

TROY CITY COUNCIL

REGULAR MEETING AGENDA

SEPTEMBER 19, 2022

CONVENING AT 7:30 P.M.

Submitted By The City Manager



The Honorable Mayor and City Council Members

City of Troy 500 West Big Beaver Troy, MI 48084

Dear Mayor and City Council Members:

In this packet, you will find the agenda for the City Council meeting. To help facilitate an informed discussion, the packet provides you with agenda items and additional details. The packet also contains recommended courses of action for your consideration and seeks to aid you in adopting sound policy decisions for the City of Troy.

This comprehensive agenda has been put together through the collaborative efforts of management and staff members. We have made all attempts to obtain accurate supporting information. It is the result of many meetings and much deliberation, and I would like to thank the staff for their efforts.

If you need any further information, staff is always available to provide more information and answer questions that may arise. You can contact me at CityManager@troymi.gov or 248.524.3330 with questions.

Respectfully,

Mark F. Miller, City Manager



Chapter 14A – Elected and Appointed Persons' Ethics Ordinance Section 14.3 Annual Training and Acknowledgement

We, the undersigned Members of Troy City Council, have reviewed *Chapter 14A – Elected and Appointed Persons' Ethics Ordinance*, understand its contents, and agree to be bound by its provisions.

Signed this 8th day of November, 2021.

EfroBe					
Mayor Etha	an Baker				
Alra Cleli					
Council Member Edna Abrahim	Council Member Theresa Brooks				
The new 1-	au Eli Gell				
Council Member Rebecca Chamberlain-Creanga	Mayor Pro Tem Ann Erickson Gault				
Dans Hank	Ella GHodoul				
Council Member David Hamilton	Council Member Ellen Hodorek				



CITY COUNCIL AGENDA

September 19, 2022 - 7:30 PM

City Council Chambers 500 W. Big Beaver Rd. Troy, MI 48084 (248) 524-3316

View the Meeting Live at: www.troymi.gov/webcast
or on Local Access Cable Channels
(WOW - Ch 10, Comcast - Ch 17, AT&T - Ch 99)

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INVOCATION:

PLEDGE OF ALLEGIANCE:

A. CALL TO ORDER:

B. ROLL CALL:

a) Mayor Ethan Baker
Edna Abrahim
Theresa Brooks
Rebecca A. Chamberlain-Creanga
Ann Erickson Gault
David Hamilton
Ellen Hodorek

Excuse Absent Council Members:

Suggested Resolution Resolution #2022-09-Moved by Seconded by

RESOLVED, That Troy City Council hereby EXCUSES the absence of	at the City
Council Meeting of September 19, 2022, due to	•

Yes: No:

C. CERTIFICATES OF RECOGNITION AND SPECIAL PRESENTATIONS:

C-1 Proclamation Celebrating Cornerstone Community Financial Credit Union for their Partnership with Children's Hospital of Michigan

D. CARRYOVER ITEMS:

D-1 No Carryover Items

E. PUBLIC HEARINGS:

E-1 Conditional Rezoning (CRJPLN2022-001) – Proposed Homestead Condominiums, East Side of Livernois, North of Big Beaver (PIN #88-20-22-001-007, -008, -009), Section 22, From R-1E (One Family Residential District) to RT (One Family Attached Residential District

Suggested Resolution Resolution #2022-09-Moved by Seconded by WHEREAS, The City is in receipt of a proposed rezoning request from NN from R-1E (One Family Residential District) to RT (One Family Attached Residential District); and,

WHEREAS, The subject property to be rezoned, located on the east side of Livernois, north of Big Beaver, parcels 88-20-22-301-007, -008, -009, being approximately 9.54 acres in size; and,

WHEREAS, The applicant voluntarily offered a number of conditions, as per Section 16.04 of the City of Troy Zoning Ordinance; and,

WHEREAS, One of the conditions voluntarily submitted by the applicant was a site plan for a 30-unit condominium development; and,

WHEREAS, The conditional rezoning was considered by the Planning Commission following a public hearing; and,

WHEREAS, The Planning Commission vote on the motion recommending approval was 7-1; and,

WHEREAS, The proposed rezoning is supported by the Master Plan and advances the general and specific development policies of the Master Plan; and,

WHEREAS, The proposed rezoning meets the Standards for Rezoning Approval listed in Section 16.03.C of the City of Troy Zoning Ordinance; and,

WHEREAS, The proposed site design mitigates potential impacts on adjacent properties;

THEREFORE, BE IT RESOLVED, That Troy City Council hereby **APPROVES** the R-1E District to be conditionally rezoned to RT District Conditional Rezoning Agreement and related attachments.

BE IT FURTHER RESOLVED, That Troy City Council **AUTHORIZES** the Mayor and City Clerk to sign the Conditional Rezoning Agreement on behalf of the City of Troy.

BE IT FINALLY RESOLVED, That the City of Troy Zoning District Map is hereby **AMENDED**.

Yes: No:

F. PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:

In accordance with the Rules of Procedure for the City Council:

Any person not a member of the City Council may address the Council with recognition of the Chair, after clearly stating the nature of his/her inquiry or comment. **NOTE TO THE PUBLIC**: City Council requests that if you do have a question or concern, to bring it to the attention of the appropriate department(s) whenever possible. If you feel that the matter has not been resolved satisfactorily, you are encouraged to bring it to the attention of the City Manager, and if still not resolved satisfactorily, to the Mayor and Council.

- Petitioners of items that are included in the pre-printed agenda booklet shall be given a
 fifteen (15) minute presentation time that may be extended with the majority consent of City
 Council.
- Any member of the public, not a petitioner of an item, shall be allowed to speak for up to three (3) minutes to address any Public Hearing item.
- Any member of the public, not a petitioner of an item, does not have the right to engage in discussion or debate with City Council during the Public Comment portions of the meeting.
- All members of the public who wish to address the Council at a meeting shall be allowed to speak only if they have signed up to speak within thirty minutes before or within fifteen minutes after the meeting's start time. Signing up to speak requires each speaker provide his or her name. If the speaker is addressing an item(s) that appears on the pre-printed agenda, then the speaker shall also identify each such agenda item number(s) to be addressed.
- City Council may waive the requirements of this section by a consensus of the City Council.
- Agenda items that are related to topics where there is significant public input anticipated should initiate the scheduling of a special meeting for that specific purpose.

Prior to Public Comment, the Mayor may provide a verbal notification of the rules of decorum for City Council meetings or refer to the pre-printed agenda booklet, which will include the following language, as approved by City Council:

Please direct your comments to the City Council as a whole rather than to any individual. Please do not use expletives or make derogatory or disparaging comments about any individual or group. If you do, there may be immediate consequences, including being muted and having your comments omitted from any re-broadcast of the meeting. Please abide by these rules in order to minimize the possibility of disrupting the meeting.

G. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:

H. POSTPONED ITEMS:

H-1 No Postponed Items

I. REGULAR BUSINESS:

I-1 Board and Committee Appointments: a) Mayoral Appointments – Local Development Finance Authority, Volunteer Firefighter Incentive Plan Board; b) City Council Appointments – Traffic Committee

a) Mayoral Appointments:

Suggested Resolution Resolution #2022-09-Moved by Seconded by RESOLVED, That the Mayor of the City of Troy hereby **APPOINTS** the following nominated person(s) to serve on the Boards and Committees as indicated:

Local Development Finance Authority (LDFA)

Appointed by Mayor 5 Regular Members Staggered 4 Year Term

Nominations to the Local Development Finance Authority (LDFA):

Term Expires: 6/30/2024	Jim Schmitz	Resident Member
	Term currently held by:	Vacant- D. Shields-No Reappointment
Yes: No:		

Suggested Resolution Resolution #2022-09-Moved by Seconded by

RESOLVED, That the Mayor of the City of Troy hereby **APPOINTS** the following nominated person(s) to serve on the Boards and Committees as indicated:

Volunteer Firefighter Incentive Plan Board

Appointed by **Mayor**/City Council
7 Regular Members
3 Year Term

Nominations to the Volunteer Firefighter Incentive Plan Board:

Term Expires: 4/30/2025	Gina Cetnar	Citizen (Mayor Appt'd)
	Term currently held by:	Anthony Rosenblum
Yes: No:		

b) <u>City Council Appointments</u>:

Suggested Resolution Resolution #2022-09-Moved by Seconded by

RESOLVED, That Troy City Council hereby **APPOINTS** the following nominated person(s) to serve on the Boards and Committees as indicated:

Traffic Committee

Appointed by Council
7 Regular Members
3 Year Term

Nominations to the Traffic Committee:

Term Expires: 1/31/2025 Shama Kenkre

Term currently held by: Sunil Sivaraman

Yes: No:

I-2 Board and Committee Nominations: a) Mayoral Nominations – Brownfield Redevelopment Authority, Downtown Development Authority, Global Troy Advisory Committee, Local Development Finance Authority, Volunteer Firefighter Incentive Plan Board; b) City Council Nominations – Historic District Commission, Parks and Recreation Board, Traffic Committee

a) <u>Mayoral Nominations</u>:

Suggested Resolution Resolution #2022-09-Moved by Seconded by

RESOLVED, That the Mayor of the City of Troy hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

Brownfield Redevelopment Authority

Appointed by Mayor 6 Regular Members 3 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Expire	Notes 2
Beyer	Joseph	10/26/2022	4/30/2024	
Gottlieb	Steven	11/24/2016	4/30/2022	
Kornacki	Rosemary	12/14/2022	4/30/2023	
Noguez-Ortiz	Carolina	12/19/2019	4/30/2023	BRA exp 4/30/2023; GTAC exp 10/30/2022
Sweidan	Rami	4/28/2022	4/30/2023	
Vassallo	Joseph	3/27/2020	4/30/2024	

Nominations to the Brownfield Redevelopment Authority:

Term Expires: 4/30/2025

Term currently held by: Steven Gottlieb

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 2
Chanda	Hirak	12/30/2022	HDC exp 5/15/2024
Garmo	Kathleen	6/17/2024	
Marrero-Laureano	Alexander	10/26/2022	
McGerty	Ryan	9/18/2022	
Rahman	Mahfuzur	9/25/2022	
Swaminathan	Abi	11/22/2023	
Voglesong	Cheryl	1/10/2024	
von Oeyen	Schuyler	7/20/2022	

Downtown Development Authority

Appointed by Mayor 13 Regular Members 4 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 2
Baker	Ethan		11/13/2023	At Large	City Council exp. 11/13/23
Blair	Timothy	6/17/2017	9/30/2023	In District	
Garmo	Kathleen	6/17/2024	9/30/2022	In District	
Keisling	Laurence	9/11/2022	9/30/2024	At Large	
Kiriluk	Alan	9/29/2022	9/30/2024	In District	
Knollenberg	Martin	6/28/2021	9/30/2023	In District	
Koza	Kenny	9/18/2019	9/30/2025	In District	
MacLeish	Daniel	6/28/2023	9/30/2025	In District	
Reschke	Ernest	7/5/2024	9/30/2022	At Large	
Schroeder	Douglas	9/10/2020	9/30/2022	At Large	No Reappointment
Stone	David	3/11/2023	9/30/2023	In District	
Tomcsik-Husak	Tara	9/22/2022	3/30/2024	In District	
Vacancy			9/30/2024	In District	Cheryl Bush resigned 9/22/21

Nominations to the Downtown Development Authority:

Unexpired Term Expiring: 9/30/2024

Term currently held by: Vacancy-Cheryl Bush resigned 9/22/21

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 1	Notes 2
Beyer	Joseph	10/26/2022	In District	
Forster	Jeffrey	3/23/2023	At Large	Personnel Bd exp 4/30/24
Goetz	John	3/4/2023	At Large	
Kornacki	Rosemary	12/14/2022	At Large	Brownfield Redev Auth exp 4/30/23
Schick	Michael	12/22/2022	At Large	
Sekhri	Suneel	11/5/2023	At Large	
Sekhri	Arun	9/24/2022	At Large	
Thattai	Govindrajan	5/20/2024	At Large	Parks & Rec Bd exp 9/30/22
Vassallo	Joseph	3/4/2023	At Large	Brownfield Redev Auth exp 4/30/24
von Oeyen	Schuyler	7/20/2022	At Large	

Global Troy Advisory Committee

Appointed by Mayor 12 Regular Members 3 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1
Baker	Ethan			Council Member
Bica-Grodsky	Lisa	9/23/2022	10/30/2023	
Burrus	MiVida	7/15/2018	10/30/2022	
Chezick	Edward		10/30/2022	
Fakhoury	Awni	4/28/2018	10/30/2024	Requests Reappointment
Liu	Allison	10/1/2022	7/31/2022	Student
Mohideen	Syeda	8/24/2020	10/30/2024	Requests Reappointment
Natcheva	Daniela	11/8/2021	10/30/2022	
Noguez-Ortiz	Carolina	12/19/2019	10/30/2022	Brownfield Redev Auth exp 4/30/23
Sekhri	Suneel	12/20/2021	10/30/2024	
Swaminathan	Sharanya		7/31/2022	Student

Vacancy			10/30/2023	Rebecca Chamberlain-Creanga resigned 2/26/20
Vacancy			10/30/2023	Cathleen Francois requested No Reappointment
Zhou	Yudong	10/23/2021	10/30/2022	

Nominations to the Global Troy Advisory Authority:

Term Expires: 7/31/2023 Student

Term currently held by: Allison Liu

Term Expires: 7/31/2023 Student

Term currently held by: Sharanya Swaminathan

Term Expires: 10/30/2023

Term currently held by: Vacancy-Rebecca Chamberlain-

Creanga resigned 2/26/20

Term Expires: 10/30/2023

Term currently held by: Vacancy - Cathleen Francois - No

Reappointment

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 1
Cicchini	Philippe	4/13/2023	
Emerson	Rosalyn	7/20/2024	
Faiz	Iqbal	12/4/2022	
MacDonell	Sharon	4/13/2023	
Marrero-Laureano	Alexander	10/26/2022	
McGee	Timothy	3/2/2023	
Rahman	Mahfuzur	9/24/2022	
Swaminathan	Abi	11/22/2023	
Sweidan	Rami	3/2/2023	
Wit	Callie	4/22/2024	

Local Development Finance Authority (LDFA)

Appointed by Mayor 5 Regular Members Staggered 4 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 2
Bachert	Sandra	11/18/2023	6/30/2023	Resident Member	
Baker	Ethan		11/13/2023	Alternate; City Council	City Council exp. 11/13/23; DDA; GTAC, LDFA
Beltramini	Robin	7/17/2021	6/30/2022	Resident Member	No Reappointment
Hodorek	Ellen		City Council Term	Alternate; City Council	City Council exp 11/10/2025
Starks	Louis			Oakland County Designee	
Vacancy			6/30/2024	Resident Member	David Shield's term exp 6/30/16 - No Reappointment
Vacancy			6/30/2024	Resident Member	John Sharp resigned 11/1/19; Term exp 6/30/20.
Vacancy			6/30/2023	Resident Member	Nickolas Vitale resigned 7/17/21

Nominations to the Local Development Finance Authority (LDFA):

Unexpired Term Expiring: 6/30/2023

Resident Member

Term currently held by: Vacant – N. Vitale resigned 7/17/21

Term Expires: 6/30/2024

Resident Member

Term currently held by: Vacant – J. Sharp resigned 11/1/19

Term Expires: 6/30/2026

Resident Member

Term currently held by:

Robin Beltramini - No Reappointment

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 1
Mudaliar	Vinodh Kumar	3/2/2024	
Rahman	Mahfuzur	9/24/2022	
Schick	Michael	12/22/2022	
Vassallo	Joseph	3/4/2023	Brownfield Redev Auth exp 4/30/24

Yes: No:

b) <u>City Council Nominations</u>:

Suggested Resolution Resolution #2022-09-Moved by Seconded by

RESOLVED, That Troy City Council hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

Historic District Commission

Appointed by Council 7 Regular Members 3 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 3
Adams	John Howard	3/8/2023	5/15/2024		
Chambers	Barbara	12/5/2021	3/1/2023	HC Recommendation	
Chanda	Hirak	3/22/2023	5/15/2024		
Dicker	Susanne Forbes	8/15/2022	3/1/2023		
McGee	Timothy S	3/23/2020	5/15/2024		
Petrulis	Al	12/16/2021	3/1/2023	ACAB exp 9/30/2024; Traffic Comm. exp 1/31/2023; HDC exp 3/1/2023	
Voigt	W. Kent	11/18/2023	3/1/2022	HC Recommendation	Requests Reappointment

Nominations to the Historic District Commission:

Term Expires: 3/1/2025

Term currently held by: W. Kent Voigt

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 1
Cicchini	Philippe	4/13/2023	
Emerson	Rosalyn	7/20/2024	
Jennings	Janet	8/12/2022	
MacDonell	Sharon	4/13/2023	

Parks and Recreation Board

Appointed by Council

7 Regular Members and 1 Troy School Board of Education Representative Regular Member: 3 Year Term / Troy School Board Member: 1 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Date	Appointment Expire	Notes 1	Notes 3
Brady	Pamela	4/20/2024	9/9/2019	9/30/2022		Requests Reappointment
Brady	Michael	10/4/2020	10/11/2021	9/30/2024		
Colussi	Casey	8/20/2022	9/21/2020	9/30/2023		
Fulcher	Timothy	5/17/2024	10/11/2021	7/31/2022	Troy School Bd of Education Rep.	
Goul	Brian			12/31/2099		
Martin	Kelly	7/11/2021	9/21/2020	9/30/2023		
Patel	Hitesh	6/8/2024	10/11/2021	9/30/2022		Requests Reappointment
Sahu	Akshitha	9/28/2022	10/11/2021	7/31/2022	Graduates 2023	
Shepherd	John Chuck	7/19/2023	10/11/2021	9/30/2024		
Thattai	Govindrajan	5/20/2024	5/10/2021	9/30/2022		Requests Reappointment

Nominations to the Parks and Recreation Board:

Term Expires: 9/30/2025

Term currently held by: Pamela Brady

Term Expires: 9/30/2025

Term currently held by: Hitesh Patel

Term Expires: 9/30/2025

Term currently held by: Govindrajan Thattai

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 2
Aggarwal	Deepti	6/10/2023	Student – Graduates 2023
Buechner	Toby	3/22/2023	Charter Rev. Comm. exp 4/30/2024
Cicchini	Philippe	4/13/2023	

Dicker	Susanne Forbes	8/15/2022	Hist. Dist. Comm. exp 3/1/2023
Emerson	Rosalyn	7/20/2024	
Faiz	Iqbal	12/4/2022	
Forster	Jeffrey D.	3/22/2023	Personnel Bd. exp 4/30/2024
Fox	Tyler A.	6/15/2024	
Frederick	Mary M.	4/28/2023	
Gill	Jasper	1/10/2024	
Hack	Kurt	9/14/2022	
Hoef	Paul V.	12/14/2022	Local Dev. Finance Auth. exp 6/30/2023
Kaltsounis	Andrew	12/10/2021	Liquor Adv. Comm exp 1/31/2022
Kenkre	Shama	8/23/2024	
McGee	Timothy	3/2/2023	Hist. Dist. Comm exp 5/15/2024
Mudaliar	Vinodh Kumar	3/2/2024	
Shah	Aanya	11/30/2023	Student – Graduates 2024
Snyder	Margaret	9/28/2023	
Voglesong	Cheryl	1/10/2024	
von Oeyen	Schuyler	7/20/2022	

Traffic Committee

Appointed by Council
7 Regular Members
3 Year Term

Current Members:

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 3
Huotari	William		Ex-Officio Member		
Kilmer	Richard	1/9/2019	1/31/2023		
Koralewski	Tyler	11/12/2023	7/31/2022	Student – Graduates 2022	
Nastasi	Frank		Ex-Officio Member		
Nurak	Cindy	1/16/2021	1/31/2025		
Petrulis	Al	12/16/2021	1/31/2023		
Hullinger	Peter		Ex-Officio Member		
Sivaraman	Sunil	12/22/2020	1/31/2022		Requests Reappointment
Swaminathan	Abi	3/6/2022	1/31/2024		

Wilsher	Cynthia	1/18/2020	1/31/2024	
Ziegenfelder	Peter	12/4/2021	1/31/2023	

Nominations to the Traffic Committee:

Term Expires: 7/31/2023 Student

Term currently held by: Tyler Koralewski

Interested Applicants:

Last Name	First Name	App Resume Expire	Notes 1
Abdullah	Nehar	2/3/2023	
Aggarwal	Deepti	6/10/2023	Student – Graduates 2023
Chanda	Hirak	12/30/2022	Hist. Dist. Comm. exp 5/15/2024
Eisenbacher	David	4/6/2024	
Gill	Jasper	1/10/2024	
Kenkre	Shama	8/23/2024	
MacDonell	Sharon	4/13/2023	
Rose	Justin	11/5/2023	
Sahu	Akshitha	9/28/2022	Student - Graduates 2023
Shah	Aanya	11/30/2023	Student - Graduates 2024

Yes: No:

I-3 No Closed Session Requested

I-4 Budget Amendment and Standard Purchasing Resolution 4: Oakland County Purchasing Cooperative – Troy Public Library Loading Dock Reconstruction (Introduced by: Phillip Kwik, Assistant Library Director)

Suggested Resolution Resolution #2022-09-Moved by Seconded by

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *National Restoration of Milford, MI*, for the Troy Public Library Loading Dock Reconstruction for an estimated amount of \$43,900 and a contingency amount of \$4,100, for a total project cost of \$48,000 per the Oakland County Cooperative Purchasing Contract #005106.

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** a budget amendment in the amount of \$23,000 to the Library Capital Project Fund 401.790.7975.900.

a)

prope	FINALLY RESOLVED, That the award is CONTINGENT upon the submission of rly executed contract documents, including insurance certificates and all other specified ements.
Yes: No:	
J.	CONSENT AGENDA:
J-1a	Approval of "J" Items NOT Removed for Discussion
Resol Moved Secon	ested Resolution ution #2022-09- d by nded by DLVED, That Troy City Council hereby APPROVES all items on the Consent Agenda as nted with the exception of Item(s), which shall be CONSIDERED after
	ent Agenda (J) items, as printed.
Yes: No:	
J-1b	Address of "J" Items Removed for Discussion by City Council
J-2	Approval of City Council Minutes
	ested Resolution ution #2022-09-
RESC	DLVED, That Troy City Council hereby APPROVES the following Minutes as submitted:
RESC a) b)	OLVED, That Troy City Council hereby APPROVES the following Minutes as submitted: Special City Council Minutes-Draft – September 12, 2022 City Council Minutes-Draft – September 12, 2022
a)	Special City Council Minutes-Draft – September 12, 2022
a) b) J-3 <u>Sugge</u>	Special City Council Minutes-Draft – September 12, 2022 City Council Minutes-Draft – September 12, 2022
a) b) J-3 <u>Sugge</u>	Special City Council Minutes-Draft – September 12, 2022 City Council Minutes-Draft – September 12, 2022 Proposed City of Troy Proclamations: ested Resolution

Community Center Preschool Play Structure Replacement

Standard Purchasing Resolution 4: Sourcewell Cooperative Purchasing Contract -

Suggested Resolution

Resolution #2022-09-

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *We Build Fun* of *Allen, TX* for the Community Center Preschool Play Structure Replacement for an estimated cost of \$134,146 as detailed in the attached quote and per the Sourcewell Cooperative Purchasing Contract #010521-LTS-3 with a 10% contingency; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed contract documents, insurance certificates, and all other specified requirements.

b) Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – Holiday Lights

Suggested Resolution

Resolution #2022-09-

RESOLVED, That Troy City Council hereby **AWARDS** a contract for one-year requirements for Holiday Lights, Proposals A, B, C, D and E as specified, with an option to renew for two (2) additional years to the low bidder meeting specifications, *Landscape Services, Inc.* of *Clinton Twp., MI*, for an estimated cost for installation and removal of \$29,925 and replacement materials at unit prices contained in the bid tabulation opened September 1, 2022, a copy of which shall be **ATTACHED** to the original Minutes of this meeting; not to exceed budgetary limitations; contract to expire April 30, 2025.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon submission of properly executed contract documents, including insurance certificates and all other specified requirements.

c) Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – 2022 Street Tree Planting

Suggested Resolution

Resolution #2022-09-

RESOLVED, That Troy City Council hereby **AWARDS** a contract to provide and install on an as-needed basis ball and burlap or container grown trees to the low bidder meeting specifications, *Marine City Nursery Company of Marine City, MI*, at unit prices contained in the bid tabulation opened September 1, 2022, a copy of which shall be **ATTACHED** to the original Minutes of this meeting; not to exceed budgetary limitations; contract to expire June 30, 2023.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon submission of properly executed bid and contract documents, including bonds, insurance certificates and all other specified requirements.

d) Standard Purchasing Resolution 2: Low Bidder Meeting Specifications – Fuel Island Renovations – Department of Public Works and City Hall, and Standard Purchasing

Resolution 5: Approval to Expend Budgeted Funds – Fuel Island Renovations – Construction Management

<u>Suggested Resolution</u> Resolution #2022-09-

RESOLVED, That Troy City Council hereby **APPROVES** a contract for the Fuel Island Renovations at the Department of Public Works and City Hall locations to the low bidder meeting specifications; *Phoenix Environmental, Inc of Plymouth, MI,* at unit prices contained in the bid tabulation opened September 1, 2022, a copy of which shall be **ATTACHED** to the original Minutes of this meeting, for an estimated cost of \$1,759,374.00 and a 10% contingency amount of \$195,438, for an estimated total cost of \$1,954,812.00;

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** expending budgeted capital funds to *OHM Advisors of Livonia, MI*, for Construction Phase Services for the fuel island renovations at the Department of Public Works and City Hall locations for an estimated total cost of \$195,000, not to exceed budgetary limitations;

BE IT FINALLY RESOLVED, That the awards are **CONTINGENT** upon the contractors' submission of properly executed bid documents, insurance certificates and all other specified requirements.

e) Contract Amendment and Standard Purchasing Resolution 4: Oakland County Purchasing Cooperative – Next Generation 911 Equipment and Services Upgrade, Troy Police Department

<u>Suggested Resolution</u> Resolution #2022-09-

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **APPROVES** the amended contract with *Motorola Solutions, Inc of Birmingham, AL,* for the purchase of the Next Generation 911 Equipment and Services upgrade in conjunction with Oakland County as per the Oakland County Cooperative Contract #004698, for an estimated total amount of \$97,866.00.

BE IT FURTHER RESOLVED, That Troy City Council **AUTHORIZES** the Troy Chief of Police to execute the contract for the purchase of NG9-1-1 Equipment and Services on behalf of the City of Troy; a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

BE IT FINALLY RESOLVED, That the contract is **CONTINGENT** upon contractor's submission of properly executed contract documents, including insurance certificates, and all other specified documents.

J-5 Private Agreement – Contract for Installation of Municipal Improvements, Casca Village of Troy Site Condominium Development, Project No. 15.926.3

<u>Suggested Resolution</u> Resolution #2022-09RESOLVED, That Troy City Council hereby **APPROVES** the Contract for the Installation of Municipal Improvements (Private Agreement) between the City of Troy and CV Development, LLC, for the installation of water main, sanitary sewer, storm sewer, concrete pavement, and concrete sidewalk, and the Mayor and City Clerk are **AUTHORIZED** to execute the documents, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

J-6 Request for Acceptance of a Warranty Deed and Five Permanent Easements, Casca Village of Troy Site Condominium, Sidwell #88-20-04-100-085 and -086

Suggested Resolution Resolution #2022-09-

RESOLVED, That Troy City Council **ACCEPTS** a warranty deed for right-of-way and five permanent easements for public utilities, emergency ingress and egress, sanitary sewers and sidewalk, storm sewers and surface drainage, and water mains from CV Development, LLC, owner of the properties having Sidwell #88-20-04-100-085 & 086, and

BE IT FURTHER RESOLVED, That the City Clerk is hereby **DIRECTED** to **RECORD** the warranty deed and permanent easements with Oakland County Register of Deeds, copies of which shall be **ATTACHED** to the original Minutes of this meeting.

J-7 Request for Acceptance of a Permanent Easement, Motor City Church International, Sidwell #88-20-22-101-034

Suggested Resolution

Resolution #2022-09-

RESOLVED, That Troy City Council **ACCEPTS** a permanent easement for water mains from Motor City Church International, owners of the property identified with Sidwell #88-20-22-101-034.

BE IT FURTHER RESOLVED, That the City Clerk is hereby **DIRECTED TO RECORD** the permanent easement with Oakland County Register of Deeds, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

K. MEMORANDUMS AND FUTURE COUNCIL AGENDA ITEMS:

- K-1 Announcement of Public Hearings: None Submitted
- K-2 Memorandums (Items submitted to City Council that may require consideration at some future point in time): None Submitted
- L. PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:

- M. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:
- N. COUNCIL REFERRALS:

Items Advanced to the City Manager by the Mayor and City Council Members for Placement on the Agenda

- N-1 No Council Referrals Submitted
- O. REPORTS:
- **O-1** Minutes Boards and Committees:
- a) Planning Commission-Final August 9, 2022
- b) Planning Commission-Final August 23, 2022
- **O-2** Department Reports:
- a) Troy Public Library Youth Area Renovation Update
- **O-3** Letters of Appreciation: None Submitted
- O-4 Proposed Proclamations/Resolutions from Other Organizations: None Submitted
- P. COUNCIL COMMENTS:
- P-1 No Council Comments
- Q. PUBLIC COMMENT FOR ITEMS ON OR NOT ON THE AGENDA FROM MEMBERS OF THE PUBLIC OUTSIDE OF TROY (NOT RESIDENTS OF TROY AND NOT FROM TROY BUSINESSES):
- R. CLOSED SESSION
- R-1 Closed Session
- S. ADJOURNMENT:

Respectfully submitted,

Mark F. Miller City Manager

2022 SCHEDULED SPECIAL CITY COUNCIL MEETINGS:

October 3, 2022	Future Budget Planning
November 19, 2022	City of Troy Advance

2022 SCHEDULED REGULAR CITY COUNCIL MEETINGS:

October 3, 2022	Regular Meeting
October 24, 2022	Regular Meeting
November 14, 2022	
November 21, 2022	Regular Meeting
December 5, 2022	Regular Meeting
December 12, 2022	Regular Meeting

PROCLAMATION CELEBRATING CORNERSTONE COMMUNITY FINANCIAL CREDIT UNION FOR THEIR PARTNERSHIP WITH CHILDREN'S HOSPITAL OF MICHIGAN

WHEREAS, Cancer claims the lives of more children than all other childhood diseases combined. Worldwide, a child is diagnosed with cancer every three minutes; and

WHEREAS, Cornerstone Community Financial Credit Union (CCFCU) began partnering with Children's Hospital of Michigan (CMH) for Pediatric Cancer Awareness Month in 2016. Each September, the CCFCU Team connects with the team at CHM to evaluate their needs and to see how they can help. In the past three years, CCFCU has also included Toledo's ProMedica Children's Hospital since they have two branches in northern Ohio; and

WHEREAS, Teddy bear drives started in 2016 and they collected and donated approximately 6,000 bears and \$10,000 to pediatric cancer research over the next three years. In 2019, they started "Cruisin' for a Cause," because the hospital was part of a pilot program allowing kids to drive themselves into surgery or use ride-on cars to transfer rooms. CCFCU donated a total of 21 remote control ride-on cars)one has the Troy Fire Department patches and one has the Troy Police Department patches), split between CHM, the CHM Rehab Center and the Toledo Children's Hospital, plus \$6000; and

WHEREAS, In 2020, the **CCFCU Team** decided to "**Build Hope**" and collect 500 brand new Lego sets for the hospitals. Legos are easy to disinfect and children use them to build, imagine, dream, and play. The team along with their community members donated 800 brand new Lego sets to the hospitals; and

WHEREAS, "Creating Courage" was the 2021 program. The CCFCU Team collected and donated 1,000 creative items like crayons, craft kits, creative toys, journals, coloring books and more to the hospitals. September 2022, the goal of "Squish Out Cancer" is to collect and donate 1,000 Squishmallows, 500 to each hospital; and

WHEREAS, The community and **CCFCU** members have come together since 2016 and are always so generous during the drives for the hospitals. **CCFCU** matches each donation, so one donation always becomes two. The Team members have fun each year coming up with creative ways to fill the toy closets at the hospitals and bring awareness to pediatric cancer;

NOW, THEREFORE, BE IT RESOLVED, That the Mayor and City Council of the City of Troy hereby applaud and sincerely thank the **Cornerstone Community Financial Credit Union Team** for partnering with Children's Hospital of Michigan (CMH) for Pediatric Cancer Awareness Month since 2016; and

BE IT FURTHER RESOLVED, That the Mayor and City Council of the City of Troy invite all residents to recognize, celebrate, and also support the generosity and dedication of **the Cornerstone Community Financial Credit Union Team Members**, true heroes in our Troy community and beyond.

Presented this 19th Day of September 2022

CITY COUNCIL AGENDA ITEM

Date: September 14, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

R. Brent Savidant, Community Development Director

Subject: PUBLIC HEARING - CONDITIONAL REZONING (CR JPLN2022-001) - Proposed

Homestead Condominiums, East side of Livernois, North of Big Beaver (PIN 88-20-22-301-007, -008, -009), Section 22, From R-1E (One Family Residential District) to RT

(One Family Attached Residential District).

The applicant Tableau by Mondrian seeks a conditional rezoning of the subject parcel from R-1E (One Family Residential Zoning District) to RT (One Family Attached Zoning District). The applicant provided a complete Preliminary Site Plan application as a condition of approval, along with other conditions listed in the application.

The subject site is 9.54 acres in area. The applicant proposes a total of 30 units within 6 buildings. The application indicates the homes are geared toward residents 50 years of age and older. Houses range in size from 1,317 square feet to 1,840 square feet.

The applicant has voluntarily included the site plan as a condition of approval. The development will conform to all RT zoning district requirements including maximum height of 2 stories/30 feet.

The Planning Commission considered the conditional rezoning application at a public hearing on July 26, 2022. The Planning Commission recommended approval of the application by a 7-1 vote.

The applicant has revised the Preliminary Site Plan that was reviewed by the Planning Commission as follows:

- 1. The proposed 6-foot wide gravel path has been upgraded to an 8-foot wide asphalt path.
- 2. The sidewalk on the north side of the proposed road has been upgraded to an 8-foot wide asphalt path to connect to the City path system.
- 3. The proposed 8-foot wide asphalt path route has been changed to go around the pergola.
- 4. An easement has been provided to the City of Troy through the wetlands on the northeast portion of the property.

A City Council public hearing has been scheduled for September 19, 2022.

Legal Review

This item was submitted to the City Attorney for review pursuant to City Charter Section 3.17.



CITY COUNCIL AGENDA ITEM

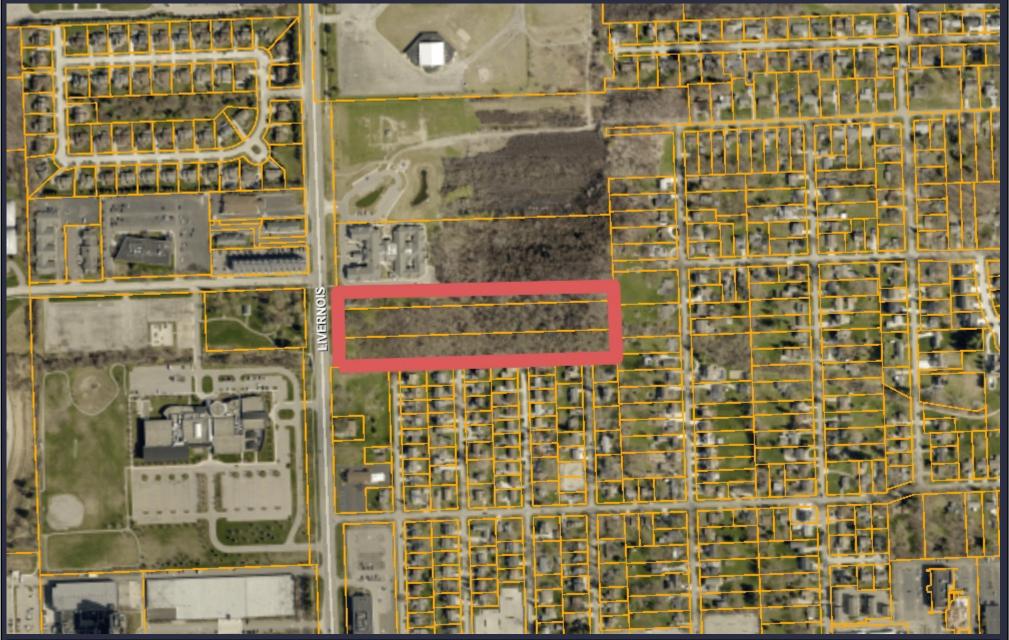
Attachments:

- 1. Maps.
- Preliminary Site Plan application. 2.
- Minutes from July 26, 2022 Planning Commission Regular meeting. 3.
- Agenda packet from July 26, 2022 Planning Commission Regular meeting. 4.
- Public comment. 5.
- Conditional Rezoning Agreement. Ordinance to Amend Chapter 39. 6.
- 7.

RBS, G:\CONDITIONAL REZONING\JPCR2022-001 HOMESTEAD\20220919 CC Memo Public Hearing Homestead Conditional Rezoning.docx



GIS Online



Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.

TROY

1,189

GIS Online



1,189 Feet

595

Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.

PRESENTS











SECTION 1: ABOUT MONDRIAN PROPERTIES AND ITS NEW MULTI-FAMILY DIVISION

Mondrian's Background

At Mondrian Properties, we pride ourselves on developing, designing and constructing premier homes and communities for our highly valued customers. In our three-decade history, we have developed more than 40 communities in Southeastern Michigan, continually winning awards for architectural design quality.







The Mondrian Mission

Our goal is to be recognized as a national leader in the area of customer-focused residential construction. Our best-in-class, well-coordinated and consummately professional team helps to realize this goal every day. It is our unrelenting dedication to achieving this goal, in combination with our commitment to integrity, that allows us to provide our clients with their dream homes.







The Mondrian Lifestyle

Our architectural team creates classic designs that our construction team realizes into quality homes that exude timeless sophistication and luxurious detail. Our clients experience the next level – of convenience, of service and of quality. We take great pride in the communities we build. When you purchase a Mondrian home, you acquire so much more than a place to live; you acquire a lifestyle filled with attainable luxury.













Mondrian's Expansion into Multi-family Housing

Our team has carefully considered the guidance and insight it has understood from the City of Troy, with regard to new choices for home-shoppers in the area. And, since there is strong demand in the marketplace for different types of multi-family, for-lease, as well as for-purchase residential home types, Mondrian Properties, through its newly created subsidiary, **Tableau by Mondrian**, has decided to pursue constructing these kinds of options for the community. Also, new construction is highly popular, as compared to older construction units. Whether future communities offer 50+ or general market residences for lease, or 50+ or general market condos, Mondrian's new multi-family unit can supply any of them. Mondrian's new multi-family brand, **Tableau by Mondrian**, will offer home-shoppers the elegance for which Mondrian is known, while delivering new residences that are clearly something new and exciting – communities that would offer aspirational lifestyles to a variety of audiences – places where they could really envision themselves being fulfilled. Mondrian Properties will remain separate, but since there is a good amount of brand equity in the Mondrian name, this new brand has can leverage it as a foundation from which to drive credibility, legitimacy and familiarity in the eyes of the target audience – whichever demographic that audience may represent.













Project Applicant / Developer:

Tableau by Mondrian

50215 Schoenherr Road Shelby Township, MI 48315 Attn: Joseph Maniaci 586-726-7350 jmaniaci@mondrianproperties.com

<u>Development Team Consultants:</u>

Civil Engineer: PEA Group

John Thompson, PE 2430 Rochester Court Troy, MI 48083 844-813-2949

Architects:

Martini - Samartino Design Group

Paul Samartino, AIA 920 E. Long Lake Suite 200 Troy, MI 48085 248-524-0445

Landscape Architecture: J Eppink Partners, Inc.

Jim Eppink, RLA 9336 Sashabaw Road Clarkston, MI 48348 248-922-0789

Site Data:
Parcel Size:
9.54 acres

Location:

East side of Livernois, north of Big Beaver Road within the City of Troy, MI

Existing Zoning: R-1E One Family Residential

Proposed Zoning:

RT One Family Attached Residential using a Conditional Rezoning

Application

Proposed Uses:

30 attached single family for lease condominium homes

SECTION 2: PROJECT NARRATIVE LETTER

HOMESTEAD

A Proposed Single Family Attached, For-Lease Condominium Neighborhood In the City of Troy, Michigan

Project Vision:

Homestead, a new neighborhood proposed to be constructed off of Livernois Road will provide beautiful, high-quality, size-appropriate housing geared towards its 50-year-old and older residents.

Mondrian Properties, the corporate parent of its new, multi-family unit, **Tableau by Mondrian**, has been building homes in Southeastern Michigan for more than three decades, and continues to be at the forefront of providing a range of quality housing choices throughout the area. In response to the City of Troy's goal to provide innovative housing alternatives that serve the City's evolving demographics, smaller household sizes, and active lifestyle choices of its residents, Tableau by Mondrian is proud to propose Homestead, a neighborhood that specifically seeks to help build **the "missing-middle"** within the community.

The City of Troy continues to be recognized as one of the best places to live in America. Its strong employment base, educational opportunities, shopping areas, diverse cultures, and residential neighborhoods have made it a premier family-oriented community. As its long-time residents age, however, the City of Troy has correctly recognized that it must encourage a wider range of housing choices to be built within Troy that will allow its residents to remain in the city they love, close to their families, friends, work, and churches. Providing more diverse housing choices enables residents the ability to "age in place" and prevent the need to move away, once the large, five-bedroom home becomes too large during their empty-nest, active senior years.

Homestead, a boutique, pocket neighborhood of only 30-residences, will provide home layouts ranging in size from 1,317 square feet to 1,840 square feet. The condominiums, designed primarily for single-level living, will be offered for-lease with an option to purchase. The Homestead neighborhood, which boasts of more than 55% open space will provide a community park for outdoor gatherings, walking trails that may connect to the larger City of Troy trail system, butterfly gardens, fitness stations with outdoor exercise equipment, sidewalks throughout, and beautifully landscaped, centrally maintained grounds.

Tableau by Mondrian has submitted the attached site plan documents and application and seeks site plan approval and conditional rezoning of the parcel(s) in order to construct this exciting neighborhood. Key attributes of the site and proposed development are outlined on the following pages and within the site plan submission documents.



SITE DATA & LOCATION:

Parcels 20-22-301-007, 20-22-301-008, 20-22-301-009

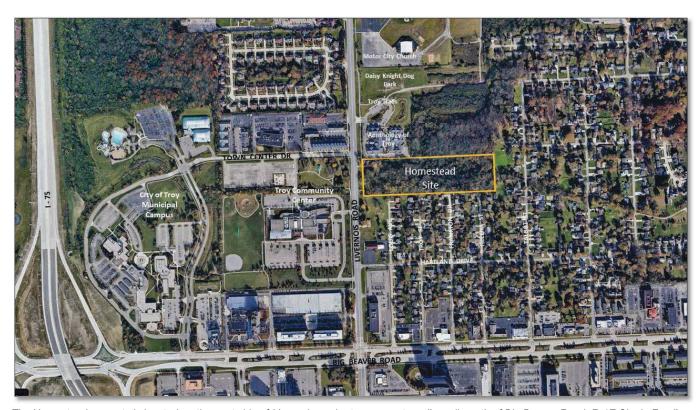
Total Size: 9.54-acres

Current Zoning: R-1E One Family Residential District

Proposed Zoning: RT One Family Attached Residential District

Features: Lane Drain located at the parcel's southern boundary

Wetlands and Floodplain areas currently exist on site Immediately east of the Troy Community Center and access to the Troy Trail system.



The Homestead property is located on the east side of Livernois, a short, one-quarter-mile walk north of Big Beaver Road. R-1E Single Family neighborhoods abut the property to the east and south, The Troy Community Center is located conveniently west of the site, and Anthology of Troy (a PUD) is located immediately to the north with close connection to Troy Trails and the Daisy Knight Dog Park.



The westernmost portion of the site is considered the "development zone" and can accommodate conventional construction methods for residential development. The eastern portion of the site is comprised of wetlands to the north and the Lane Drain to the south. The rear-central portion of the site will be graded to accommodate the required floodplain capacity of the site. The analysis of the physical characteristics of the site, identification of the development and floodplain cut zones, and the proposed civil engineering methods were determined independent of the proposed Homestead site plan. In other words, the western development zone, the eastern floodplain area, the natural features are consistent regardless of if the site was developed as a conventional R1-E subdivision, or as developed as the proposed RT – "Aging-in-Place," "Missing-Middle" community.



The western portion of the site has been determined to have the characteristics suitable for development, whereas the eastern portion of the site will be reserved for the preservation of the natural features, floodplain cut area, and re-forestation of the wooded areas.

SITE PLAN & ARCHITECTURAL DATA:

Building Types: 6 condominium buildings

(3 Ranch with Lifestyle Space buildings & 3 Single-Level Living Condo buildings)

Total Residences: 30

Gross Density: 3.14 residences per acre

Home Sizes: Single Level Living Condo: 1,317 – 1,488 sf

Ranch with Lifestyle Space: 1,735 - 1,840 sf

Architecture: Award winning architectural style and building materials

Site Plan Features Include:

- Community Park & Gathering Area;
- Pergola;
- Walking Trails;
- Internal External Sidewalks with Ability to Connect to Troy Trails;
- Exercise & Fitness Stations;
- Butterfly Gardens;
- · Park Benches;
- Livernois Frontage Landscape & Decorative Stone Walls;
- Landscape Boundary Buffer;
- Plantings & Preservation of Natural Features;
- Significant Tree Plantings & Re-forestation & Stormwater Management;
- Creation of Detention Basin/Decorative Wet Pond.





The Homestead neighborhood master plan places 6 beautiful condominium buildings at the western boundary closest to Livernois Road. The 30 residential units will front onto the new internal road and have direct access to Livernois. The development is just a short walk to The Troy Community Center, restaurants along Big Beaver, or connections to internal trails and the Troy Trail system. Existing wooded wetlands and the wooded Lane Drain will be maintained at the north and south respectively, and the rear center area will be land-balanced to accommodate floodplain capacity. The rear area will be planted and maintained with native prairie grasses, two butterfly gardens, buffer plantings and tree re-forestation plans, along with walking trails, fitness stations, and restful park bench areas.



Ranch Condominium with Lifestyle Space: Three "Ranch Condominiums with Lifestyle Space" buildings will be constructed within Homestead, providing a total of 12 of these unit types. Almost all the living space, including the master and second bedroom, kitchen and living room will be located on the ground floor. An additional flexible life-style space, which could be used as a home office, den, or media room, will be located on the second floor. The total square footage of these homes will range between 1,735 – 1,840 sf.





Single-Level Living Condominiums: Three "Single-Level Living Condominium" buildings will be constructed, providing a total of 18 of these unit types. All living areas within each condo will be located on a single level providing a spacious, convenient, ranch-style home. The ground floor of each building will house three units, with three additional individual units on the second floor. Each residence will have its own garage, as well as dedicated driveway parking areas. The square footage of the single-level living homes will range from 1,317 – 1,488 sf.

At Tableau by Mondrian, we are proud to present the Homestead neighborhood and its ability to create an "Age-in-Place," "Missing-Middle" community that offers appropriately sized homes, beautiful architecture, functional floor plans, amenities, an abundance of site features, 55% open space, and located within walking distance of restaurants, trails, dog-parks, churches, offices, and the Troy Community Center. Our application requests a conditional re-zoning based on the uses, merits, and details reviewed here, those within the site plan submission documents, and as outlined in the accompanying application and conditional re-zoning narrative. We've worked closely with the community, have studied the Troy Master Plan, and we believe this development, with its open space, alternative housing choices, and walkability components, will meet the goals, intent, and spirit of the Master Plan. We believe that Homestead will become a wonderful addition to the City of Troy.

The attached Preliminary Site Plan Submission document set provides the information required by the ordinance and outlines the technical details of the development. We appreciate the opportunity to have the project reviewed by the City Planning Department and related professionals and look forward to being placed on the next available Planning Commission agenda to review and request a positive recommendation for the site plan and conditional re-zoning to enable the project to move forward.

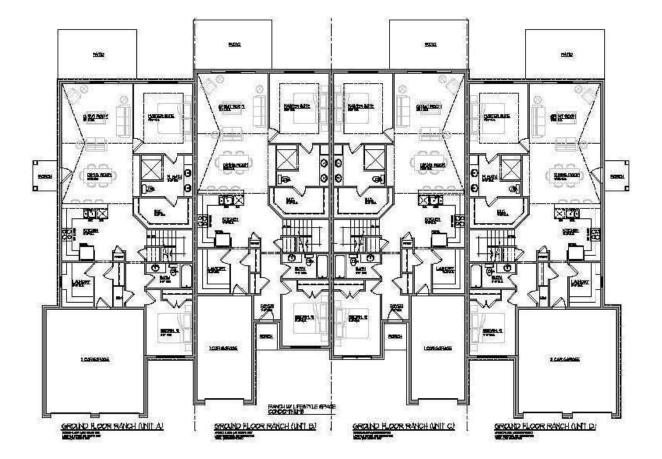


SECTION 3: LANDSCAPE RENDERINGS





SECTION 4: HOMESTEAD FLOOR PLANS

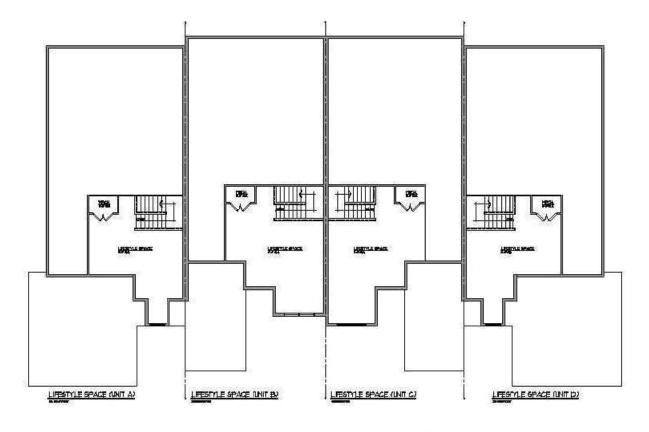






RANCH W LIFESTYLE SPACE CONDOMINIUMS

MARTINI
SAMARTINO
Design Group
ODENTIABLE
OD









RANCH W LIFESTYLE SPACE CONDOMINIUMS



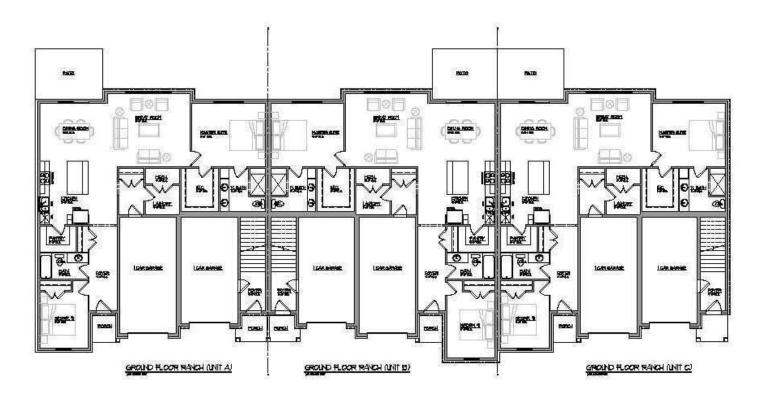




RANCH W/ LIFESTYLE SPACE CONDOMINIUMS

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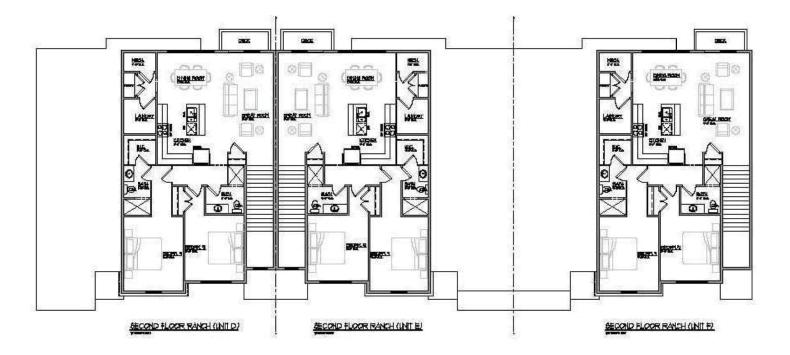








SINGLE LEVEL LIYING CONDOMINIUMS













FRONT ELEVATION (UNIT A & UNIT D) FRONT ELEVATION (UNIT B & UNIT E) FRONT ELEVATION (UNIT C & UNIT F)





SINGLE LEVEL LIVING CONDOMINIUMS

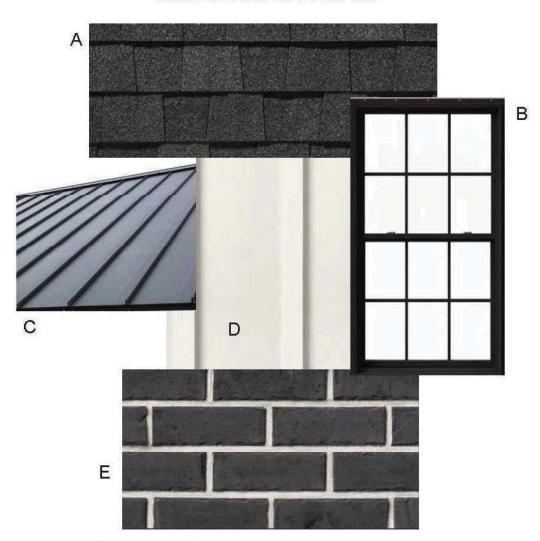
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SECTION 5: MATERIAL LIST & PICTURES

HOMESTEAD MATERIALS



- A Pewter Dimensional Shingles
- B Black Framed Windows and Doors
- C Black Metal Awnings & Roofs
- D Hardie Plank Horizontal & Vertical Siding
- E Black Lake Brick

PEA GROUP

. . .

2430 Rochester Court, Suite 100 Troy, MI 48083 844.813.2949 peagroup.com

SECTION 6: CONDITIONAL RE-ZONE LETTERS A & B:

PEA Project No: 2021-0451

Mr. Brent Savidant Community Development Director City of Troy Planning Department 500 W. Big Beaver Troy, MI 48084

RE: Conditional Rezoning Application

Parcel # 20-22-301-007, -008, -009

Livernois Road, north of Big Beaver Road City of Troy, Oakland County, Michigan

Dear Mr. Savidant:

On behalf of Tableau by Mondrian, we respectfully request a change in the zoning for Parcels # 20-22-301-007, -008, -009.

Pursuant to the provisions of the Michigan Zoning Enabling Act, P.A. 110 of 2006, as amended, and pursuant to all applicable provisions of law, we are requesting the Zoning Map of the City of Troy be amended to conditionally rezone Parcel Numbers 20-22-301-007, -008, -009, from R-1E One Family Residential District to RT One Family Attached Residential District, in order to construct six attached single-family dwelling buildings for a total of 30-units.

Location & Existing Conditions:

The property is located on the east side of Livernois Road just north of the Big Beaver Road intersection. The parcel is 9.54 acres in size and currently has one house on the north property. Surrounding uses include single-family dwellings to the south and east. To the north is a PUD development (senior living). To the west is the City of Troy Community Center. The Lane Drain runs along the southerly property line. The site is largely encompassed with floodplain and there is also an area of wetlands in the northwest corner of the site.

Existing Zoning & Future Land Use:

The site is currently zoned R-1E (One Family Residential District). (See Exhibit A). According to the Master Plan of 2008 and as Amended in 2016, The Future Land Use for the subject parcel is Single Family Residential, Social Neighborhood.

Proposed Use & Site Plan:

Under the proposed rezoning (**see** *Exhibit* **B**), the site would be zoned RT One Family Attached Residential District. The proposed condos will be for lease and with an option to purchase. The floodplain area would be amended thru the LOMR process. Detention would outlet to the Lane Drain. The proposed development (**see** *Site Plan Sheets: Cover Sheet, P-1.1 Topographic Survey - West, P-1.2 Topographic Survey - East, P-2.0 Preliminary Site Plan, P-3.0 Preliminary Grading Plan, P-4.0 Preliminary Utility Plan, L-1 Landscape Planting Plan, L-2 Landscape Details, T-1.0 Tree Preservation Plan-West, T-1.1 Tree Preservation Plan-East, T-1.2 Tree Preservation List, T-1.3 Tree Preservation List, T-1.4 Tree Preservation List*), shall be limited to six (6-) total buildings and thirty (30) total units. There are two building types proposed: ranch style and single level living. Each unit will be 1,317 to 1,840 square feet and each will include an attached 1 or 2-car garage. The building materials shall consist of a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable low-maintenance materials.

Voluntary Conditions:

Under Section 405 of the Zoning Enabling Act (MCL 125.3405), the petitioner voluntarily offers uses and restrictions of the property as a condition to rezoning the land. The following conditions are provided voluntarily as conditions of rezoning approval:

- 1. The Site Plan is a condition of approval;
- 2. Conform to RT Zoning:
- 3. Development shall be limited to a maximum of 6-buildings with 30 total units;
- 4. Maximum Building Height shall not exceed 2 stories or 30' in height;
- 5. Maximum % of Lot Area Covered by Buildings will be thirty percent (30%);
- 6. Building Materials shall be a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable, low-maintenance materials;
- 7. Each Unit shall have a minimum of a one-car garage on the first level of each unit;
- 8. Additional Features & Amenities:
 - a. Community Park & Gathering Area;
 - b. Walking Trails Internal & External Sidewalks;
 - c. Ability to Connect to Troy Trails;
 - d. Exercise & Fitness Stations;
 - e. Butterfly Gardens;
 - f. Park Benches:
 - g. Livernois Frontage Landscape & Decorative Stone Walls;
 - h. Landscape Boundary Buffer Plantings & Preservation of Natural Features;
- 9. Significant Tree Plantings & Re-forestation;
- 10. No exterior refuse containers shall be used. Individual waste and recycling containers shall be stored in each unit's garage and placed at the curb on collection days in accordance with City ordinances;
- 11. Minor modifications to the site plan shall be reviewed, and if appropriate, administratively approved by the Community Development Director (Any such minor changes are those that in the City's discretion would not adversely or substantially affect the conditions of the re-zoning or the site plan).

Re-zoning Standards:

As set forth in Section 16.03.C, the Planning Commission shall consider the following:

- 1. The proposed rezoning is consistent with the Master Plan. If the current zoning is in the material conflict with the Master Plan, such conflict is does to one of the following:
 - a. A change in City policy since the Master Plan was adopted.
 - b. A change in conditions since the Master Plan was adopted.
 - c. An error in the Master Plan.
 - The City of Troy Master Plan designates the subject parcel as Single Family Residential, Social Neighborhood.
- 2. The proposed re-zoning will not cause nor increase any non-conformity.
 - Re-zoning to RT will not materially alter the view-shed that is currently visible from Livernois Road, so there would be very minimal impact and even that will be remedied through landscaping.
- 3. Public services and facilities affected by a proposed development will be capable of accommodating service and facility loads caused by use of the development.
 - The proposed number of multiple-family dwelling units is compatible with surrounding uses and zoning
 in terms of: Environment; Density; Traffic volumes; Aesthetics; Infrastructure; and Potential influence
 on property values.
 - All public utilities are available at the property and sized to accommodate the develop.
 - Livernois Road is capable of safely and efficiently accommodating expected traffic volumes generated by the proposed number of multiple-family dwelling units.
- 4. The re-zoning will not impact public health, safety, or welfare.
 - The capacity of public utilities and services is sufficient to accommodate the proposed number of multiple-family dwelling units without compromising the city's health, safety, and welfare.
- 5. The rezoning will ensure compatibility with adjacent uses of land.
 - Rezoning to RT is constant with the Future Land Use Map in terms of being a Social Neighborhood.
 - The proposed number of multiple-family dwelling units is consistent with the characteristics of surrounding buildings and uses.
 - The Condominium development will provide a transition between the Senior Living Development and the Single-Family District.

Re-zoning Standards/Reasons of Recommendation:

- A. The site's physical and other environmental features are compatible with the proposed number of multiple-family dwelling units.
- B. The proposed number of multiple-family dwelling units is compatible with surrounding uses and zoning in terms of the environment, density, traffic volumes, aesthetics, infrastructure, and potential influence on property values.
- C. The street system is capable of safely and efficiently accommodating expected traffic volumes generated by the proposed number of multiple-family dwelling units.
- D. The capacity of public utilities and services is sufficient to accommodate the proposed number of multiple-family dwelling units without compromising the city's health, safety, and welfare.
- E. There is an apparent demand in the City for this type of multiple-family dwelling units in relation to the amount of land in the city currently zoned and available to accommodate the demand.
- F. The rezoning of the property does not unreasonably impact the adjacent properties.

The proposed re-zoning will allow the site to be developed in a manner consistent with the City of Troy's Master Plan and maintain the intended open space buffer between proposed condominium and the existing single-family homes.

Thank you for your consideration,

PEA Group, Inc.

John B. Thompson, PE Senior Project Manager

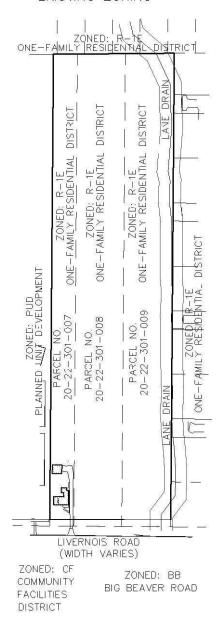
Cc: Joe Maniaci, Tableau by Mondrian

Attachment: Application

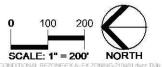
Exhibit A – Existing Zoning Exhibit B – Proposed Zoning

Exhibit C - Site Plan

EXHIBIT A EXISTING ZONING



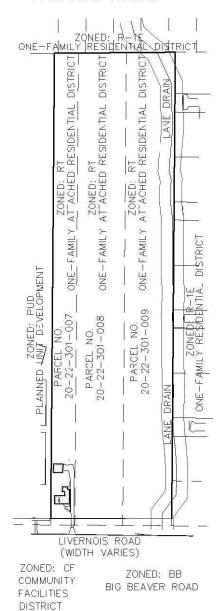
MONDRIAN PROPERTIES 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315



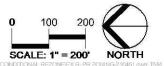
HOMESTEAD
3394 LIMBRIONS ROAD
CITY OF TROY, OMEAND COUNTY, INCHESAN
SHEET 1 OF 1
MARCH 25, 2022
2021-0451



EXHIBIT B PROPOSED ZONING



MONDRIAN PROPERTIES 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315



HOMESTEAD
384 LIVERNOIS ROAD
CITY OF TROY, DAYLAND COUNTY, MICHIGAN
SHEET 1 OF 1

SHEET 1 OF 1 MARCH 25, 2022 2021-0451



DEAD | PEA JOB NO. 2021-0451 | PRELIMINARY SITE PLANS

SECTION 7: PDF OF SITE PLAN FOR SUBMIT:

PRELIMINARY SITE PLANS

HOMESTEAD

3364 LIVERNOIS ROAD CITY OF TROY, OAKLAND COUNTY, MICHIGAN





	INDEX OF DRAWINGS
NUMBER	TITLE
	COVER SHEET
P-1.1	TOPOGRAPHIC SURVEY-WEST
P-1.2	TOPOGRAPHIC SURVEY-EAST
P-2.0	PRELIMINARY SITE PLAN
P-3.0	PRELIMINARY GRADING PLAN
P-4.0	PRELIMINARY UTILITY PLAN
P-5.0	PRELIMINARY PATHWAY PLAN
L=1	LANDSCAPE PLANTING PLAN
L-2	LANDSCAPE DETAILS
T-1.0	TREE PRESERVATION PLAN - WEST
T-1.1	TREE PRESERVATION PLAN - EAST
T-1.2	TREE PRESERVATION LIST
T-1.3	TREE PRESERVATION LIST
T-1.4	TREE PRESERVATION LIST

DESIGN TEAM

OWNER/APPLICANT/DEVELOPER CML ENGINEER TABLEAU BY MONDRIAN PEA GROUP
SOTIS SOFICIENTERS
SOTIS SOFICIENTERS
SOTIS SOFICIENTERS
SOTIS SOFICIENTERS
SOTIS SOFICIENTERS
CONTACT: JOE MANIACI
CONTACT: JOE MANIACI
PHONE: S86,728,7350
EMAL JAMAND GOMENORRIAN PROPERTIES.COM
MAIL JAMAND GOMENORRIAN PR

PERMIT / APPROVAL SUMMARY

ARCHITECT

MARTINI SAMARTINO DESIGN GROUP 920 E. LONG LAKE ROAD, SUITE 200 TROY, MI 48085 CONTACT: PAUL SAMARTINO PHONE: 245-524,0445 EMAIL: PSAMARTINO@HOTMAIL.COM

LANDSCAPE ARCHITECT

PEA GROUP
45 W. GRAND RIVER AVE., STE. 501
16 DETROIT. MI 48228
CONTACT: MIMBERLY DETZEL, RIAC
PHONE: 464 81.2494
EMAIL KDETZEL&PEAGROUP.COM

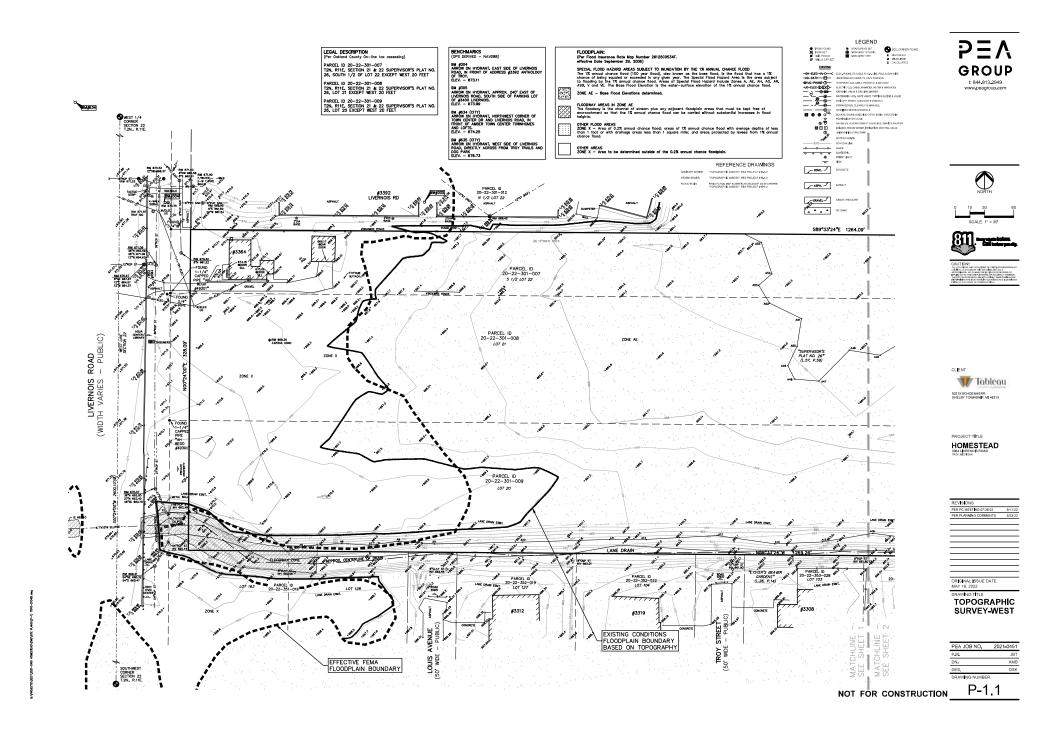
EMAIL MIMBERLY DETZEL RIAC
PHONE: 249, 872.0788
EMAIL JIM@JEPPINK.COM

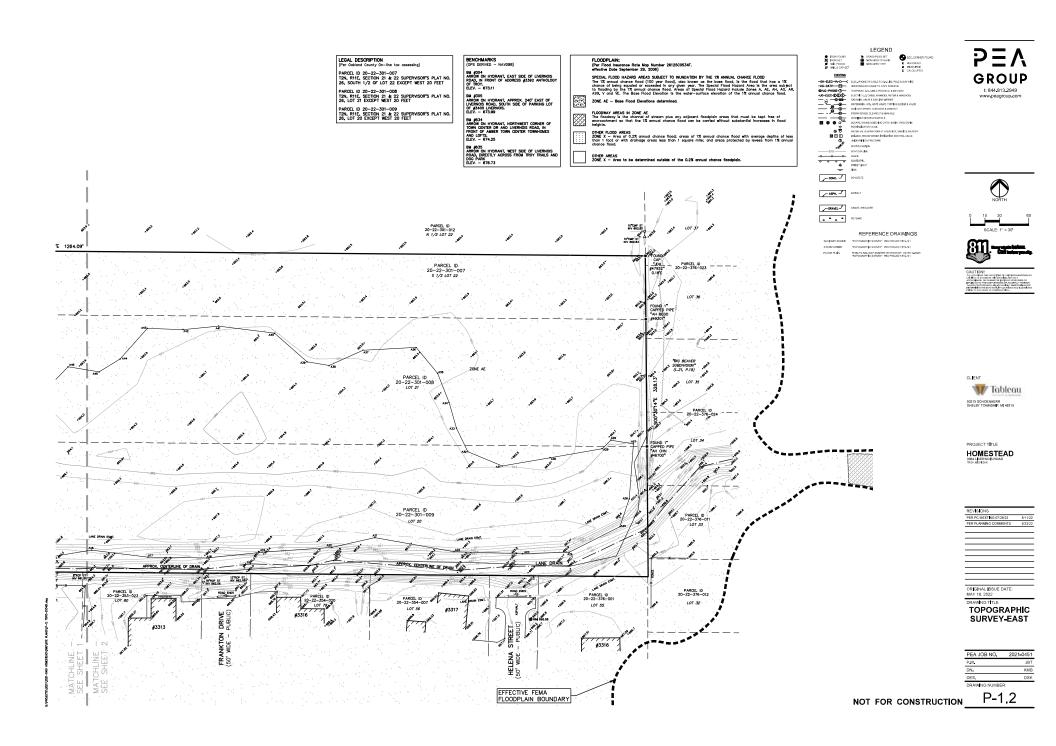
LANDSCAPE ARCHITECT











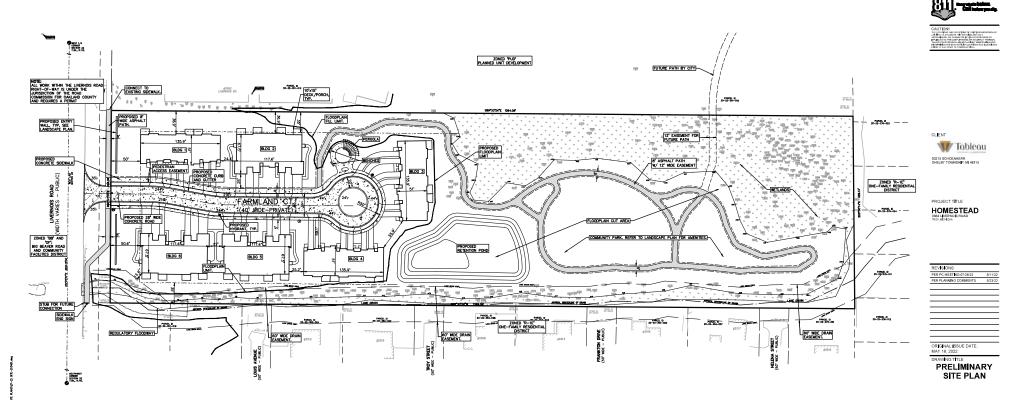






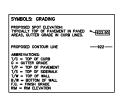






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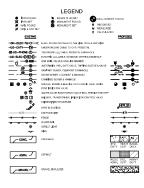
PROPOSED FLOODPLAIN

(50' MPE - PUBLIC)

PROPOSED DETENTION POND

FARMLAND CI.

SOUTHWEST CONNECT SECTION 22 TINC N'11L PARCEL D 20-22-30-012 N 1/2 (07 22











PROJECT TITLE
HOMESTEAD
3384 LIVERNO'S ROAD
TROY, MICHAGAN

REVISIONS
PER PC MEET NO 077822 811/22
PER PLANNING COMMENTS 823/32

ORIGINAL ISSUE DATE:
MAY 18, 2022

DRAWING TITLE

PRELIMINARY

GRADING PLAN

PEA JOB NO.	2021-0451
P.M.	JB1
DN.	KME
DES.	DSH
DRAWING NUMBE	R:

SECURED SECURE

20-22-339-013 20-23-339-013

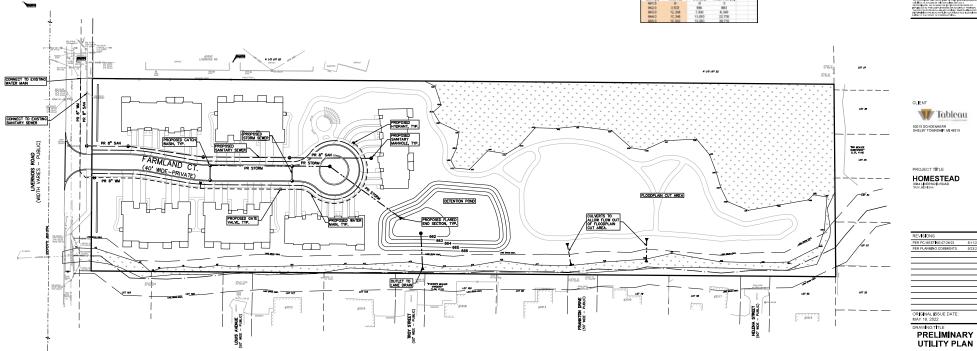
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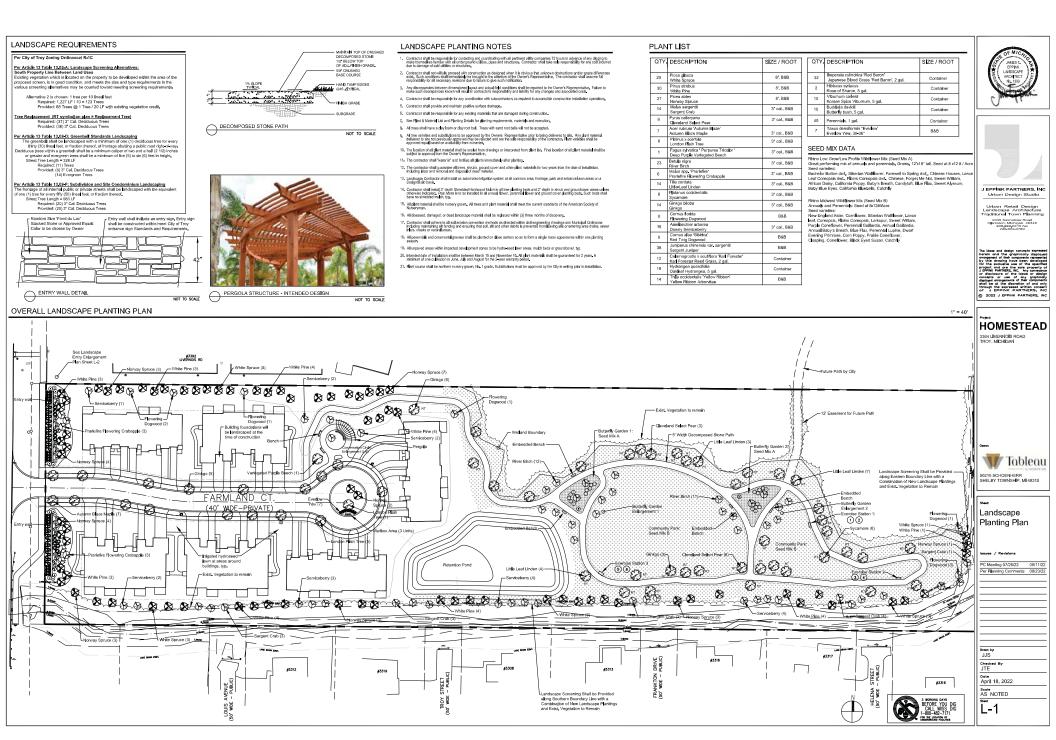


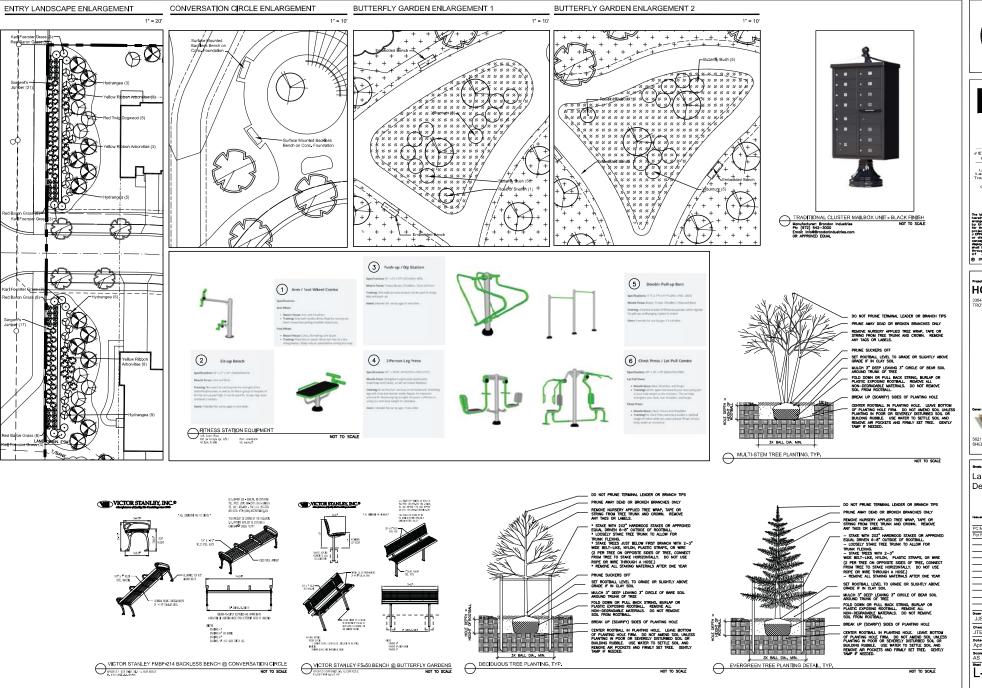




HOMESTEAD 3384 LIVERNOIS ROAD TROY, MICHSAN

ORIGINAL ISSUE DATE:
MAY 18, 2022
DRAWING TITLE
PRELIMINARY
PATHWAY PLAN









PPINK PARTNERS, INC Urban Design Studio

Landscape Architecture Traditional Town Plannin 9336 Sannabaw Rogs Clarkston, Michigan 48348 249-322-2416 fax

The Ideas and design concepts express herein and the graphically displays recognized if the component and the security of JEPHIN PARTICES, NC. Any conveyable displayed errorgaments of the component and the comp





Landscape Details

ues / Revisions

PC Meeting 07/26/22 08/11/22
Per Planning Comments 08/23/22

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Date
April 18, 2022

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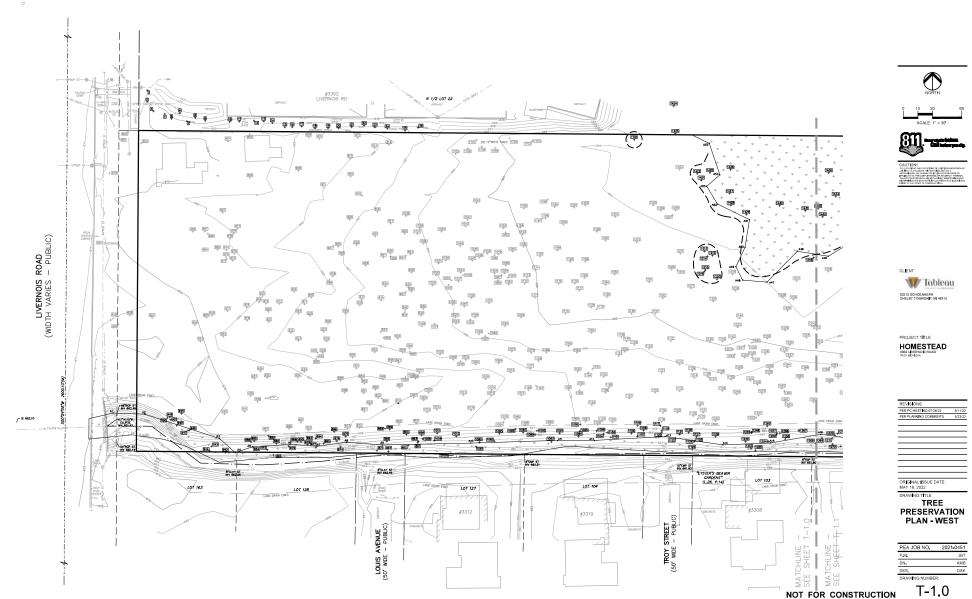
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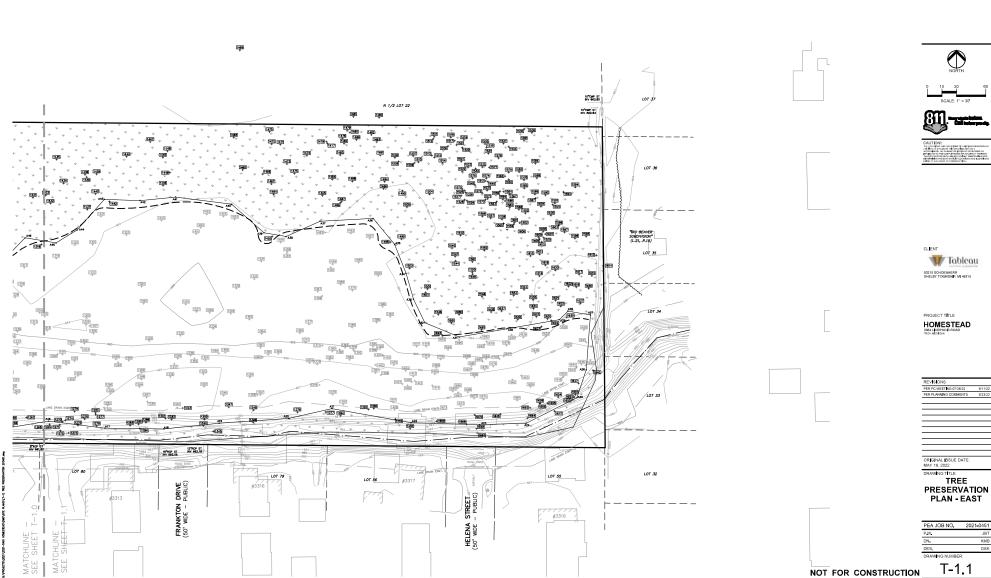
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*THEE PROTECTION FENCE













			COMMON NAME	LATIN NAME		COMMENTS	CLASS	SAVE / REMOVE		REPLACE
1001	B-M	3	Bilver-Massie	Astr-sesshorner	For		NAMA	R.	- 4	
1002	BM	18	Silver Maste	Aser sassborrum	Per .		NATANA NATANA	R.	¥.	-
1004	BM	7	Silver Maste Silver Maste	Acer sacoborners	Fee	_	NAVARANE	R	W.	-
1000	514	12	Sever Maste	Acer sacobornum	Gred		NVASAE	R		-
1000	NAME .	0		Acer sectionnum	Greed		NVASVE	, R		-
1007	ID/OW	14	None or Uspe Black Willow	Acer paranoides Sale high	Fier		NAMENT	- 6	¥	-
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1000	BM	7	Sever Maple	Acer asochernum	Fire		NVASNE		v	
1010	894	12	Sever Maple	Acer secthornum	Good		NAME	8	N	
1011	BM	10	Silver Maste	Acer sections	Fee		NVASVE	8	¥	
1012	514	13	Silver Maple	Acer saccharrum	Greed		NVASAS	9	V.	
1013	BK.	15	Non-eider	Aper regundo	Fee		NAMA	R.	¥.	
1014	1544	0.8	Silver Maste	Astracostoner	Prom		NAMES	R.	¥.	
1015	BVNW	19.	Block William	Balk /rig/a	Fie	H2	NVINENS	R:	W.	
1014	B×.	112	Box-eider	Aper regundo	Fee		NAMES	R	¥.	
1017	BK.	3	Box elder	Aper-regundo	Peer		NAME	R	М.	- 1
4010	amw	45.	Black Willow	Salengu	Fee		NAMES	R	*	- 6
1010	844	6	Görer Maple	Aceracochoinem	Figur .		NAVABASE	R	W-	- 1
1020	BM	12	Silver Maple	Acer sacchairum	Par		NAMES	R	W.	+
1021	EM.	14	Silver Maple	Ase sesterner	Fee		NAME	8	и.	- 6
1002	B-M	18	Salver Mayre	Acer eacchoiners	For		NAMES	R.	*	- 4
1023		6	A revisan libra	Umus americana	Good		NVABAN	R	¥.	
1004	BK	6	Box-eider	Acer-regundo	Very Poor	1	NVNENE	R:	W.	
1025	BK	6	Non-eider	Acer regundo	Fise		NAME	R	W.	-
1026	844	10	Silver Mayre	Aderecobarrum	Good		NVAINE	B.	- 4	
1027	BM	34	tioner Maple	Acta secohornum	Geed		NAMES	R	¥	-
100%	BM	18	Silver Maple	Acer sacobornum	Geed		NAMA		×	- 1
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1000	844	42	Silver-Maple	Acte accolorinum	Good		NAMENE	R.	¥.	-
1031	But	7	Silver Mayle	Acer saschorinum	Peer		NAVASAVE	R	¥	-
1010	BM	14	Sever Mayre	Aser + cockoinum	Geed	_	NVASAE	R.	V.	-
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1036	BK BK	42	Dox eider Dox eider	Aper tegundo	Wary Poer		NVASAS	R.	W.	-
1036	LIM.	24	White Multerry	Acentequado Monte elho	Foor Poor	100	NVASNE	R	-	-
1030	BK	10	Bio elder	Acer regundo	Peer		NAMA	- R	v.	-
1040	BK	12	Don-eider	Aper regunds	Peer	_	NAMES		¥	-
1041	PNI		Pla-Sherry	Prunus permuyivanica	Peor		MOODLAND	R	W.	-
1042	BM.	10	Silver Maple	Acer saccharrum	Fee	_	NVALINE	R	v.	-
1040	86	6.	Bloc elder	Acer-regunde	For		NAMES	R	¥.	
1044	LIMI	0	White Mulberry	Horse also	Fee		NAVABASE	8	¥.	-
1046	MAN	6	Vehicle Eduberry	Mores alte	Fee		NAMENE	R	W.	-
1046	BK.	7	Box eider	Acer-regundo	Peor		NAME	R	¥.	-
1047	5144	0	Stever Maple:	Aper sappharmem	Peor		NVASANI.	R	¥	-
1046	D-M	113	Giver Maste	Acta concholmen	Good		NATIONAL PARK	R.		
1040	But		Silver Maste	Acer-specholows	Per		NAME	R	W	
1060	844	0	Sever Maple	Acer sacchorner	Good		NAMA	R.	W.	- 1
1961	844	14	Silver-Maste	Astradockorown	Good		NAMES	R	W.	
1010	844	12	Sever Maste.	Aser sasshorners	FW		NVASAE	R:	V.	
1043	BH	14	Silver Mayre	Astr sessbarrum	Good	ieli.	NAVAGANE	R	W.	- 4
1061	SHI	10	Silver Moule	Assessorboinum	For		NAMES	R	W-	- 1
1065	544	5.8	Silver Maple	Acer excohorinum	Good		NAMES	R	¥.	
1046	BM	3	Silver Maple	Assessasshariners	Fee		NVABNE	R	¥.	
1017	SH4	142	Silver Maste	Acer saccharrier.	Good		NAMES	R:	W.	. 8
1066	BM	0	Silver Maple	Asersasohainum	Good		NAME	R	W	- 1
1060	644	6	Silver Maple	Acer sachorner	Fee		NAMA	B.	W-	-
1060	BM	142	Sever Maple	Astrosobornet	Good		NAME	R .	W.	
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1066	BM	6	Silver Maple	Acer secolarinum	Geed	_	NVASNE	R	У.	-
1067	BK.	6	Box-eider	Aper-regundo	Fee		NAMES	R	16	-
1060	BK.	21	Box-eider	Aper regundo	Peor		NAMA	R	V.	-
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1071	BM	12	Silver Maste	Acer sacchorners Acer sepundo	Geed	_	NATION NATION	R	¥	-
1071	B/W	24	Roc elder	Aper tegundo Salengra	Fee	-	NAMENE	R	V.	-
1070	BK	0	Black Willow Birs elder	Aper regundo	Poor	set	NAMENE		-	-
1076	MM4	2	White Multerry	Mone also	Geod		NAVABAR	B.	¥	-
1075	ID/W	12	Black William	Salenga	Fee		NAMENE	R	v.	-
1076	BMW	14	Black Willow	Salenga	Very Poor		NAVABAR	R	¥.	-
1077	BANW.	14	Black Willow	Sale ngra	Peer	162	NAME OF	B.	¥.	- 1
1076	ph ₄		Placery		For		WOODLAND	8	W.	REPLACE
1079	844	18	Sever Maple	Acer sacchornum	Good		NATION	R	W.	-
1080	CT	25	Cottonwood	Populus delibides	Good		NVAINE	9	V.	- 2
1081	D-M	6	Sever Maple	Acer secohornum	Pier		NVASAR	9	v	
1082	BM	0	Silver Maste	Acer secohernum	Good		NVASVE	8	¥	-
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1084	NM	6	Norway-Maple	Acer paranoides	Great		NAMA	R	W.	
1085	BM	0	Silver Maple	Acer sacobarrum	Par		NVASAVE	8.	v	- 4
1086	844	14	Silver-Maple	Astr sossborrer	Good		NAMES	R.	¥.	-
1087	CT	19	Cetterw cod	Populus defordes	Geed		NVASVE	8	¥	- 4
1046	844		Silver Maste	Assessantainum	Fee		NAMES	R	W.	
1080	CT	0	Cottens odd	Populus deltoides	Fee		NVASVE		V	
1090	CF.	19	Cetterw cod	Pop.ilus. delbides.	Fire		NVNSVE	R.	ν.	
1091	CF	16	Cofferw cod	Populus delibides	Good		N/ABVE	8	V	- 1
1092	Briw	25	Back Willow	Sale ngra	Per	×t	NAMA	9	¥.	-
1090	BM	15	Silver Maple	Acer secolarinum	Pair		NAME	8	V	
1094	3148	15	Gever Maple	Acer secobornum	Good	×2	N/ASVE	9	V.	-
1095	814	0	Silver Maple	Acersacoborrum	Par		NAMA		V	-
1096	EM	0	Silver Mayle	Acer saccharrum	Fee		NVASVE	8	Ý	-
1097	BM	10	Silver Maple	Acer sacobornum	Good		NAME	R	- K	-
	EM	10	Silver Maste	Acer sacobornum	Good		NAMA	R	¥	- 4
1099		20	Cofferny cod	Populus definides	Geed		NASAS	8	V	- 1
1090	CT									

1101	BM	- 9	Siver Maple	Aper sappharhum	Geod		NVASNE		- V	- 2
1142	EM	13	Sever Made	Adm secondrum	For:		NAMES OF	R .	¥	-
1100	66	16	Siberan Set	Unio punta	Foir-		NVNSNS	R:-	¥	- 1
1104	innw	20	Black Willow	flats rig/s	PW:		NVASNE	0	V	
1105		15	American film	Uma americano	Fire		NAMES	R.	V	-
1106	BK	8	Box etter	Aper regundo	Peor		NVASNE	- 1	i v	_
147	514	11	Silver Nach	Ader saccharinum	Geod		NAME	- 1	- v	
	114								1.0	-
106		18	Silver Maple	Ager saccharinum	Geod		NVAINE	1		
100	1144	15	Silver Maple	Acer secchartner	Geod		NAMES		¥	
101.01	BK	18	Box elder	Adminispando	Por:		NAMES	K:	¥	
1845	100	12	Siberian Em	Umas pures	Fee:		NAMENTE	Ř.	¥	
944	BK	148	Bion-eider	Acer requires	For:		AWINE	8	W	- 2
1113	ID/YW	30	Black Willow	Salkings	Per		NVASAR	R:	V	-
NA.	BK.	18	Bios elder	Acer regurdo	Neor		NAMES	R.	- W	-
414	844	12	Since Assule	Acer-societism	Poin		NATIONAL		- 4	-
13.16	BINNW	18	Back Willey	Sale nigra	Bear		Nechanie	8	- W	-
1117	BK	9	Box etter	Acer regundo	Fee		NVASNE	6	V.	
										-
1110	BK.	0	Siver Maple	Acer hepatide	For		NVASVE	R	- W	-
	344	7		Acer saccharinam	Peir		NAMES	8		-
1120	844		Silver Maple	Acer saccharinum	PW		NVASAR	8	¥	-
1121	DVW.	16.	Blas i Willow	Salk ng/a	Par		NVASAE	- 1	У.	
1122	544	.6	Silver Maple	Ager sacchartrum	Pair		NVAJAVE	6	V	
1123	844	140	Sever Asspte	Ader-socchartners	Good		NAMES	В.	¥	
1124	EM	9	Street Maple	Ader seddherfrum	Per		NAMES	6		- 4
1125	644	6	Silver Maple	Ader saccharinum	Per		NVASAR	6		
1126	0.44	12	Silver Naple	Actir secohorinum	Geod		NVASAR		V.	
1127	114	7	Silver Maple	Ager separation	Fair	xt.	NASAE	- 6	10	1
1120	100	17	Sterier Des	Umus pursa	Geod	-41	NVASNE	- 1	- 2	-
1120	67			Populus delibilies	Good		NAMENE	8		-
	BOW	23	Cotwow cod	Pagratia percebes	Reor					-
1130		16	Black Willow	Sale ngra			NVALENE			-
1685	BK	110	Box-eider	Acet repares	For		NAME	R:	¥	
4480.	lik		Sico-eider	Acer requires	FW		NAMES	R		-
1133	BK	6	Box elder	Acer regards	Neor		NVAINE	E	¥	
1194	enw	18	Many + William	Sale ng/a	Very Poor	0695	NVNSNB	R:-	W	
1135	WW	13	BlackWillow	Salengra	Pair	55	NVAINE	R	W	-
1136	BK -	18	Box elder	Aper hepundo	Par		NVASAE	R.	V	-
1187	aww	12	Bloo - Willow	Sale mg/s	Peor		NAMES	R:	- V	-
1130	BYW	13.	Bas i Willow	Salk ng/s	Very Poor	cess	NVASAE	80	· v	-
1180	Brow	18	Bas : Wiley	Sale ng s	Polit	est.	NAMENT		- č	-
	644									-
1140		15	Stren Maple	Aser-socoborinum	Poir	ash .	NAME	B.		-
1181	BWW.	18	Blac+ Willow	Galle Ingra	For:		NAMA	R		- 5
1142	aww	18	Blace Willow	Salengra	For:		NAMES	F	¥	- 1
1145	BK		Box etter	Acer regundo	Pair		NAMENS	R:	¥	
1184	BK	19.	Box etter	Acer regurido	Good		NVABAR	R:	V	- 2
1140	avw.	14	Black William	Galengra	Pair	m2	ANNUAL VIEW	R:		-
1146	BK.	12	Ditto Miler	Acer regures	Por		NAMES	8	W	-
1147	SA	6.	Green Aub	Frankus ge Insylvanica	Pair		NewNational	8		- 7
1140	BK	7	Box elder	Acer regundo	Peor		NVNSNE	8		-
1149	844		Silver Ataple				NVASAE	R.		-
1149	800	12	Siberian Em	Ager specharinum	Good		NAMENE	R.	- 4	-
1140				Umas partis		-				-
1885	aww	18	Bioc Willow	Salengra	Par	143 1	NVAINE	R:	¥	
1152	8.44	15	Sever Maple	Acer seccharisum	Par		NVASNE	R	- 8	
4140	844		Silver Maple	Asses a cook or thurn	Rece		NVNINE	R		
41.54	66	46	Siberan-Birt	Umas-puris	For-		NAMES	K .		-
1146	100	26	Siberian Elec	Umus pursu	Good		NAVAGANE		V	
4146	BK	12	Bion-eider	Acer reputes	Per		ANALIANSI		W	-
1147	mw.	17.	Bac (Willow)	Salengra	Pair	iet.	NVASNE	R	¥	-
11.50	BK	7	Son elder		Pair.		NAME	R.	- W	-
1140	BK.		Stor eider	Acer requires Acer requires	Par		NAME	8	- 2	-
*****	LIN.			Acces - responses	100		PROPOSITION			_
1160		6	White Malberry	Morat-allio Aper negundo	Por:		NAMES			-
1165	BK	ŵ	Bios etter	Apar regurdo	Feb		NAMES	R.	¥	
1162	MW	6	WithMuberry	Morat-alto	For:		Northine	R	¥	
1165	BK.	7	Box-elder	Acer regundo	Very Poor		NAMANE	R	- 14	
1164	144		Norw by Maple	Acer pasanoides	Good		NAMANA	R :	¥	- 2
1145	844	112	Stret Maple	Acer socclarium	Good		NVNSNS	R:	- V	-
1166	BK	7	Box etter	Aper regundo	Peor		NVABAR	R.	V	-
1167	84		Box etter	Acer-repute	Peor		NAMES	B.	- û	-
1160	BK	23	Box etter	Acer regures	Geod		NVASVE	R:	- v	
1160	BM	19	Sirver Maple	Ager sagglerinum	Geod		NAME			
1100	BK.	26	Box etter	Acer reputes	Fee		NAVAGENE		- 2	-
1171	BM BM	20	Silver Maple	Acces requires	For	at.	NAMES	R	1 5	-
1172		9	gever naphi	Acer seccharisum		301	ANALASI MARANA	R	*	-
	E44	2	Silver Maple	Ager-sasshartrum	Pair		NVASVE	-	¥	-
1173			American Em	Umus americano	Good		NAMES		- 1	
MH.	844	22	Sirver Maple	Ader saccharinum	For		NAMA	R.	¥	-
11.75	544	19	Silver Maple	Ager specturinum	Geod		NVASAS	R:	V	
1176	544	14	Silver Acapte	Astr-socialistrum	Georg		NVNINE	R:	¥	-
1177	EM.	40	Silver Macks	Ager-sacokorinum	Fee		NAMES	R.:	¥	
1176	844	6	Sirver Maryle	Astr sootharium	Poir		NAMES	61	¥	
1179	BK	18	Box elder	Acer regunds	For		NAMES	R	V	-
1180	10%	15	Back Valvut	Jugiana nigra	Good		MODOLAND	R.	- V	REPLA
1881		6	Armenan fire	Una mercero	Good		NAMES	B .	-	
182	10.	13	Silperior Elec	Uma puris	PW.		NAME		- 0	1
140	844	12		Anna partil		124	NAMENT	- 6		-
			SirerMaple	Ader social from	Good	143				-
141	844	142	Silver Maple	Assr-sockarinum	Good		NAMENE	R	¥	
185	544	20	Silver Naple	Ager sacchartnum	Geod		NVASNE	R.	- 2	-
186	844	18	Silver Maple	Aper-sapphartner	Good	HG	NAMES	R:	¥	-
147	HK	13	Hathberry	Celtis occidentalis	Good	10.0	LANCHARK	8:	¥	REPLA
180	844		Street Maple	Ager saccharbum	Feir	- 1	NVASANS	R	V	- 2
140	544	48	Silver Maple	Appreciation	Por	H2	NAMES	R.	¥	- 4
190	514	6	Sever Naple	Ager sepakerhum	Geod		NVASAR	8	- V	
190	844	18	Sire Made	Ager specification	Georgi		NAMES	8		_
	SM		Sirver Assole		Geod		NAMES AND THE PROPERTY OF THE P	8		-
	EM	20		Acer socchorhum		27		R		-
			Silver-Maple	Astr-sosshorinum		ret.	NAME		W.	-
1440	844	42	Sever-Morphs	Acer-soccharinum	Good		NAMES		- 4	-
1144	BK	11	Box etter	Acer regundo	Very Poor		NVASAR	R.:	V	
1195 1195			Silver Mode	Ager-saucharhum	Good		NVALINE	R:	- 6	
1195 1196	844	18						R		
1195 1196		18	A rescontile	Ulmus-americans	Peor		NAMES	R	W	
1195 1196 1197	844	48		Ulmus-americano Acer socclarinum	Peor		NVALINE	R R	V	-
1192 1195 1196 1196 1197 1190	E E	48	A rescon tim Silver Maple Silver Maple	Ager specifishism	Peor Pair Good		NATION NATION			=

12002	BK		Box eiter	Acer-regurdo	Very Poor		NAMA.	R.	W	
		21	American Em	Unus-americano	Good		NAME	R .		-
1200	BK.	- 6	Box etter	Acer requires	Wery-Poor		NAMA	R:	- 16	
1204	BK.	20	Blow enter	Acer regundo	Good		NAMA	R:	W.	-
1205		45	American Itim	Umin americans	Good		NAMES	R.:	Y.	-
1206		44	American Birn	Unus errensens	Per		POWENT	81	*	-
1207	BK	16.5	Box eiter	Aper regundo	Pair		NAMA	К.	×	-
1206	97%	0	Black Visitrut	Jugiana riigra	Good		MODOLAND	В.	¥.	REPL
1200	EM	9.6	Sirer Mode	Ader soccharinem	Por	26	NVASNII	R	W.	-
123101	BK		Box eider	Acer regundo	Peor		NAMES I		W.	-
1211		11	Aresion Em	Unus-arrensess	Pair	μt			, K	
1212	97%	10	Black Vehicle Black Vehicle	Augiana nigra	Good		MODOLAND MODOLAND	0	V V	-
1214	SM SM	10		Agens rigre Ager sappharinum	Fair		NVASAS	- 0	- ×	-
			Silver Maple							Η.
1215	E	10	Arterion Dn	Umus amendana	Per		NAME NAME		Y.	-
1216 8247	EM	14	American Bro Silver Maple	Assertance Assertance	Pair Fair		NAMA	- 1		-
1216	BK		Blos eider	Acer regundo	For:		NAMA	- 6	-	1
1216	BK		Box eiter	Acer regundo	Per		NAMA	B.	V.	-
1220	BK	0	Box effer	Acer tepundo	Pair		NAMES	8	· v	t -
1001	BK		Box erder	Acer regundo	Foir:		NAMANE .	8	×	_
19:10	KK	112	Siberian Em	Umus pumia	Pair		NAME	R	V	_
4220	86.	6	Box error	Acer-repures	Por.		NVMN4	E.	W.	_
12:24	BK.	6	Box eiter	Alber hegundo	Pair:		NAMA	R:	×	
1226	BK	.0.	Box eiter	Aper regundo	Per		NAMA	R	¥!	_
4226	544	54	SeverAsple	Asse sosshorinum	Foir		NAME	е.	- 16	_
1237	BM	45	Silver Maple	Acer sacoharinum	Good		INVAINA	E:	16	_
1228	BK.	6	Dos eiter	Acer-requires	For:		NAMA	R		_
1239	891	3	Sterar Be	Union punto	Peor		NAMAGE	R:	*	_
1210	BM		SeverMaple	Acer saccharinum	Par		IMMME	8	¥	_
4200 4200	BK. BM	3 14	Box etter	Acer regures	For		NAME NAME NAME NAME NAME NAME NAME NAME	R R	¥.	-
1210	BWW	14	SilverNocks	Ader ecohorinum	Good		NAME BARNA	R	- K	-
	BWW	34	Base Allow	Salkingra	Peor		NAMES OF THE PARTY		- E	Η.
1214 1216	BWW	11.2	Base May	Salengra Salengra	Fair		BANKANA BANKANA		- W	-
1216	BX	6	Block Millow- Block either	Acer regundo	Pair		NAMA NAMA	R)	- K	+ -
12187	BK.		Bio eller	Acer regundo	Plan		NATIONAL BANGSANA		- 2	-
1230	BWW	11.	Bassinia	Salkingra	Wery Poor		NAMA	R.	×	-
1210	BK	1	Box errier	Acer requires	Phor		NAMA		-	—
1240	avw	16.6	Bassidee	Galengra	For		NVAINE	8.		
1241	BM.	6	Silver Maple	Acer sacoharinum	Good		NAMES	R.	¥.	T-
4240	BK	16.5	Doc-eries	Acer-requirés	Heor		NAMES OF			1
1240	BK	6	Box wifer	Acer regundo	Peor		NAME	R:	×	_
12044	BK	-0.	Box eiter	Acer regurdo	Pair		NAMA	R	V.	_
4244	BK.	44	Box-enter	Acer-requireds	Pair		SAMONE .	R		
1246	BWW.	14	Black Willow	Galengra	Wery-Poor		NAMA	E .	. K	_
1247		. 8	American film	Unio-arrendano	For		NAMA	R .	ν.	
1240	BM	6	Strectwick	Alter sacchartnum	PW		NVMINE	6	V.	_
1249	SM	8	Silver Traple	Ader saccharinum	Per		NVASNE			
1246	BK	14	Box eiter	Acer-regundo	Very Poor		NAMA	8	¥.	-
12.51	SWW	34	BackWay	Sels nigre	Per		NVMSVE	6 R	Y.	-
12040	BM	11	Sterar tim Strer Wale	Umus pumis	Peor		NAMA	6		-
1250	SM	0	Serer Maple Serer Maple	Ager separation Ager separation	Par		MASNE	6	V.	-
1246	897W	0	BackWillow	Sale ngra	Par		NAME		-	-
12.66	CT	21	Coffena cod	Popular delibides	Good		NAMA		1	1
10147	BM.	6	Silver Maple	Acer seccharinum	Good		NAME	1.	· v	
12.50	514	0	Silver Maple	Aper saccharinum	Per		NAME		· v	1
12.59	BK.		Box eiter	Acer (wpunds	Per		NASAE	8	V.	1
1200	BK.	8	Box sitter	Acer regundo	Peor		NAMA		v	1 .
1241	BK.	6	Box eiter	Aper regurdo	Par		NAMA	R:	- 10	_
12002	60%	54	Black Weinst	Agans-rigra	Good		WOODLAND	R.	W.	REP
12965	648	11.6	Silver Maple	Ager sappharinum	Pair		NAMA	F	- 6	_
1264	arm.	11.6	Black Vehrut	Agims rigra	Good		WOODLAND	# C	¥	ARF)
12/65	eww.	11.6	Blace Willow	Salengra	Wery-Poor		NAMANE	R.	16	
12166	10YYW	31	Black Millow	Salkingra	ivery Poor		NAMA	8	ν.	
12007	SM	112	SeverWaste	Activ saccharinum	Pair		MASNE	6	¥.	1
1200	BM	6	Sirver Waste	Acer saccharinem	Par		MASNE		¥.	-
	BM	3	Sirver Maple	Acer saccharinum	Par		NAMA	6	8	-
1249	GT BK	13	Cottony odd	Popular Selbides	Good		NAME NAME	6.	×	1
1270		93	floo elder Cottone odd	Acer regundo Populus delloides	Par Good		NASAE NASAE		, v	1
1279 1271			Cottona odd Sirver Macke	Acer saccharinum	Par		NAMA		· ·	1
1270	CT	95								1
1279 1271 1272	CT		Communicati	Popular deligites	Good	w1	NAMA		- V	•
1279 1271 1272 1273 1274	CT BM	95		Popular defoides Acer saccharinum	Good	M1	NVASVE NVASVE	8	¥	
1279 1271 1272 1273 1274 1275 1276	CT BM CT BM CT	10 21 0 25	Cottons cod Sitrer Naple Cottons cod	Acer seccharinum	Good	H1	NAMA NAMA NAMA			
1279 1271 1272 1273 1274 1275	ET BM CT BM	1) 21 6 25	Cottons cod Sitrer Naple Cottons cod		Good	HT.	NAMAGE	8	V.	
1279 1271 1272 1275 1276 1276 1276 1277	CT BM CT BM CT	1) 21 6	Cottona cod Silver Maple Cottona cod Silver Maple	Ager saccharinum Populus derbides Ager saccharinum Ager saccharinum	Good Good Good	at.	NASAE NASAE NASAE NASAE	8 8 8	V.	
1279 1271 1273 1275 1276 1276 1276 1276 1276	CT BM CT BM CT BM BM BM	10 21 0 25 10 10	Cottons cod Sin er Maple Cottons cod Sin er Maple Sin er Maple Sico eider	Acer sectionism Popular debides Acer sectionism Acer sectionism Acer sectionism Acer sectionism	Good Good Good Good Paor	a1	NAME NAME NAME NAME NAME NAME NAME NAME	15 15 16 16 17	v v v	
1279 1271 1272 1273 1274 1276 1276 1276 1276 1276 1276	CT BM CT BM CT BM BM BK BK	1) 21 0 25 1) 1) 6	Cottons cod Sin er Naple Cottons cod Sin er Naple Sin er Naple Sico eider Sico eider	Acer sectharism Popular delbides Acer sectharism Acer sectharism Acer sectharism Acer sectharism Acer sectharism	Good Good Good Good Pleor	м	NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE	5 5 6 7 0	K. K.	
1279 1271 1272 1273 1274 1275 1276 1277 1276 1276 1280 4341	CT BM CT BM CT BM BM BK BK	1) 21 6 25 1) 1) 6 1)	Getenn cod Sirver Naple Codenn cod Sirver Naple Sirver Naple Siccessor Siccessor Siccessor Siccessor Siccessor Siccessor Siccessor	Acer seccharinum Populus delibides Acer seccharinum Acer seccharinum Acer negundo Acer negundo Acer negundo Gella negra	Geod Geod Geod Geod Peor Peor Pae	at .	NAME NAME NAME NAME NAME NAME NAME NAME	15 15 15 15 15 15	V V V V V V V V V V V V V V V V V V V	
12/70 12/71 12/72 12/73 12/76 12/76 12/76 12/76 12/76 12/76 12/80 42/84 12/86 42/84	CT BM CT BM CT EM BM BK BK BK	1) 21 0 25 1) 1) 6 1) 8	Cottons cod Sirver Napte Cottons cod Sirver Napte Sirver Napte Siccuster Siccuster Sirver Napte	Ager saccharinum Populus defloides Ager saccharinum	Geod Geod Geod Geod Picor Picor Fise Geod	at	NAMEDIE NAMEDIE NAMEDIE NAMEDIE NAMEDIE NAMEDIE NAMEDIE NAMEDIE NAMEDIE NAMEDIE	\$ 6 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	K. K	
1279 1271 1275 1275 1276 1276 1276 1276 1276 1286 1286 1280	CT BM CT BM CT EM BM BK BK BK BK	1) 21 0 25 1) 1) 6 1) 8 1) 8	Cottons cod Silver Maple Cottons cod Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple	Ager septiaritism Papular debades Ager septiaritism	Good Good Good Ploor Ploor Plan Good Good	x1	NAMENE NAMENE NAMENE NAMENE NAMENE NAMENE NAMENE NAMENE NAMENE NAMENE NAMENE	5 6 6 70 10 10 10 10 10 10 10 10 10 10 10 10 10	V V V V V V V V V V V V V V V V V V V	
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12/10 12/11 12/15 12/15 12/16 12/15 12/16 12/15 12/15 12/15 12/16	CT BM CT BM CT EM BM BK BK BK BM	10 21 0 25 10 10 10 10 11 10 11 10 11 10 11	Cottons, cold Silver Musle Cottons, cold Silver Musle Silver Musle	Ader seichertwein Rigulas dettodes Ader seichertwein Ader seichertw	Good Good Good Picor Picor Picor Good Good Good Pior Picor	MT.	NAME NAME NAME NAME NAME NAME NAME NAME	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6	
1279 1271 1275 1275 1276 1277 12776 12776 1276 1286 1286 1286 1286 1286 1286 1286	CT SM CT SM	10 21 0 25 10 10 10 10 11 10 11 11 11 11 11 11	Cottons codi diner Mupie Comers codi diner Mupie Diner Mupie Box etiter Box etiter Diner Mupie Diner Mupie	Acer secchariment Poulus desiches Acer secchariment Acer seccharime	Good Good Good Ploor Ploor Plan Good Good Fair Ploor Good	PK.	NAME NAME NAME NAME NAME NAME NAME NAME	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	#2 #2 #2 #3 #4 #4 #4 #4 #4 #4 #4	
1279 1271 1275 1275 1275 1275 1275 1275 1275	CT SM CT SM	10 21 0 25 10 10 10 10 10 10 10 10 10 10 10 10 10	Cottons cod Sincer Majob Cottons cod Sincer Majob Sincer Majob Sinc	Acer seccharitum Rejula delibides Acer seccharitum Acer s	Good Good Good Paor Poor Far Good Good Far Poor Good Far Poor		NAME NAME NAME NAME NAME NAME NAME NAME	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	A A A A A A A A A A	
1279 1271 1271 1271 1271 1271 1271 1271	CT BM CT BM CT BM	10 21 0 25 10 10 10 10 10 10 10 10 10 10 10 10 10	Cottons and direct Major Cottons and Direct Major Direct Major Blook of Major Blook of Major Blook of Major Direct Major D	Acer socitarium Popula delibites Acer sociharium Acer socihari	Good Good Pace Pace Good Good Pace Pace Good Good Face Pace Good Face Pace Very Pace	at	NAME NAME NAME NAME NAME NAME NAME NAME	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	
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HOMESTEAD 3384 LIVERNOIS ROAD TROY, MICHSAN

REVISIONS	
PER PC MEETING 07/26/22	8/11/22
PER PLANNING COMMENTS	8/23/22
-	
ORIGINAL ISSUE DATE:	
MAY 18, 2022	
DRAWING TITLE	
TREE	
PRESERVAT	ION
	ION
LIST	

1964 1962 1960										
	EWW	12	Block Allique	Sale regra	Paor		NAME	R.	¥-	-
1300	EVW	11	Black (Allow	Salk rigra	Poor		NVASNE	R	V.	
	EWW	48	Bassillow	Salverigra .	Hapr		NAME	R:	W-	
1304	BK	4	Box eiter	Aper required	Fair:		NUMBER	R	W.	
1305	BK	6.	Box elder	Acer regundo	Paor		NAME	R	ν.	
1300	BM	43	Silver Maple	Acer excohorinum	Fee		NAME	R.	W-	
1997	BM	18	Silver Maste	Astr socchartrum	Good		NAMES	B.	v.	- 1
1306	BM	16	Silver Maple	Acer saccharitym	Fair		NAMA	R	V.	
1300	8WW	18	Base Allow	Sale rigra Sale rigra	Hoor		NAME	R.	¥-	
1310	RWW	16	Base Wee	Salk rigra	For:		NAME	R:	¥.	
1011	EWW	12	Back New	Salv rigra	Peor		N/ASME	R	v	
1012	BM	14	Silver Made	Astr 4000hortnum	Good		NAVAME	B.	¥-	- 4
1315	EWW	18	Black Allow	Salk rigra.	Roor		NAVADAGE	R:	ν.	
1964	BAI.	12	Silver Maple	Asse soccharinum	Fair		NAME	R	W	- 4
4345	EM.	.0	Silver Maple	Acer-socchartnum	Wery Poor		NAVAGNE	p.	V.	- 7
1316		0	American Elm	Unus arrendaes	Peor		NAVNENSE	R:	¥.	0.00
1917	BOW	12	Black Wolfred	Agananigra	Good		MOCODLIMO	R.	¥.	REPLACE
1018	DA		Green Aub	Fracinus ple may wanks	Page.		NACHARASI		V.	-
1310	WW	0	White Malter my	Monus also	For		NATALINE	p.	V.	-
1320		12:	American Elm	Unus arrentees	Fair.		NATABASI	pi .	V.	- 7
1001	HW.	142	Back Votes	Aganings	Good		MODDLIMD	я		REPLACE
1322		3	American film	Umus arrendass	Pair:		NAMENT	R:	V.	-
4000	4	42	American Elm	University and	Good		NAME	В.	¥.	-
1324	IW	48	Black-Wohnut	Agaserigea	Good		WOODLAND	R.	V.	REPLACE
1325	BK	12	Box war	Aper regundo	Far		NA/AUDARE	В.	V	-
13/26	BK	3	Box eider	Acer regundo	Fair		NAME		- K	-
1927	BK.	12	Box eiter	Aper regundo	Paor		NAME	R	v	1
1320	BK BK	12	Box eiter	Aper regundo	Fair		NAME	F F	¥.	-
4320	BM .	6	Silver-March	Astr-sosshortrum	Very Poor	6604	NAME		-	-
1330	DEAL STATE	12	Buck Wahrel	Agentages	Good		WOODLAND	8	v.	REPLACE
1331	BW	12	Back Weltur	Aganings	Good		WOODLAND	R.	÷	REPLACE
133	EWW.	12	Book Walley		Rece		NAME	R R	*	- nereval
1000	BK.	92	Box eller	Galle regro Acer regundo	Paor Paor		NAVASNE	B B	- V	-
1334	BW.	0	Back Yeshor		Good		WOODLAND	- 2	-	REPLACE
4384 4386	BW.	10	Bush-Wohres Bush-Wohres	August riges	Fair		WOODLAND	8	¥.	REPLACE
1335	BW.	13	Box sider	Auguma nigea Apar negundo			N/ASNE	R R	v.	mercAGE
1335	BK BK	15	Box Miler	Aper regundo	Fair Paor		NAME OF THE PARTY	R R		-
			Box elder	Acer-requirido Acer-requirido		-	NAME		¥.	-
1336	BK.	42	Box eider	Acer-requires	Par	W	AVADAM	я.	¥.	
1330	BK	12	Box etter	Aper regundo	Very Poor		NAMAN	ji ji	V.	
1340	BW.	6	Black Wellfull	dugana nigra	Fair		MOODLAND	R .	V	REPLACE
1341	BM	11	Silver Maple	Ader seccharthum	Par		N/ASNE	8		
1542	BM	18	Silver Maple	Astr sechatrum	Good		NAME	6	V	-
1347	BK	12:	Box eiter	Aper regundo	wery Poor		NAME	6	V	
1344	BM	12:	Silver Maple	Aster saccharitrum	Good		NVAINE	8	V	
1345	SM	7	Silver Maple	Acer seccharitrum	Good		N/ASME	6	V	
1346	811	18	Siberur-Eins	Ulmus puesta	For		NAME	R.	W-	-
1347	BK	15	Box waer	Aper regardo	Par		NUTABINE	- 6	¥	- 4
1340	BK	16	Box sider	Aper regundo	Fair		NATACINE		- K	
1349	EM	7	Silver Maple	Acer seccharinum	Good		NAVASINE	10	ν.	
1360	BK	7	Box elder	Apar regundo	Fair		NASNE	6	V	
4361	EWW	44	Black Alliber	Galle Hights	Reor	145	NAMES	p.		- 6
1362	EWW	18	Back (Now	Salv rigra	Peor		NAME	R	V	- 8
1960	BK.	45	Box eider	Aper regundo	Wery Poor		NAME	R.	¥.	
1361	EDVAW!	16	Bass Allow	Salk rigra	For:					
1345							F4/ASS/ED	R.	V.	
	BK	14		Apar Avoundo		ari ari	NAME NAME	R R	V.	
1346	BK		Box elder	Apat Aegundo	Fair	Mi Mi	NAVASNAS			-
1346	EWW	24	Box elder Black Allow	Aper-regundo Sale regra	Fair Poor		NAME NAME NAME WOODLAND	R.	V.	BERAGE
			Box elser Basic Allow Back Walnut	Apar Argundo Salis regra Auguno regra	For Foor Good		NAME NAME WOODAND	p p	¥.	REPLACE
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1501	SM	12	Silver Neote	Ader saccharinum	Good		NVASNE	10	ν.	
1542	SM		Directivecte	Ager sections un	Good		NVASNE	8	×.	
1590	IW	7	Brick Yells of	Augiana migra	Good		CAAJOOON	- 0	V.	г
594	34	7	Green Ash	Francis pensylvanica	Peor		NVASVE	- 8	v.	г
505	34	6	Green Ask	Fracinus penseyivanica	Good		WASAR	- 6	v	Н
X00	SM	0	Silver Maple	Acer sectioninum	Good		NASVE	-	· ·	Н
907	E SM	0	Anterioan Din	Who seeds	Pair		NVASVE		¥	\vdash
										⊢
400	IM	13.	Silver Nacks	Acer saccharinum	Good		NVASVE	- 8	×	-
500	£	8	American titre	Unus americana	Good		NVASNE	- 0	V	-
510	SM	12	Silver Muple	Adminischerinum	Good		NVASNE	- 6	V.	_
51"	*		American Em	Urus americans	Poir		NVASAE	15	ν.	
112	DM	19.	Silver Nesote	Acer sections in	Good		NVASVE		¥.	г
618	ε	0	American Ebn	Unus americana	Geod		NVASAE		¥.	
51×			American Em	Unu amricino	Per		NVASNE	9	V	Н
1515	SM	12	Sever Necds	Acer section un	Good		WASNE	-	- v	⊢
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1510	E	10	American Ibn	Unus arendess	Per		NVASVE		ν.	⊢
1517	EAM	12.	Silver Maple	Ader sacoharinum	Good		NVASAE		ν.	┖
1510	DM	3	Silver Mesple	Ader saccharinum	Good		NVASNE	10	V.	_
1519	SM	11	Silver Nepte	Ager septimentum	Good		NVASNS		ν.	
15/20	BM	. 6	Bilter Medie	Admir saccharinum	Good		NVADAR	10	ν.	
1521	BM	8.	Silver Made	Ade: saccharinum	Geod		NVASVE	8	ν.	г
1832	DAI	13	Silver Naple	Age: saccharinum	Good		NVATAR		V	г
1520	SM	12	Silver Neaple	Acer sectioninum	Good		NVASNE	5	V.	
1524	SM	7	Silver Macke	Ager saccharinum	Good		NAME	8	V	Н
1825	DM	12	Silver Nesche				NAME	8	Ŷ	⊢
1526	SM	0		Ade/ saddharmuri	Geod		NVASAS		-	⊢
			Silver Nacke	Acer saccharinum						⊢
1527	DM	.0	Sirver Maple	Ader Leccharinum	Geod		NVMINE	- 8	¥.	┖
15/20	SM	12	Silver Nesphi	Acer saccharinum	Good		NVASNE			
1529	BM	12	Silver Neob	Acer saccharinum	Good		NVASNE		- V	ш
1530	EM	7	Sirver Majole	Ace: saccharmum	Good		NVASNE	8	ν.	Г
1531	DAI	1F	Silver Naple	Acer saccharinum	Good		NAMA	- 10	ν.	г
15182	E	12	American Em	Orse arendano	Pair:		NASNE		V.	г
1530	£	10	American Em	Urus arendess	Peor		WASNE	8	è	Н
1534	DM	15	Silver Negoto	Ader saccharinum	Good		NVADVE	- 0	è	Н
1594	DAI	25		Acer section in	Good		NABAE	- 0	- 5	Н
1536		65	Silver Macde	-on secondarian					· ·	⊢
	£	12	American Em	Umps americano	Par		NATIVE	s		⊢
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1536	SM	12	Direct Media	Acer satchartrum	Geod		WASVE		ν.	L
1539	IM	15	Silver Macke	Ader sarcharinum	Geed	142	NVASNE	8	V.	L
1540	SM	12	Silver Naple	Acer saccharinum	Good		NASNE	8	ν.	Г
1541	SM	8	Silver Mepte	Ader sections in	Good		NVASNE	8	ν.	Г
1542	DM	2	Sirver Nesolo	Age: saccharinum	Good		NVASNE	- 0	ν.	г
1540	tw	0.	Black Years at	Augusts regra	Geod		CANJOON	10	v	г
1544	34	0	Green Ask	Frantisco person ivenico	Pair:		MAINE	8	v	Н
1545	E	8	American Em	Urus arericina	Per		NASNE	8	v	Н
1546	SM	15	Silver Necks	Annual contracts	Good		NVASNE	8	Ÿ	Н
				Ader sectioninum						⊢
1547	DAM	8	Silver Macde	Ager saggharmum	Good		NVASAR	- 11		Η-
1540	SM	25	Silver Medie	Acer saccharinum	Good		NVASNE	- 8	¥.	┖
1549	EM	15	Silver Neschi	Ager saccharinum	Geod		NVASNE	6	V	┖
15-60	BM	0	Silver Neople	Ade: sacharnum	Good		NVASNE		ν.	∟
1541	SM	21	Silver Nepte	Acer saccharmum	Geod		NVASVE	8	ν.	ட
1542	IM	0	Silver Neight	Ager seconarinum	Geod		NAMES	10	ν.	
1543		6.	American Elm	Unus americana	Geod		NVASNE	8	V	г
1554	SM	0	Sirver Maple	Ager saggharinum	Per		NVASNE	8	V	г
1545	ε	6	American Elin	Unus americans	Good		NVASNE	8	V	Н
155-60	DAI	13	Silver Macke	Acer saocharinum	Geod	H1	NAMES	- 8	Ý	Н
1547	DAI	12	Silver Nucle	Ader saccharinum	Geod		NVASNE	- 0	V.	Н
1560	SM	3	Silver Maple	Age: saccharinum	Geod		MASNE	- 1	· ·	⊢
1549	SM	7	Sirver Needle	Age: sacchamum	Good		NASVE		÷.	⊢
10/99	DAM				Geod		NVASVE		· ·	⊢
1560	DAI	8	Silver Made	Acer saccharmum			NAME OF THE PERSON OF T	- 0	· ·	⊢
			Silver Nesple	Ace/ saccharinum	Good		NASAS			₽
1562	SM	12	Silver Macke	Acer saccharinum	Geod		MASNE	9	V.	┡
1565	SM	0	Silver Neigh	Aper saocharinum	Good	x1	NVASNE		- K	L
1564	DM	6	Silver Neicle	Aloe: Leopharmum	Geod		NVASNE	8	Κ.	L
1565	BM	8	Silver Maple	Ager saggharinum	Good		NAME	- 1	¥.	Г
1560	SMI	18.	Direct Maple	Ader saccharinum	Geod		NVASVE	- 0	V.	Г
1547	SM	6	Silver Maphs	Ager saggharinum	Good		WAINE		V.	г
1568	BM	6	Diver Neote	Ace: sections in	Geod		NVAINE	- 10	V.	г
1569	CT	25	Options odd	Populus petogres	Peor		NVASNE		¥	г
1570	DAT	2	Silver Needle	Age/ saocharinum	Good		NASVE	8	v	Н
157-	SAI	7	Silver Naple		Good		NVASNE	6	· ·	Н
1672	DAI.	16	Silver Nacie	Ader saldsharinum Ader saldsharinum	Good		NASAS	8	- v	Н
1873	DM	0	Silver Naces	Acer saccharinum	Good		NASAE	-	· ·	۰
	DAI								v.	⊢
1874		8	Silver Much	Ader sectionism	Good		NAME	- 0		⊢
1575	SM	6	Silver Neschi	Ager seacharinum	Geod		NVASNE		V	⊢
1576	E	6	American IDm	Unus americana	Pair		NVASVIS		¥	L
1877	SM	15	Silver Necde	Acer saccharinum	Geod		NVASNE	10	¥.	Ľ
1579	BM	13	Silver March	Ager saggharmum	Good		NVASARE	- 10	V	Ľ
1579	SM	7	Silver Neote	Acer saccharinum	Per		NVASNE	- 1	- K	Г
1580	SM	15	Silver Nesole	Acer's accharinum	Pair		NASNE	16	V.	Г
1541	E	6	American Em	Unus enercies	Pair		NVASNE		V.	г
1542	DAI	3	Silver Maple	Acer sacthamum	Good	M1	NVASVE	- 0	÷	Н
1540	DA	16	Silver basele	Ager saccharmum	Geod		WASAE	- 1	v	Н
1564	SM						NASAS			۰
		15	Silver Nacks	Ader saccharinum	Geod			- 1	Y	⊢
1585	SAF	6	Silver Nacht	Ader sacchartrum	Good		NVASVE		V	⊢
1546	BM	6	Silver Maple	Ader seotherinum	Pair		WASNE		¥	L
1547	DAI	15	Sirver Nacke	Ace/ saccharinum	Good		NASAE	- 8	V.	Ľ
1546	SM	15	Silver Neode	Ader sections un	Geod		NASNS	11	V.	Г
1549	SM	22	Silver Muscle	Ager sacchartnum	Good		NAMES	- 0	¥.	г
1590	EM	6	Silver Nepter	Age saggharhum	Geod		NVASAS	- 1	ż	Н
1591	DM				Geod		NASAS	-	÷	H
		20	Silver Nace	Acer sacthamum						۰
1592	DAM	15.	Silver Neople	Acer saccharinum	Good	x1	NVASNE	- 8	K	L
1590	SM	6	Silver Maple	Acer saccharinum	Pair		NASNE	0	V	L
1594	DK	15	Box eider	Acer regundo	Pair		NVASNE		V.	Ľ
1595	BIK	16	Box stiler	Aper regundo	Pair		WASNE	8	ν.	Г
1590	DAI	25	Silver Maple	Acer saccharinum	Good		NAMES	- 11	V.	г
1547	SM	7	Silver Maple	Ager saccharinum	Geod		NAME	- 1	÷	г
	E		American Em	Umus americans	Fair		WATEN	-	- v	Н
1590		26	Silver Nacide	Acer sagharnum	Good		NASAS	-	· ·	Н
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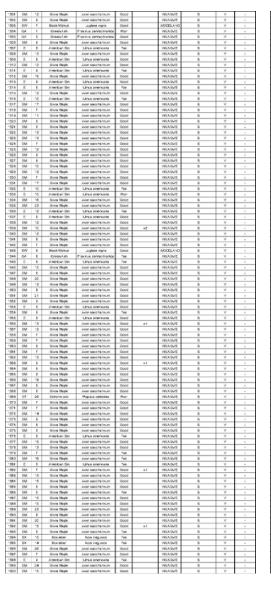
HOMESTEAD 3384 LIVERNOIS ROAD TROY, MICHSAN

REVISIONS	
PER PC MEETING 07/26/22	8/11/22
PER PLANNING COMMENTS	8/23/22

ORISINAL ISSUE DATE:
MAY 18, 2022

DRAWMINGTITLE
TREE
PRESERVATION
LIST

PEA JOB NO.	2021-0451
P.M.	JBT
DN.	KMB
DES.	DSK
DD MAING NUMBE	D-



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113" TOTAL DBH REQUIRED FOR REPLACEMENT



САЦТЮМ!!

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PROJECT TITLE

HOMESTEAD
3384 LIVERNOIS ROAD
TROY, MICHANI

REVISIONS

PER PC MEETING 07/26/22	8/11/22
PER PLANNING COMMENTS	8/23/22

ORIGINAL ISSUE DATE: MAY 18, 2022 DRAWING TITLE

TREE PRESERVATION LIST

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CONDITIONAL REZONING

5. <u>PUBLIC HEARING - CONDITIONAL REZONING (CR JPLN2022-001)</u> — Proposed Homestead Condominiums, East side of Livernois, North of Big Beaver (PIN 88-20-22-301-007, -008, -009), Section 22, From R-1E (One Family Residential District) to RT (One Family Attached Residential District)

Mr. Carlisle reviewed background information on the Conditional Rezoning application for Homestead Condominiums. He addressed the proposed development as relates to existing natural features, floodplain, wetlands, tree cover and the Lane Drain. Mr. Carlisle stated the development would be constructed outside of the wetlands and floodplain.

Mr. Carlisle identified amenities offered by the applicant. He asked the applicant to address guest parking and the community park and trail connection to the existing regional trailways, specifically if the trail would be open to the public, maintenance responsibility and if access easements would be required.

Mr. Carlisle said review of traffic by the City's engineering consultant, OHM, indicated traffic generated by the proposed development would be minimal, adding fewer than 20 vehicle trips during the peak hour. Mr. Carlisle addressed renderings, building materials, elevations and housing types proposed by the applicant.

Mr. Carlisle asked Planning Commission members to take into consideration public comments expressed at the Public Hearing this evening and to consider if the plan meets Conditional Rezoning Standards and Site Plan Design Standards.

Discussion among administration and Planning Commission:

- Building height; measurement, height of typical two-story house.
- Community park trail connection to regional trailways; maintenance, access.
- Landscaping; removal of trees, re-forestation.
- Estimation of 8 to 12 homes could be built on site as currently zoned.
- Contractual obligation of developer to build according to site plan.

Project Architect Jim Eppink introduced the project team seated in the audience and announced a new company branch as *Tableau* of Mondrian Properties.

Mr. Eppink narrated a PowerPoint presentation of the proposed development. Mr. Eppink said the team feels the proposed plan is a transitional use to existing surrounding properties. He compared existing R-1E zoning to the proposed RT zoning as relates to lot size and density. Mr. Eppink addressed the building area of the site, preservation of natural resources, stormwater management and amenities offered. Mr. Eppink said the homeowners' association would maintain the community park and trail in perpetuity and the regional trailway system would continue to maintain theirs. He said the trail would be for public use and appropriate signage would be placed to designate the proposed development as private property. He indicated the project team would work with the City to extend the trailway system.

Mr. Eppink identified the housing types, architecture and building materials. He indicated only 9 of the 30 homes proposed are on the second floor. Mr. Eppink said the applicant's intent is to lease the independent homes and to market the development as a 50+community but with no age-restricted covenants. He expressed confidence that there is sufficient parking for both residents and guests.

There was discussion, some comments related to:

- Trailways; commitment to connect and expand trail network, maintenance, potential partnership among collective entities.
- Material and landscaping of trail.
 - o Crushed gravel/cinder.
 - Natural feel to landscaping, prairie seed mix, flowers to attract butterflies.
- Stormwater management.
- Building mid-roof height.
 - o Ranch 24 feet.
 - Single living 24.5 feet; second story living 25.5 feet.
- Re-forestation plan, landscaping, replacement of trees, species and height.
- Manicured lawns versus natural lawns.
- Neighborhood meeting invitation, attendance.
- Parking options; garage, driveway, street.
- Buffer to neighboring properties.

Ms. Dufrane advised the Board that amenities must be offered by the applicant in a Conditional Rezoning application.

Mr. Savidant announced at last count 30 email messages were received by the Planning Commission on the proposed development. He said the collective messages were emailed to Board members and hard copies of the messages were provided to members prior to the beginning of the meeting.

PUBLIC HEARING OPENED

- James Horne, 3151 Helena; addressed wildlife, flooding, swampy environment.
- Tom Avery, 3349 Talbot; encouraged connection of trail, addressed existing erosion of property, wetland, flooding.
- John Phillips, 3302 Frankton; addressed access for second floor residents, reduction in number of buildings, existing environment and wildlife, liability and perceived disorderly conduct on trail, buffer of residential, flooding.
- Odeta Fecani, 3312 Louis; voiced opposition; addressed concerns with decrease in home value, flooding, environmental impact, downside to lease homes, impact on elementary school enrollment.

PUBLIC HEARING CLOSED

Mr. Savidant addressed the engineering stormwater design process to not negatively impact abutting properties in terms of drainage. He said the design would not exacerbate

any situation but could improve the situation. Mr. Savidant addressed the wildlife environment and preservation of trees and new trees to be planted.

Ms. Dufrane said there are ways to address any disorderly conduct should there be such along the trailways. She clarified the proposed development is a private development with a private access road.

Mr. Buechner said his home is located along a major trailway system and he has not experienced any disorderly conduct concerns for the past 25 years.

Mr. Eppink said economics substantiate the request for six buildings in lieu of four. He shared the total count of 90 available parking spaces is a fair and conservative estimation.

Resolution # PC-2022-07-042

Moved by: Tagle Support by: Krent

RESOLVED, That the Planning Commission hereby recommends to the City Council that the R-1E to RT Conditional Rezoning request, as per Section 16.04 of the City of Troy Zoning Ordinance, located on the east side of Livernois, north of Big Beaver, within Section 22, being approximately 9.5 acres in size, be **GRANTED**, for the following reasons:

- 1. The request complies with the Master Plan.
- 2. The rezoning would permit greater flexibility in use and development of the property.
- 3. The conditions offered by the applicant reasonably protect the adjacent properties.
- 4. The rezoning would be compatible with surrounding zoning and land use.
- 5. The site can be adequately served with municipal water and sewer.

BE IT FURTHER RESOLVED, That the Planning Commission recommends the following site plan design considerations:

1. Provide Conditional Rezoning Agreement prior to City Council consideration.

Discussion on the motion on the floor.

Comments related to the connection of the trail to the regional trailways and amenities offered in the Conditional Rezoning Agreement.

Chair Lambert expressed concerns that the plan does not explicitly address adequate protection and screening of adjacent properties, especially for residents on Louis and Troy.

Vote on the motion on the floor.

Yes: Buechner, Faison, Hutson, Krent, Malalahalli, Rahman, Tagle

No: Lambert Absent: Perakis

MOTION CARRIED

Chair Lambert said his no vote is based on providing adequate screening of adjacent properties.

DATE: July 26, 2022

TO: Planning Commission

FROM: R. Brent Savidant, Community Development Director

SUBJECT: PUBLIC HEARING - CONDITIONAL REZONING (CR JPLN2022-001) -

Proposed Homestead Condominiums, East side of Livernois, North of Big Beaver (PIN 88-20-22-301-007, -008, -009), Section 22, From R-1E (One Family

Residential District) to RT (One Family Attached Residential District).

The applicant Tableau by Mondrian seeks a conditional rezoning of the subject parcel from R-1E (One Family Residential) to RT (One Family Attached Residential District). The subject site is 9.54 acres in area. The applicant proposes a total of 30 units within 6 buildings.

The applicant is voluntarily offering the following conditions:

- 1. The Site Plan is a condition of approval;
- 2. Conform to RT Zoning;
- 3. Development shall be limited to a maximum of 6-buildings with 30 total units;
- 4. Maximum Building Height shall not exceed 2 stories or 30' in height;
- 5. Maximum % of Lot Area Covered by Buildings will be thirty percent (30%);
- 6. Building Materials shall be a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable, low-maintenance materials;
- 7. Each Unit shall have a minimum of a one-car garage on the first level of each unit;
- 8. Additional Features & Amenities:
 - a. Community Park & Gathering Area;
 - b. Walking Trails Internal & External Sidewalks;
 - c. Ability to Connect to Troy Trails;
 - d. Exercise & Fitness Stations;
 - e. Butterfly Gardens;
 - f. Park Benches;
 - g. Livernois Frontage Landscape & Decorative Stone Walls;
 - h. Landscape Boundary Buffer Plantings & Preservation of Natural Features;
- 9. Significant Tree Plantings & Re-forestation;
- 10. No exterior refuse containers shall be used. Individual waste and recycling containers shall be stored in each unit's garage and placed at the curb on collection days in accordance with City ordinances:
- 11. Minor modifications to the site plan shall be reviewed, and if appropriate, administratively approved by the Community Development Director (Any such minor changes are those that in the City's discretion would not adversely or substantially affect the conditions of the re-zoning or the site plan).

The Planning Commission is a recommending body for this application.

The attached report prepared by Carlisle/Wortman Associates, Inc. (CWA), the City's Planning Consultant, summarizes the project. CWA prepared the report with input from various City departments including Planning, Engineering, Public Works and Fire. City Management supports the findings of fact contained in the report and the recommendations included therein.

Attachments:

- 1. Maps
- 2. Report prepared by Carlisle/Wortman Associates, Inc.
- 3. Anticipated Traffic Impacts, Memo prepared by OHM Advisors, dated June 15, 2022.
- 4. Floodplain memo, prepared by Scott Finlay, Deputy City Engineer.
- 5. Preliminary Site Plan Packet with supporting documents.

G:\CONDITIONAL REZONING\JPCR2022-001 HOMESTEAD\PC Memo 07 26 2022.docx

POTENTIAL RESOLUTION RECOMMENDING DENIAL

<u>PUBLIC HEARING – CONDITIONAL REZONING (CR JPLN2022-001)</u> – Proposed Homestead Condominiums, East side of Livernois, North of Big Beaver (PIN 88-20-22-301-007, -008, -009), Section 22, From R-1E (One Family Residential District) to RT (One Family Attached Residential District).

Resolution # PC-2022-07-

Moved by: Seconded by:

RESOLVED, That the Planning Commission hereby recommends to the City Council that the R-1E to RT conditional rezoning request, as per Section 16.04 of the City of Troy Zoning Ordinance, located on the east side of Livernois, north of Big Beaver, within Section 22, being approximately 9.5 acres in size, be **DENIED** for the following reasons:

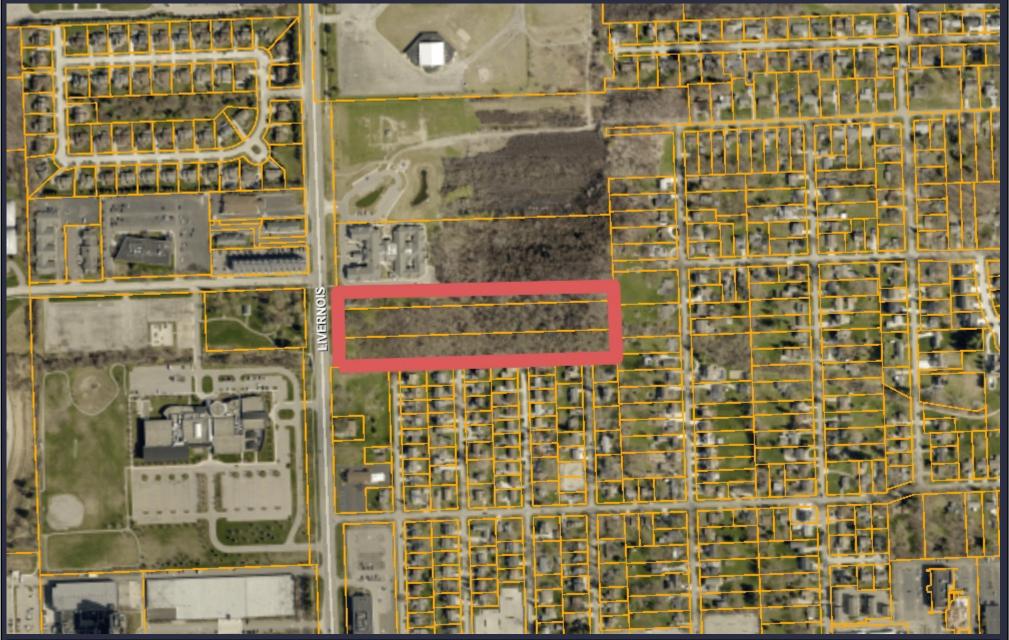
- 1. The request does not comply with the Master Plan.
- 2. The conditions offered by the applicant do not reasonably protect the adjacent properties.
- 3. The rezoning would be incompatible with surrounding zoning and land use.

Yes: No:

MOTION PASSED / FAILED



GIS Online



0

Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.

TROY

1,189

GIS Online



1,189 Feet

595

Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.



117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

Date: July 19, 2022

Conditional Rezoning and Site Plan Review For City of Troy, Michigan

Applicant: Mondrian

Project Name: Homestead

Plan Date: May 18, 2022

Location: West side of Livernois, north of Big Beaver

Zoning: R1-E, Single Family Residential

Proposed Zoning: Conditionally rezoned RT, One Family Attached

Action Requested: Conditional Rezoning and Site Plan Approval

SITE DESCRIPTION

An application has been submitted to conditionally rezone a 9.5-acre site to construct 30-one-family attached units. The 9.5-acre site includes 3 parcels. The site is currently zoned R1-E, which does not permit multiple family residential. The applicant seeks to conditionally rezone the site to RT, One-family attached. One condition proposed by applicant is the site plan. Additional conditions are described below.

The subject site is located on the east side of Livernois, north of Big Beaver. Access is via a new private road off Livernois. The 30-units will be distributed in six buildings with five units each. Three (3) buildings will be ranch-style & three (3) will be single-level living condo buildings. Ranch-style housing will range from 1,735 to 1,840 sf per unit. Single level condos will range from 1,317 to 1,488 sf per unit.

The site is encumbered with floodplain, wetlands, and tree cover. The applicant proposes to build the homes outside of the floodplain and wetlands. However, within the floodplain, the

applicant proposes detention, community park, butterfly garden, exercise stations, stone paths, and easement to the regional trail system. This will require cut and fill in the floodplain.

Site Location:





Proposed Uses of Subject Parcel:

Thirty (30) multi-family dwelling units.

Current Use of Subject Property:

Single Family Home

Current Zoning:

The property is currently zoned R1-E, One Family Residential.

Surrounding Property Details:

Direction	Zoning	Use	
North PUD		Senior Living Facility and Preserved Open Space	
South	R1-E, Single Family	Single Family Residential / Place of Worship	
East R1-E, Single Family		Single Family Residential	
West CF, Community Facility, Big		Multiple Family Residential, Park, Community	
Beaver		Center	

NATURAL FEATURES

Topography: A topographic survey has been provided on sheet P-1.1. The site is

relatively flat with a lower elevation along the southern property line,

which is the Lane Drain.

Wetlands: There is a state regulated wetland at the northeast corner of the site. The

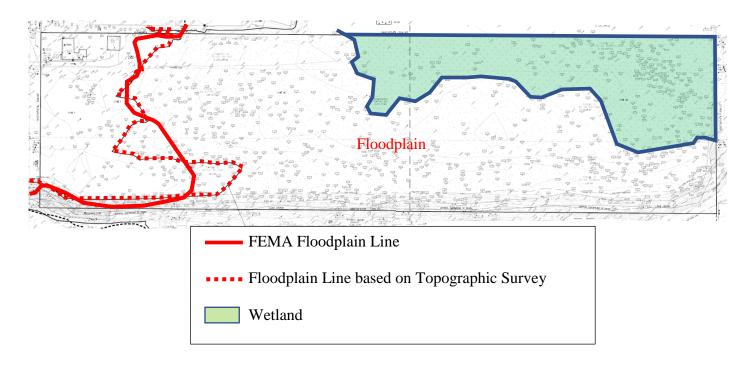
applicant proposes to maintain the wetland, however they will have a

slight impact to the wetland to provide the access to regional trail.

Floodplain: Most of the site is located within the floodplain. The applicant is

requesting a floodplain map amendment based on topographic survey. In

addition, the Lane Drain runs along the south side of the property.



As noted, the proposed development will require cut and fill in the floodplain. The Engineering Department has provided a memo outlining cut and fill in more detail.

The applicant received a Conditional Letter of Map Revision (CLOMR) from FEMA. This letter conditionally amends the floodplain line.

From the FEMA website:

<u>Conditional Letter of Map Revision (CLOMR)</u>

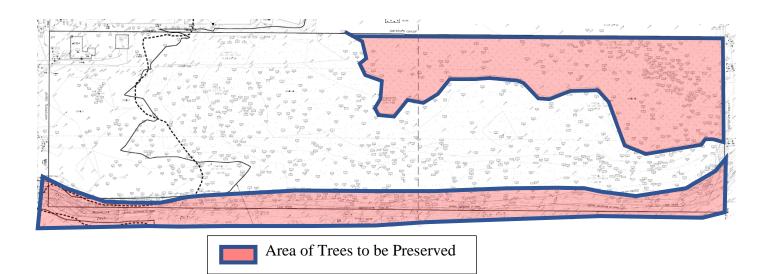
FEMA's comment on a proposed project that would, upon construction, affect the hydrologic or hydraulic characteristics of a flooding source and thus result in the modification of the existing regulatory floodway, the effective Base Flood Elevations (BFEs), or the Special Flood Hazard Area (SFHA). The letter does not revise an effective NFIP map, it indicates whether the project, if built as proposed, would be recognized by FEMA. FEMA charges a fee for processing a CLOMR to recover the costs associated with the review. Building permits cannot be issued based on a CLOMR, because a CLOMR does not change the NFIP map.

Once a project has been completed, the community must request a revision to the Flood Insurance Rate Map (FIRM) to reflect the project. "As-built" certification and other data must be submitted to support the revision request.

Woodlands:

The cut and fill requires regrading in the floodplain and removal of existing vegetation. A tree inventory and replacement plan has been provided on Sheet T.1.0-T.1.4. The applicant surveyed a total of 809 trees on site. The site includes numerous invasive trees including silver maples, box elder, black walnut, elm, and cottonwood. Of the 809 trees they are saving 407, many which are not protected by the woodland ordinance. Of the 809 trees surveyed 57 were protected trees. The applicant surveyed 55 woodland trees, preserving 8 and 2 landmark trees, preserving none.

Replacement Details				
Protected Tree	Inches Removed	Replacement Required		
Landmark	32 inches	32 inches		
Woodland	473 inches	237 inches		
	•			
Protected Tree	Inches Preserved	Credit		
Landmark	0 inches	156 inches		
Woodland	78 inches	0 inches		
Protected Replacement Required	269 Inches	269 Inches		
Preservation Credit	156 Inches			
Total	113-inches			
Total Tree Mitigation	113 trees / 3 inches	113 trees / 3 inches = 38 3-inch trees		



Items to be addressed: none

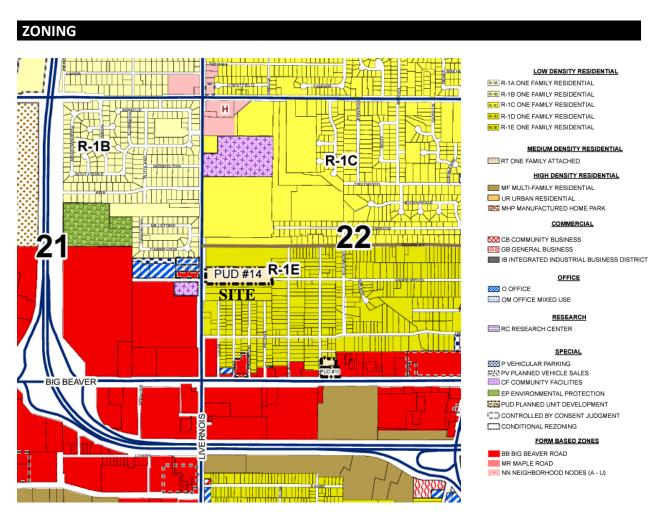
CONDITIONS

The following conditions have been voluntarily offered by the applicant:

- 1. The Site Plan is a condition of approval.
- 2. Conform to RT Zoning
- 3. Development shall be limited to a maximum of 6-buildings with 30 total units.
- 4. Maximum Building Height shall not exceed 2 stories or 30' in height:
- 5. Maximum % of Lot Area Covered by Buildings will be thirty percent (30%),
- 6. Building materials shall be a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable, low-maintenance materials.
- 7. Each unit shall have a minimum of a one-car garage on the first level of each unit.
- 8. Additional Features & Amenities:
 - a. Community Park & Gathering Area
 - b. Walking Trails Internal & External Sidewalks
 - c. Ability to Connect to Troy Trails
 - d. Exercise & Fitness Stations
 - e. Butterfly Gardens
 - f. Park Benches
 - q. Livernois Frontage Landscape & Decorative Stone Walls
 - h. Landscape Boundary Buffer Plantings & Preservation of Natural Features
- 9. Significant Tree Plantings & Re-forestation.
- 10. No exterior refuse containers shall be used. Individual waste and recycling containers shall be stored in each unit's garage and placed at the curb on collection days in accordance with City ordinances.
- 11. Minor modifications to the site plan shall be reviewed, and if appropriate, administratively approved by the Community Development Director (Any such minor

changes are those that in the discretion would not adversely or substantially affect the conditions of the re-zoning or the site plan).

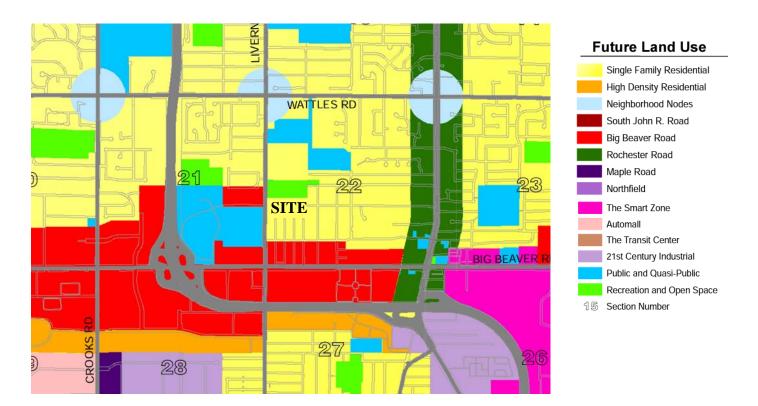
If the Conditional Rezoning is recommended for approval by the Planning Commission, a Conditional Rezoning agreement will be drafted between the applicant and the City Attorney's office prior to consideration by the City Council.



Direction	Zoning	Use		
North	orth PUD Senior Living Facility and Preserved Open			
South	R1-E, Single Family	Single Family Residential / Place of Worship		
East	R1-E, Single Family	Single Family Residential		
West	CF, Community Facility, Big Beaver	Multiple Family Residential, Park, Community		
		Center		

The applicant is seeking a conditional rezoning to RT One Family Attached. The nearest RT zoning is northwest of this site, on the west side of I-75, south of Wattles.

MASTER PLAN



According to the Future Land Use Plan this area is planned as Single Family Residential. The existing zoning as One-Family Residential supports this intent and is consistent with existing zoning and future land use goals of those parcels immediately east, north and south.

The proposed land use as RT, One-family attached is more intense than the uses intended, however, it is consistent with existing land uses of parcels located to its north (senior facility) and the to the west (apartment building)

the to the west (apartment building).

Items to be addressed: None.

REZONING STANDARDS

As set forth in section 16.04.C.3, the Planning Commission should consider the following standards. A Conditional Rezoning may only be approved upon a finding and determination that all of the following are satisfied:

- 1. The conditions, proposed development, and/or proposed use of the land are designed or proposed for public health, safety, and welfare purposes.
- 2. The conditions, proposed development and/or proposed use are not in material conflict with the Master Plan, or, if there is material conflict with the Master Plan, such conflict is due to one of the following:
 - a. A change in City policy since the Master Plan was adopted.
 - b. A change in conditions since the Master Plan was adopted.
 - c. An error in the Master Plan.
- The conditions, proposed development and/or proposed use are in accordance with all terms and provisions of the zoning district to which the land is to be rezoned, except as otherwise allowed in the Conditional Rezoning Agreement.
- 4. Public services and facilities affected by a proposed development will be capable of accommodating service and facility loads caused by use of the development.
- 5. The conditions, proposed development and/or proposed use shall insure compatibility with adjacent uses of land.

SITE ARRANGEMENT

The applicant is proposing to construct thirty (30) units. The 30-units will be distributed in six buildings with five units each. The units will be accessed from a private road which is accessed off Livernois.

The rear of the site will remain as undeveloped in the form of a detention, community park, and preserved wetlands.

Items to be addressed: None.

AREA, WIDTH, HEIGHT, SETBACKS

Section 4.07 establish the dimensional requirements for RT One-family Attached District. The requirements of RT Zoning District and the proposed dimensions are shown in the following table.

	Required	Provided	Compliance	
Front (Livernois)	50-feet	50-feet	Complies	

Side (north)	5-feet /15-feet combined	35-feet	Complies	
Side (south)	5-feet /15-feet combined	35-feet	Complies	
Rear (South)	35-foot minimum setback	More than 35-feet	Complies	
Lot Width	40 feet	328 feet		
Building Height	2.5-stories, 30 feet in height.	Elevations not provided	Can not confirm	
Lot Coverage (Building)	30%	28.33%	Complies	
Minimum Open Space	20%	22.68%	Complies	
Parking Location	Cannot be located in front yard	Parking lots not in front yard	Complies	

Items to be addressed: None

PARKING

Section 13.06.G of the Zoning Ordinance requires:

	Required	Provided
Residential (General): 2 spaces per unit	30 units = 60 spaces	60 spaces
Barrier Free	0	0
Bicycle Parking	2	Internal to building
Loading	0	0
Total	60 spaces	60 spaces

The applicant has not provided any dedicated guest parking. Due to the narrow width of the road and numerous driveway cuts, it is unclear if any parking on street would be possible. We recommend that the applicant provide some dedicated guest parking.

Items to be Addressed: Provide dedicated guest parking.

SITE ACCESS AND CIRCULATION

The units will be accessed from a private road which is accessed off Livernois. The private road includes a cul-de-sac to allow for vehicular turnaround. Vehicular access and circulation have been reviewed and approved by the City Fire Department and City Engineering Department.

Items to be addressed:

TRAFFIC

The City's engineering consultant, OHM, has reviewed the traffic memo. Summary of OHMs review:

The table below provides the calculated number of trips generated for the proposed development, based on the ITE Trip Generation Manual for Single-Family Attached Housing (ITE Land Use Code #215).

Number of	Number of Site-Generated Trips								
Dwelling	AM Peak Hour			PM Peak Hour			Daily		
Units	In	Out	Total	In	Out	Total	In	Out	Total
30 units	3	7	10	8	6	14	89	89	178

The traffic generated by the proposed development is minimal, adding fewer than 20 vehicle trips during the peak ("busiest") hour. The traffic impact of this site on the adjacent road network is negligible and would be imperceptible to the majority of road users.

As a point of comparison, traffic counts taken in January 2022 on Livernois Road (between Big Beaver Road and Wattles Road) indicate this segment carries approximately 20,000 vehicles per day, and roughly 1,600 vehicles during the PM peak hour. Amongst typical weekdays, traffic volumes during the peak hours alone often vary by 10%+ from one day to the next. These day-to-day fluctuations result in peak hour traffic volumes that vary by hundreds of vehicles. The proposed subdivision is expected to generate only 14 vehicles during the peak hour.

Items to be addressed: None

LANDSCAPING

A landscaping plan has been provided on Sheet L101. The following table discusses the development's compliance with the landscape requirements set forth in Section 13.02.

	Required:	Provided:	Compliance:
Greenbelt Planting			
Livernois: 1 tree every 30 feet	328 / 30 = 11	11 trees Complies	
Southern property line:			
Landscape buffering:	1,227 / 10 = 123	68 new trees +	Complies with
Required buffering between two	trees	existing	Planning
differentiating land uses.		vegetation	Commission
Alternative 1 or 2.			consideration

1 large evergreen every 10 feet or 1 narrow evergreen every 3 feet.			
Alternative screening method may be			
considered by the Planning Commission.			
Overall			
Site landscaping: A minimum of twenty percent (20%) of the site area shall be comprised of landscape material. Up to twenty-five percent (25%) of the required landscape area may be brink, stone, pavers, or other public plaza elements, but shall not include any parking area or required sidewalks.	20%	Over 20%	Complies
Mitigation	38 3-inch trees	38 trees	Complies

Community Park and Trail Access:

The applicant is proposing a community park and trail connection to the City of Troy regional trail. The community park includes landscaping, benches, trails, butterfly gardens, and exercise stations. The material (gravel, concrete, asphalt, etc) of the trail has not been indicated.

The applicant should clarify if the community park is open to the general public or only for the use of the residents of the development. If open to the general public an easement will need to be provided. Are the future homeowners expended to maintain park? A long-term maintenance plan should be provided.

Items to be Addressed: 1). Confirm material of the trail; 2). Clarify if the community park is open to the general public or only for the use of the residents of the development. If open to the general public an easement will need to be provided; and 3). Provide long-term maintenance plan for community park.

PHOTOMETRICS

Applicant did not provide photometric plan. Provide photometric plan.

Items to be Addressed: Provide Photometric Plan.

FLOOR PLAN AND ELEVATIONS

The applicant has provided renderings and floor plans but has not provide elevations. Materials include black brick, white hardi board siding, and black metal roofs.



Planning Commission to consider architectural style and material selection.

Items to be Addressed: 1). Provide elevations; and 2). Planning Commission to consider architectural style and materials.

SITE PLAN REVIEW STANDARDS

The Site Plan review standards provide the Planning Commission with direction when reviewing the proposed site plan and design features of this development.

Section 8.06 outlines Site Plan Review Design Standards.

- 1. Development shall ensure compatibility to existing commercial districts and provide a transition between land uses.
 - a. Building design shall enhance the character of the surrounding area in relation to building and parking placement, landscape and streetscape features, and architectural design.
 - b. Street fronts shall provide a variety of architectural expression that is appropriate in its context and prevents monotony.
 - c. Building design shall achieve a compatible transition between areas with different height, massing, scale, and architectural style.
- 2. Development shall incorporate the recognized best architectural building design practices.
 - a. Foster a lasting impact on the community through the provision of high quality design, construction, and detailing.

b. Provide high quality, durable materials, such as but not limited to stone, brick, glass, and metal. E.I.F.S. or material equivalent shall only be used as an accent material.

- c. Develop buildings with creativity that includes balanced compositions and forms.
- d. Design roofs that are appropriate to the architectural style of the building and create an appropriate visual exterior mass of the building given the context of the site.
- e. For commercial buildings, incorporate clearly defined, highly visible customer entrances using features such as canopies, porticos, arcades, arches, wing walls, ground plane elements, and/or landscape planters.
- f. Include community amenities that add value to the development such as patio/ seating areas, water features, art work or sculpture, clock towers, pedestrian plazas with park benches or other features located in areas accessible to the public.
- 3. Enhance the character, environment and safety for pedestrians and motorists.
 - a. Provide elements that define the street and the pedestrian realm.
 - b. Create a connection between the public right of way and ground floor activities.
 - c. Create a safe environment by employing design features to reduce vehicular and pedestrian conflict, while not sacrificing design excellence.
 - d. Enhance the pedestrian realm by framing the sidewalk area with trees, awnings, and other features.
 - e. Improve safety for pedestrians through site design measures.

REZONING STANDARDS

As set forth in section 16.06.C.3, a Conditional Rezoning may only be approved upon a finding and determination that all of the following are satisfied:

- a) The conditions, proposed development, and/or proposed use of the land are designed or proposed for public health, safety, and welfare purposes.
- b) The conditions, proposed development and/or proposed use are not in material conflict with the Master Plan, or, if there is material conflict with the Master Plan, such conflict is due to one of the following:
 - I. A change in City policy since the Master Plan was adopted.
 - II. A change in conditions since the Master Plan was adopted.
 - *III.* An error in the Master Plan.
- c) The conditions, proposed development and/or proposed use are in accordance with all terms and provisions of the zoning district to which the land is to be rezoned, except as otherwise allowed in the Conditional Rezoning Agreement.
- d) Public services and facilities affected by a proposed development will be capable of accommodating service and facility loads caused by use of the development.
- e) The conditions, proposed development and/or proposed use shall insure compatibility with adjacent uses of land.

The Planning Commission should consider if the Conditional Rezoning Standards have been met.

SUMMARY

Planning Commission is asked to hold a public hearing and consider public testimony. As part of the deliberations, the Planning Commission should consider if the plan meets the conditional rezoning standards and if the plan meets the site plan design standards.

Sincerely,

CARLISLE/WORTMAN ASSOC., INC. Benjamin R. Carlisle, LEED AP, AICP

PRESENTS











SECTION 1: ABOUT MONDRIAN PROPERTIES AND ITS NEW MULTI-FAMILY DIVISION

Mondrian's Background

At Mondrian Properties, we pride ourselves on developing, designing and constructing premier homes and communities for our highly valued customers. In our three-decade history, we have developed more than 40 communities in Southeastern Michigan, continually winning awards for architectural design quality.







The Mondrian Mission

Our goal is to be recognized as a national leader in the area of customer-focused residential construction. Our best-in-class, well-coordinated and consummately professional team helps to realize this goal every day. It is our unrelenting dedication to achieving this goal, in combination with our commitment to integrity, that allows us to provide our clients with their dream homes.







The Mondrian Lifestyle

Our architectural team creates classic designs that our construction team realizes into quality homes that exude timeless sophistication and luxurious detail. Our clients experience the next level – of convenience, of service and of quality. We take great pride in the communities we build. When you purchase a Mondrian home, you acquire so much more than a place to live; you acquire a lifestyle filled with attainable luxury.













Mondrian's Expansion into Multi-family Housing

Our team has carefully considered the guidance and insight it has understood from the City of Troy, with regard to new choices for home-shoppers in the area. And, since there is strong demand in the marketplace for different types of multi-family, for-lease, as well as for-purchase residential home types, Mondrian Properties, through its newly created subsidiary, **Tableau by Mondrian**, has decided to pursue constructing these kinds of options for the community. Also, new construction is highly popular, as compared to older construction units. Whether future communities offer 50+ or general market residences for lease, or 50+ or general market condos, Mondrian's new multi-family unit can supply any of them. Mondrian's new multi-family brand, **Tableau by Mondrian**, will offer home-shoppers the elegance for which Mondrian is known, while delivering new residences that are clearly something new and exciting – communities that would offer aspirational lifestyles to a variety of audiences – places where they could really envision themselves being fulfilled. Mondrian Properties will remain separate, but since there is a good amount of brand equity in the Mondrian name, this new brand has can leverage it as a foundation from which to drive credibility, legitimacy and familiarity in the eyes of the target audience – whichever demographic that audience may represent.













Project Applicant / Developer:

Tableau by Mondrian

50215 Schoenherr Road Shelby Township, MI 48315 Attn: Joseph Maniaci 586-726-7350 jmaniaci@mondrianproperties.com

Development Team Consultants:

Civil Engineer: PEA Group

John Thompson, PE 2430 Rochester Court Troy, MI 48083 844-813-2949

Architects:

Martini - Samartino Design Group

Paul Samartino, AIA 920 E. Long Lake Suite 200 Troy, MI 48085 248-524-0445

Landscape Architecture: J Eppink Partners, Inc.

Jim Eppink, RLA 9336 Sashabaw Road Clarkston, MI 48348 248-922-0789

Site Data:
Parcel Size:
9.54 acres

Location:

East side of Livernois, north of Big Beaver Road within the City of Troy, MI

Existing Zoning:

R-1E One Family Residential

Proposed Zoning:

RT One Family Attached Residential using a Conditional Rezoning Application

Proposed Uses:

30 attached single family for lease condominium homes

SECTION 2: PROJECT NARRATIVE LETTER

HOMESTEAD

A Proposed Single Family Attached, For-Lease Condominium Neighborhood In the City of Troy, Michigan

Project Vision:

Homestead, a new neighborhood proposed to be constructed off of Livernois Road will provide beautiful, high-quality, size-appropriate housing geared towards its 50-year-old and older residents.

Mondrian Properties, the corporate parent of its new, multi-family unit, **Tableau by Mondrian**, has been building homes in Southeastern Michigan for more than three decades, and continues to be at the forefront of providing a range of quality housing choices throughout the area. In response to the City of Troy's goal to provide innovative housing alternatives that serve the City's evolving demographics, smaller household sizes, and active lifestyle choices of its residents, Tableau by Mondrian is proud to propose Homestead, a neighborhood that specifically seeks to help build **the "missing-middle"** within the community.

The City of Troy continues to be recognized as one of the best places to live in America. Its strong employment base, educational opportunities, shopping areas, diverse cultures, and residential neighborhoods have made it a premier family-oriented community. As its long-time residents age, however, the City of Troy has correctly recognized that it must encourage a wider range of housing choices to be built within Troy that will allow its residents to remain in the city they love, close to their families, friends, work, and churches. Providing more diverse housing choices enables residents the ability to "age in place" and prevent the need to move away, once the large, five-bedroom home becomes too large during their empty-nest, active senior years.

Homestead, a boutique, pocket neighborhood of only 30-residences, will provide home layouts ranging in size from 1,317 square feet to 1,840 square feet. The condominiums, designed primarily for single-level living, will be offered for-lease with an option to purchase. The Homestead neighborhood, which boasts of more than 55% open space will provide a community park for outdoor gatherings, walking trails that may connect to the larger City of Troy trail system, butterfly gardens, fitness stations with outdoor exercise equipment, sidewalks throughout, and beautifully landscaped, centrally maintained grounds.

Tableau by Mondrian has submitted the attached site plan documents and application and seeks site plan approval and conditional rezoning of the parcel(s) in order to construct this exciting neighborhood. Key attributes of the site and proposed development are outlined on the following pages and within the site plan submission documents.



SITE DATA & LOCATION:

Parcels 20-22-301-007, 20-22-301-008, 20-22-301-009

Total Size: 9.54-acres

Current Zoning: R-1E One Family Residential District

Proposed Zoning: RT One Family Attached Residential District

Features: Lane Drain located at the parcel's southern boundary

Wetlands and Floodplain areas currently exist on site Immediately east of the Troy Community Center and access to the Troy Trail system.



The Homestead property is located on the east side of Livernois, a short, one-quarter-mile walk north of Big Beaver Road. R-1E Single Family neighborhoods abut the property to the east and south, The Troy Community Center is located conveniently west of the site, and Anthology of Troy (a PUD) is located immediately to the north with close connection to Troy Trails and the Daisy Knight Dog Park.



The westernmost portion of the site is considered the "development zone" and can accommodate conventional construction methods for residential development. The eastern portion of the site is comprised of wetlands to the north and the Lane Drain to the south. The rear-central portion of the site will be graded to accommodate the required floodplain capacity of the site. The analysis of the physical characteristics of the site, identification of the development and floodplain cut zones, and the proposed civil engineering methods were determined independent of the proposed Homestead site plan. In other words, the western development zone, the eastern floodplain area, the natural features are consistent regardless of if the site was developed as a conventional R1-E subdivision, or as developed as the proposed RT – "Aging-in-Place," "Missing-Middle" community.



The western portion of the site has been determined to have the characteristics suitable for development, whereas the eastern portion of the site will be reserved for the preservation of the natural features, floodplain cut area, and re-forestation of the wooded areas.

SITE PLAN & ARCHITECTURAL DATA:

Building Types: 6 condominium buildings

(3 Ranch with Lifestyle Space buildings & 3 Single-Level Living Condo buildings)

Total Residences: 30

Gross Density: 3.14 residences per acre

Home Sizes: Single Level Living Condo: 1,317 – 1,488 sf

Ranch with Lifestyle Space: 1,735 - 1,840 sf

Architecture: Award winning architectural style and building materials

Site Plan Features Include:

- Community Park & Gathering Area;
- Pergola;
- Walking Trails;
- Internal External Sidewalks with Ability to Connect to Troy Trails;
- Exercise & Fitness Stations;
- Butterfly Gardens;
- Park Benches;
- Livernois Frontage Landscape & Decorative Stone Walls;
- · Landscape Boundary Buffer;
- Plantings & Preservation of Natural Features;
- Significant Tree Plantings & Re-forestation & Stormwater Management;
- Creation of Detention Basin/Decorative Wet Pond.





The Homestead neighborhood master plan places 6 beautiful condominium buildings at the western boundary closest to Livernois Road. The 30 residential units will front onto the new internal road and have direct access to Livernois. The development is just a short walk to The Troy Community Center, restaurants along Big Beaver, or connections to internal trails and the Troy Trail system. Existing wooded wetlands and the wooded Lane Drain will be maintained at the north and south respectively, and the rear center area will be land-balanced to accommodate floodplain capacity. The rear area will be planted and maintained with native prairie grasses, two butterfly gardens, buffer plantings and tree re-forestation plans, along with walking trails, fitness stations, and restful park bench areas.



Ranch Condominium with Lifestyle Space: Three "Ranch Condominiums with Lifestyle Space" buildings will be constructed within Homestead, providing a total of 12 of these unit types. Almost all the living space, including the master and second bedroom, kitchen and living room will be located on the ground floor. An additional flexible life-style space, which could be used as a home office, den, or media room, will be located on the second floor. The total square footage of these homes will range between 1,735 – 1,840 sf.





Single-Level Living Condominiums: Three "Single-Level Living Condominium" buildings will be constructed, providing a total of 18 of these unit types. All living areas within each condo will be located on a single level providing a spacious, convenient, ranch-style home. The ground floor of each building will house three units, with three additional individual units on the second floor. Each residence will have its own garage, as well as dedicated driveway parking areas. The square footage of the single-level living homes will range from 1,317 – 1,488 sf.

At Tableau by Mondrian, we are proud to present the Homestead neighborhood and its ability to create an "Age-in-Place," "Missing-Middle" community that offers appropriately sized homes, beautiful architecture, functional floor plans, amenities, an abundance of site features, 55% open space, and located within walking distance of restaurants, trails, dog-parks, churches, offices, and the Troy Community Center. Our application requests a conditional re-zoning based on the uses, merits, and details reviewed here, those within the site plan submission documents, and as outlined in the accompanying application and conditional re-zoning narrative. We've worked closely with the community, have studied the Troy Master Plan, and we believe this development, with its open space, alternative housing choices, and walkability components, will meet the goals, intent, and spirit of the Master Plan. We believe that Homestead will become a wonderful addition to the City of Troy.

The attached Preliminary Site Plan Submission document set provides the information required by the ordinance and outlines the technical details of the development. We appreciate the opportunity to have the project reviewed by the City Planning Department and related professionals and look forward to being placed on the next available Planning Commission agenda to review and request a positive recommendation for the site plan and conditional re-zoning to enable the project to move forward.

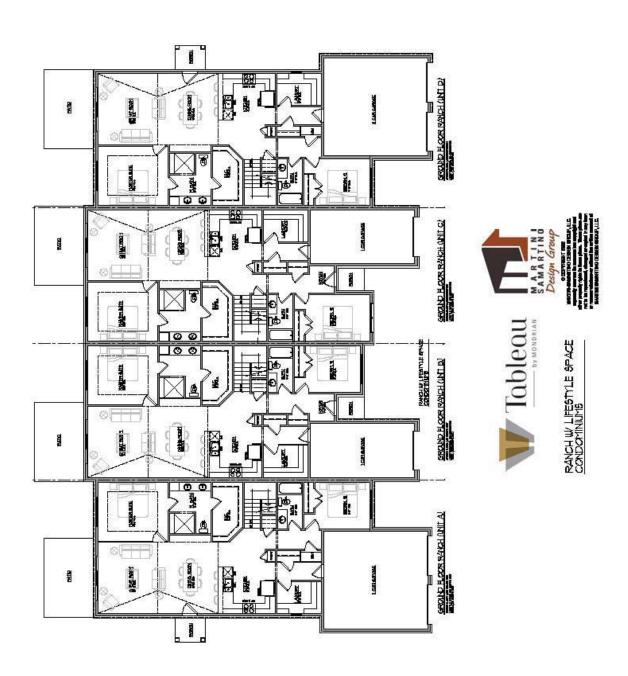


SECTION 3: LANDSCAPE RENDERINGS

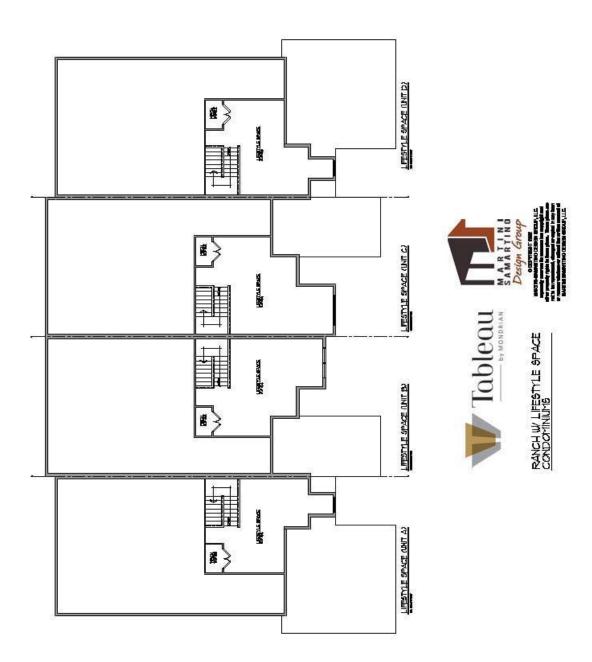




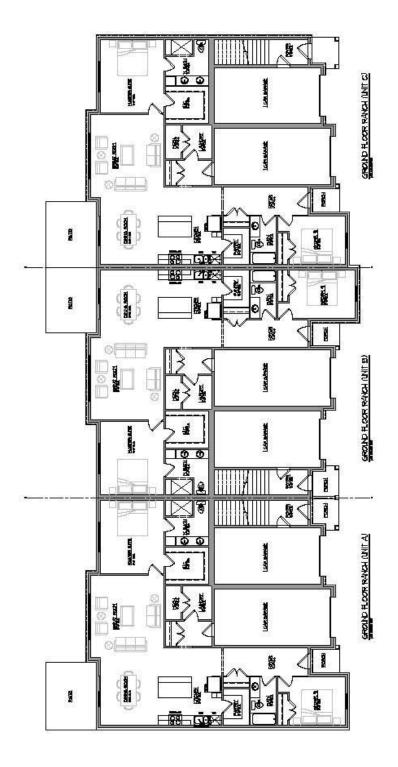
SECTION 4: HOMESTEAD FLOOR PLANS







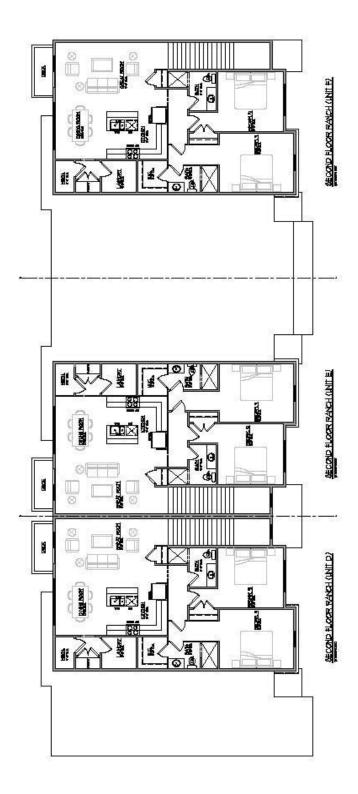






SINGLE LEVEL LIVING CONDOMINIUMS





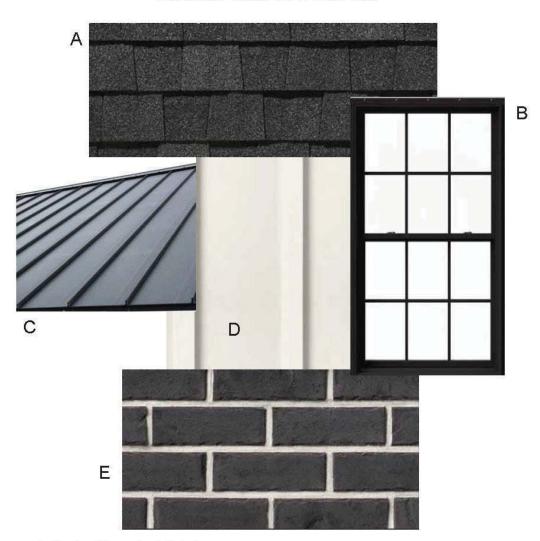


SINGLE LEVEL LIVING CONDOMINUMS



SECTION 5: MATERIAL LIST & PICTURES

HOMESTEAD MATERIALS



- A Pewter Dimensional Shingles
- B Black Framed Windows and Doors
- C Black Metal Awnings & Roofs
- D Hardie Plank Horizontal & Vertical Siding
- E Black Lake Brick

PEA GROUP

2430 Rochester Court, Suite 100 Troy, MI 48083 844.813.2949 peagroup.com

SECTION 6: CONDITIONAL RE-ZONE LETTERS A & B:

PEA Project No: 2021-0451

Mr. Brent Savidant Community Development Director City of Troy Planning Department 500 W. Big Beaver Troy, MI 48084

RE: Conditional Rezoning Application Parcel # 20-22-301-007, -008, -009

Livernois Road, north of Big Beaver Road City of Troy, Oakland County, Michigan

Dear Mr. Savidant:

On behalf of Tableau by Mondrian, we respectfully request a change in the zoning for Parcels # 20-22-301-007, -008, -009.

Pursuant to the provisions of the Michigan Zoning Enabling Act, P.A. 110 of 2006, as amended, and pursuant to all applicable provisions of law, we are requesting the Zoning Map of the City of Troy be amended to conditionally rezone Parcel Numbers 20-22-301-007, -008, -009, from R-1E One Family Residential District to RT One Family Attached Residential District, in order to construct six attached single-family dwelling buildings for a total of 30-units.

Location & Existing Conditions:

The property is located on the east side of Livernois Road just north of the Big Beaver Road intersection. The parcel is 9.54 acres in size and currently has one house on the north property. Surrounding uses include single-family dwellings to the south and east. To the north is a PUD development (senior living). To the west is the City of Troy Community Center. The Lane Drain runs along the southerly property line. The site is largely encompassed with floodplain and there is also an area of wetlands in the northwest corner of the site.

Existing Zoning & Future Land Use:

The site is currently zoned R-1E (One Family Residential District). *(See Exhibit A)*. According to the Master Plan of 2008 and as Amended in 2016, The Future Land Use for the subject parcel is Single Family Residential, Social Neighborhood.

Proposed Use & Site Plan:

Under the proposed rezoning (**see Exhibit B**), the site would be zoned RT One Family Attached Residential District. The proposed condos will be for lease and with an option to purchase. The floodplain area would be amended thru the LOMR process. Detention would outlet to the Lane Drain. The proposed development (**see Site Plan Sheets: Cover Sheet, P-1.1 Topographic Survey - West, P-1.2 Topographic Survey - East, P-2.0 Preliminary Site Plan, P-3.0 Preliminary Grading Plan, P-4.0 Preliminary Utility Plan, L-1 Landscape Planting Plan, L-2 Landscape Details, T-1.0 Tree Preservation Plan-West, T-1.1 Tree Preservation Plan-East, T-1.2 Tree Preservation List, T-1.3 Tree Preservation List, T-1.4 Tree Preservation List), shall be limited to six (6-) total buildings and thirty (30) total units. There are two building types proposed: ranch style and single level living. Each unit will be 1,317 to 1,840 square feet and each will include an attached 1 or 2-car garage. The building materials shall consist of a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable low-maintenance materials.**

Voluntary Conditions:

Under Section 405 of the Zoning Enabling Act (MCL 125.3405), the petitioner voluntarily offers uses and restrictions of the property as a condition to rezoning the land. The following conditions are provided voluntarily as conditions of rezoning approval:

- 1. The Site Plan is a condition of approval;
- 2. Conform to RT Zoning:
- 3. Development shall be limited to a maximum of 6-buildings with 30 total units;
- 4. Maximum Building Height shall not exceed 2 stories or 30' in height;
- 5. Maximum % of Lot Area Covered by Buildings will be thirty percent (30%);
- 6. Building Materials shall be a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable, low-maintenance materials;
- 7. Each Unit shall have a minimum of a one-car garage on the first level of each unit;
- 8. Additional Features & Amenities:
 - a. Community Park & Gathering Area;
 - b. Walking Trails Internal & External Sidewalks;
 - c. Ability to Connect to Troy Trails;
 - d. Exercise & Fitness Stations;
 - e. Butterfly Gardens;
 - f. Park Benches;
 - g. Livernois Frontage Landscape & Decorative Stone Walls;
 - h. Landscape Boundary Buffer Plantings & Preservation of Natural Features;
- 9. Significant Tree Plantings & Re-forestation;
- 10. No exterior refuse containers shall be used. Individual waste and recycling containers shall be stored in each unit's garage and placed at the curb on collection days in accordance with City ordinances;
- 11. Minor modifications to the site plan shall be reviewed, and if appropriate, administratively approved by the Community Development Director (Any such minor changes are those that in the City's discretion would not adversely or substantially affect the conditions of the re-zoning or the site plan).

Re-zoning Standards:

As set forth in Section 16.03.C, the Planning Commission shall consider the following:

- 1. The proposed rezoning is consistent with the Master Plan. If the current zoning is in the material conflict with the Master Plan, such conflict is does to one of the following:
 - a. A change in City policy since the Master Plan was adopted.
 - b. A change in conditions since the Master Plan was adopted.
 - c. An error in the Master Plan.
 - The City of Troy Master Plan designates the subject parcel as Single Family Residential, Social Neighborhood.
- 2. The proposed re-zoning will not cause nor increase any non-conformity.
 - Re-zoning to RT will not materially alter the view-shed that is currently visible from Livernois Road, so there would be very minimal impact and even that will be remedied through landscaping.
- 3. Public services and facilities affected by a proposed development will be capable of accommodating service and facility loads caused by use of the development.
 - The proposed number of multiple-family dwelling units is compatible with surrounding uses and zoning
 in terms of: Environment; Density; Traffic volumes; Aesthetics; Infrastructure; and Potential influence
 on property values.
 - All public utilities are available at the property and sized to accommodate the develop.
 - Livernois Road is capable of safely and efficiently accommodating expected traffic volumes generated by the proposed number of multiple-family dwelling units.
- 4. The re-zoning will not impact public health, safety, or welfare.
 - The capacity of public utilities and services is sufficient to accommodate the proposed number of multiple-family dwelling units without compromising the city's health, safety, and welfare.
- 5. The rezoning will ensure compatibility with adjacent uses of land.
 - Rezoning to RT is constant with the Future Land Use Map in terms of being a Social Neighborhood.
 - The proposed number of multiple-family dwelling units is consistent with the characteristics of surrounding buildings and uses.
 - The Condominium development will provide a transition between the Senior Living Development and the Single-Family District.

Re-zoning Standards/Reasons of Recommendation:

- A. The site's physical and other environmental features are compatible with the proposed number of multiple-family dwelling units.
- B. The proposed number of multiple-family dwelling units is compatible with surrounding uses and zoning in terms of the environment, density, traffic volumes, aesthetics, infrastructure, and potential influence on property values.
- C. The street system is capable of safely and efficiently accommodating expected traffic volumes generated by the proposed number of multiple-family dwelling units.
- D. The capacity of public utilities and services is sufficient to accommodate the proposed number of multiple-family dwelling units without compromising the city's health, safety, and welfare.
- E. There is an apparent demand in the City for this type of multiple-family dwelling units in relation to the amount of land in the city currently zoned and available to accommodate the demand.
- F. The rezoning of the property does not unreasonably impact the adjacent properties.

The proposed re-zoning will allow the site to be developed in a manner consistent with the City of Troy's Master Plan and maintain the intended open space buffer between proposed condominium and the existing single-family homes.

Thank you for your consideration,

PEA Group, Inc.

John B. Thompson, PE Senior Project Manager

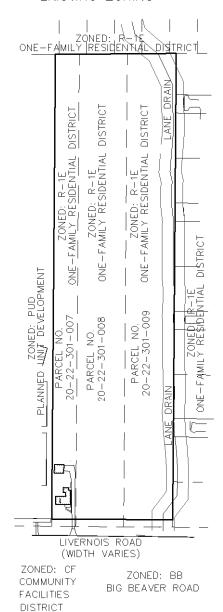
Cc: Joe Maniaci, Tableau by Mondrian

Attachment: Application

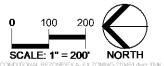
Exhibit A – Existing Zoning Exhibit B – Proposed Zoning

Exhibit C - Site Plan

EXHIBIT A EXISTING ZONING



MONDRIAN PROPERTIES 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315

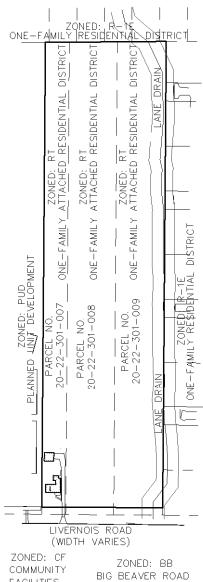


HOMESTEAD
3304 LEVERNOIS ROAD
CITY OF TROY, OAKLAND COUNTY, MICHISAN

SHEET 1 OF 1 MARCH 25, 2022 2021-0451



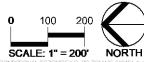
EXHIBIT B PROPOSED ZONING



FACILITIES

DISTRICT

MONDRIAN PROPERTIES 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315



HOMESTEAD
3864 LIVERNOIS ROAD
CITY OF TROY, OAKLAND COUNTY, MICHIGAN

SHEET 1 OF 1 MARCH 25, 2022 2021-0451



HOMESTEAD | PEA JOB NO. 2021-0451 | PRELIMINARY SITE PLANS

SECTION 7: PDF OF SITE PLAN FOR SUBMIT:

PRELIMINARY SITE PLANS

HOMESTEAD

3364 LIVERNOIS ROAD CITY OF TROY, OAKLAND COUNTY, MICHIGAN





	INDEX OF DRAWINGS
NUMBER	TITLE
	COVER SHEET
P-1.1	TOPOGRAPHIC SURVEY-WEST
P-1.2	TOPOGRAPHIC SURVEY-EAST
P-2.0	PRELIMINARY SITE PLAN
P-3.0	PRELIMINARY GRADING PLAN
P-4.0	PRELIMINARY UTILITY PLAN
P-5.0	PRELIMINARY PATHWAY PLAN
L-1	LANDSCAPE PLANTING PLAN
L-2	LANDSCAPE DETAILS
T-1.0	TREE PRESERVATION PLAN - WEST
T-1.1	TREE PRESERVATION PLAN - EAST
T-1.2	TREE PRESERVATION LIST
T-1.3	TREE PRESERVATION LIST
T-14	TREE PRESERVATION LIST

DESIGN TEAM

OWNER/APPLICANT/DEVELOPER

TABLEAU BY MONDRIAN 50/215 SCHOENHERR SHELBY TWP, MI 48315 CONTACT: JOE MANIACI PHONE: 586.726.7350 EMAIL: JMANIACI@MONDRIANPROPERTIES.COM

PEA GROUP 2430 ROCHESTER COURT, STE. 100 TROY, MI 48083-1872 CONTACT: JOHN B. THOMPSON, PE PHONE: 844.813.2949 EMAIL: JTHOMPSON@PEAGROUP.COM

PERMIT / APPROVAL SUMMARY

ARCHITECT

MARTINI SAMARTINO DESIGN GROUP 920 E. LONG LAKE ROAD, SUITE 200 TROY, MI 48085 CONTACT: PAUL SAMARTINO PHONE: 248.524.0445 EMAIL: PSAMARTINO@HOTMAIL.COM

LANDSCAPE ARCHITECT

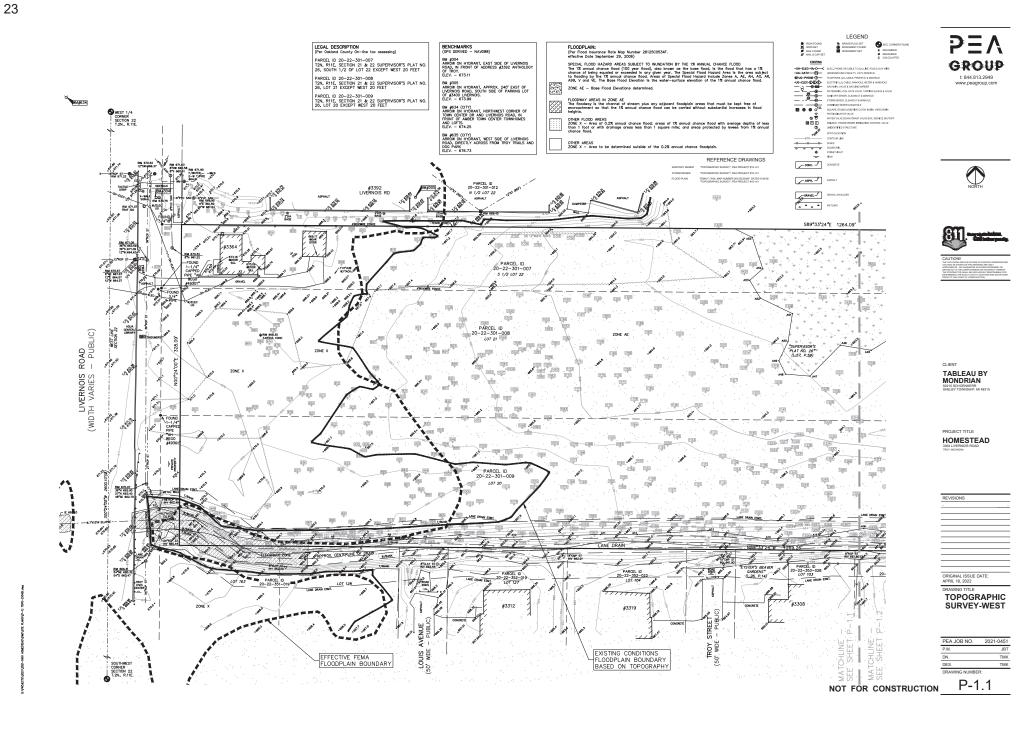
LANDSCAPE ARCHITECT PEA GROUP
45 W. GRAND RIVER AVE., STE. 501
50 FIROIT. MI 48228
CONTACT: KIMBERLY DIETZEL, RLA
PHONE: 484 13 2494
EMAIL: KDIETZEL@PEAGROUP.COM

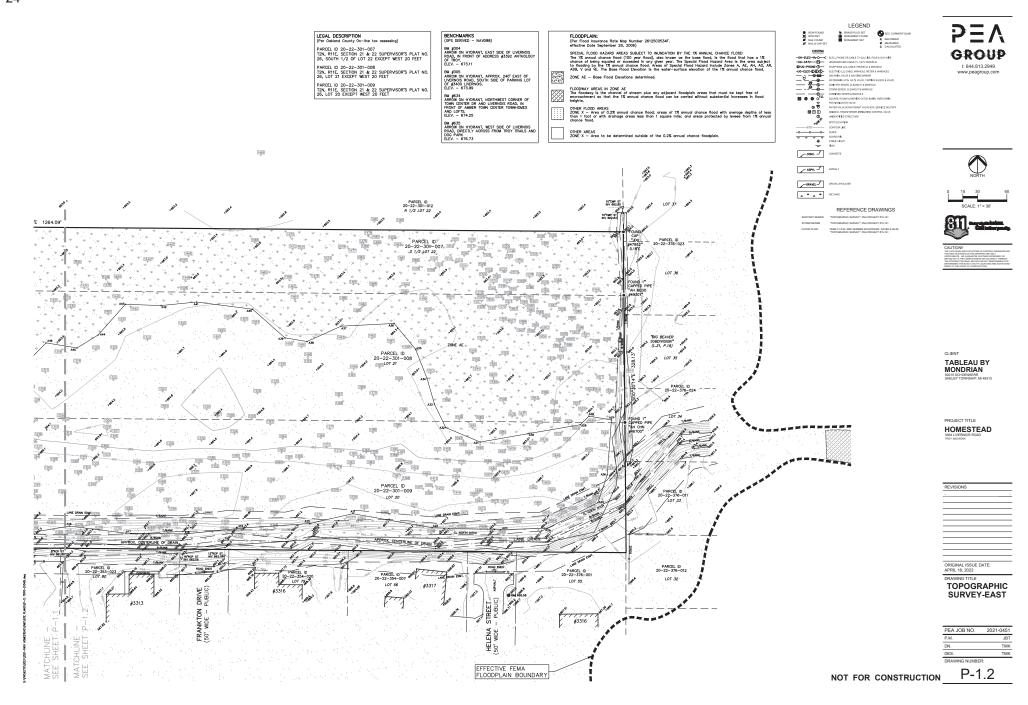
EMAIL: MIGHTZEL@PEAGROUP.COM













SITE DATA	<u>:</u>	
OCATION OF PROJECT	CT: NOIS ROAD, NORTH OF BIG BEAVER F	ROAD
ZE OF PROPERTY:	9.54 ACRES	
ROPOSED USE OF F	PROPERTY: THIRTY (30) ATTACHED, S	SINGLE FAMILY HOMES
CURRENT ZONING:	R-1E, ONE-FAMILY RESIDENTIAL DIST	TRICT
ROPOSED: RT, ONE	-FAMILY ATTACHED RESIDENTIAL DIS	TRICT, CONDITIONAL REZONE
ENSITY:		
REQUIRED: 8 UNITS PROVIDED: 5 UNITS	PER ACRE PER ACRE	
SURROUNDING PROPE	ERTY DETAILS:	
OUTH R-1E AST R-1E WEST BB, E	NG PLANNED UNIT DEVELOPMENT , ONE-FAMILY RESIDENTIAL DISTRICT , ONE-FAMILY RESIDENTIAL DISTRICT SIG BEAVER ROAD COMMUNITY FACILITIES DISTRICT	USE SENIOR LIVING SINGLE-FAMILY HOMES SINGLE-FAMILY HOMES TROY COMMUNITY CENTER PARK
EQUIRED AND PROV	VIDED LOT DIMENSIONS:	
RONT	REQUIRED: 25 FOOT SETBACK+	PROVIDED: 25 FOOT SETBACK
EAR	35 FOOT SETBACK	35 FOOT SETBACK
RIDES	5 FOOT MIN. (ONE), 15 FOOT TOTAL	22 FOOT TOTAL
AXIMUM HEIGHT	30 FEET, 2.5 STORY	30 FEET, 2.5 STORY
OT WIDTH	60 FEET	N/A

FLOODPLAN: THE PROPERTY IS LOCATED WITHIN THE FLOOD HAZARD AREA INDICATED BY FLOOD INSURANCE RATE MINIMPR 26125C0534F DATED SEPTEMBER 29, 2006. PEDESTRIAN ACCESS AND CIRCULATION: A 5-FOOT WIDE SIDEWALK IS PROVIDED AT BOTH SIDES OF THE NEW ROADWAY.

UTILITIES: UTILITIES ARE PLACED WITHIN EASEMENTS APPROVED AS TO SIZE AND LOCATION BY THE CITY ENGINEER.







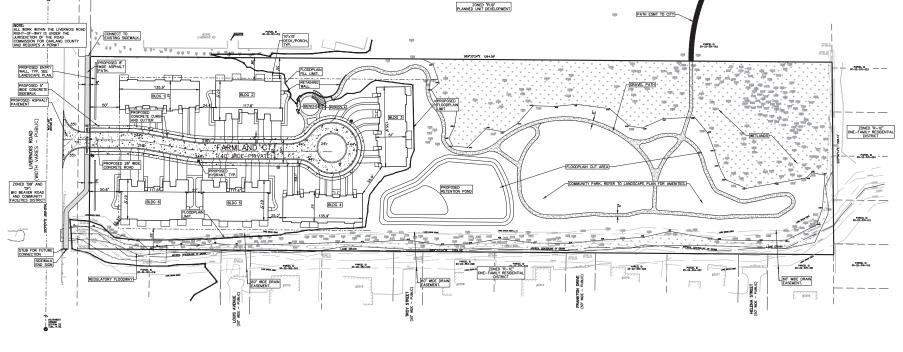


TABLEAU BY MONDRIAN

HOMESTEAD

ORIGINAL ISSUE DATE: APRIL 18, 2022 PRELIMINARY SITE PLAN

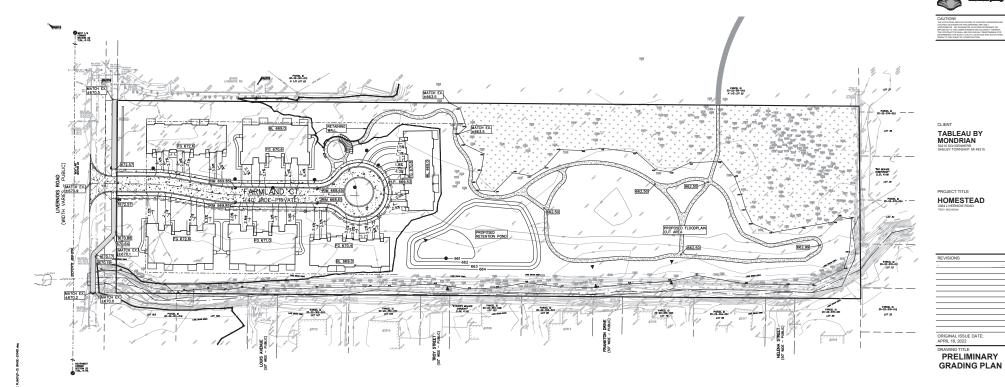
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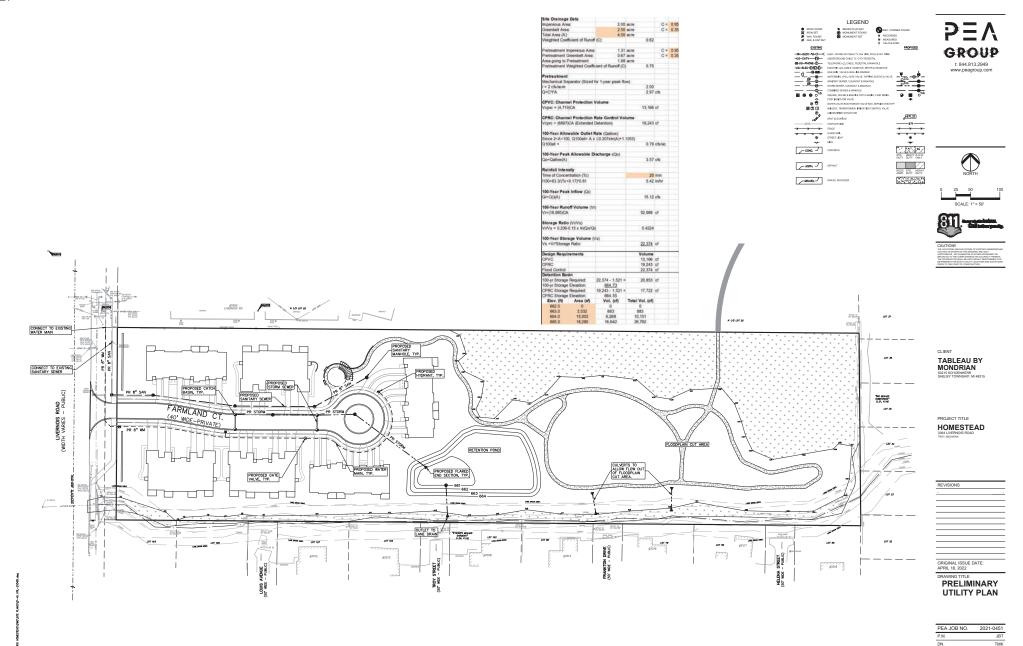




PEA JOB NO.	2021-0451
P.M.	JBT
DN.	TMK
DES.	TMK
DRAWING NUMBER	

NOT FOR CONSTRUCTION

P-3.0



P-4.0

NOT FOR CONSTRUCTION









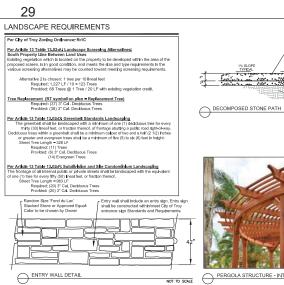


TABLEAU BY MONDRIAN 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315

PROJECT TITLE HOMESTEAD

PRELIMINARY PATHWAY PLAN

PEA JOB NO.	2021-0451
P.M.	JBT
DN.	TMK
DES.	TMK
DRAWING NUMBER	3.



LANDSCAPE PLANTING NOTES

1/2" BELOW TOP OF ADJ. FINISH GRADE 5/8" CRUSHED BASE COURSE

- Contractor shall be responsible for confacting and occretinating with all perthent utility companies 72 hours in advance of any digging to
 make themselves familiar with all underground utilities, pipes and shuctures. Contractor shall take sole responsibility for any cost incurred
 due to damage of said utilities or shuctures.

- Any discrepancies between dimensioned layout and actual field conditions shall be reported to the Owner's Representative. Failure to
 make such discrepancies known will result in contractor's responsibility and lability for any changes and associated costs.
- 4. Contractor shall be responsible for any coordination with subcontractors as required to accomplish construction installation operations
- 6. Contractor shall be responsible for any existing materials that are damaged during construction.
- See Plant & Material List and Planting Details for planting requirements, materials and execution. 8. All trees shall have a clay loam or clay root ball. Trees with sand root balls will not be accepted.
- All tree varieties and substitutions to be approved by the Owners. Representative prior to being delivered to size, Any plant material
 delivered to site not previously approved may be repoted and are the sole responsibility of the contractor. Plant varieties shall be
 approved equal based on availability from nursenes.
- The location of all plant material shall be scaled from drawings or interpreted from plant list. Final location of all plant material shall be subject to approval from the Owner's Representative.
- The contractor shall guarantee all trees, shrubs, ground cover and other plant materials for two years from the date of installation including labor and removal and disposal of dead material.
- Landscape Contractor shall install an automated irrigation system at all common area, frontage, park and entrance Iswn areas on a Disagn@did basis.
- 14. Contractor shall instal 3" depth Streeded Hardwood Mulch in all tree planning bads and 2" depth in shrub and groundcover areas unless of honesias indicated. Peat Moss is to be installed in all annual flower, perennial flower and ground cover planning bads. Such bads shall been an elementated mulch. Not.

- Contractor shall achieve to all soil encoion presention methods as directed ship in cid emplement glowings and Muricipal Ordinance including methods in grant and market grant glowings and Muricipal Ordinance including methods in grant glowings and Muricipal Ordinance including methods from binaring site or entering area drains, seven bloss, creates or natural areas.

- Intended date of installation shall be between March 15 and November 15. All plant materials shall be guaranteed for 2 years, minimum of one cultivation in June, July and August for the 2-year warranty period.

PLANT LIST

QTY.	DESCRIPTION	SIZE / ROOT
23	Ptcea glauca White Spruce	8', B&B
27	Pinus strobus White Pine	8', B&B
27	Picea abies Norway Spruce	8', B&B
14	Malus sargentii Sargent Crab	3* cal., B&B
9	Pyrus calleryana Cleveland Select Pear	3" cal., B&B
7	Acer rubrum 'Autumn Blaze' Autumn Blaze Maple	3" cal., B&B
6	Plathus x acerfolia London Plain Tree	3" cal., B&B
1	Fagus sylvatica ' Purpurea Tricolor ' Deep Purple Variegated Beech	3" cal., B&B
23	Betula nigra River Birch	3" cal., B&B
6	Malus spp. 'Prariefire' Prariefire Flowering Crabappie	3" cal., B&B
14	Tilla cordata Little-Leaf Linden	3" cal., B&B
6	Platanus occidentalis Sycamore	3* cal., B&B
14	Ginkgo biloba Ginkgo	3* cal., B&B
8	Cornus florida Flowering Dogwood	B&B
18	Amelanchier arborea Downy Serviceberry	3" cal., B&B
9	Cornus alba 'Sibirica' Red Twig Dogwood	B&B
38	Juniperus chinensis var. sargentii Sargent Juniper	B&B
12	Calamagrostis x acutiflora 'Karl Forester' Karl Forester Reed Grass, 2 gal.	Container
18	Hydrangea querdfo l a Oakleaf Hydrangea, 5 gal.	Container
14	Thija occidentalis 'Yellow Ribbon' Yellow Ribbon Arborvitae	B&B

QTY	DESCRIPTION	SIZE / ROOT
32	Imperata cylindrica 'Red Baron' Japanese Blood Grass 'Red Baron', 2 gal.	Container
5	Taxus x media 'Everlow' Everlow Yew, 2 gal.	Container
10	Viburnum carlesii Korean Spice Viburnum, 5 gal.	Container
10	Buddleja davidji Butterfly bush, 5 gal.	Container
2	Hibiscus syriacus Rose of Sharon, 5 gal.	Container
40	Perennials, 1 gal.	Container

SEED MIX DATA

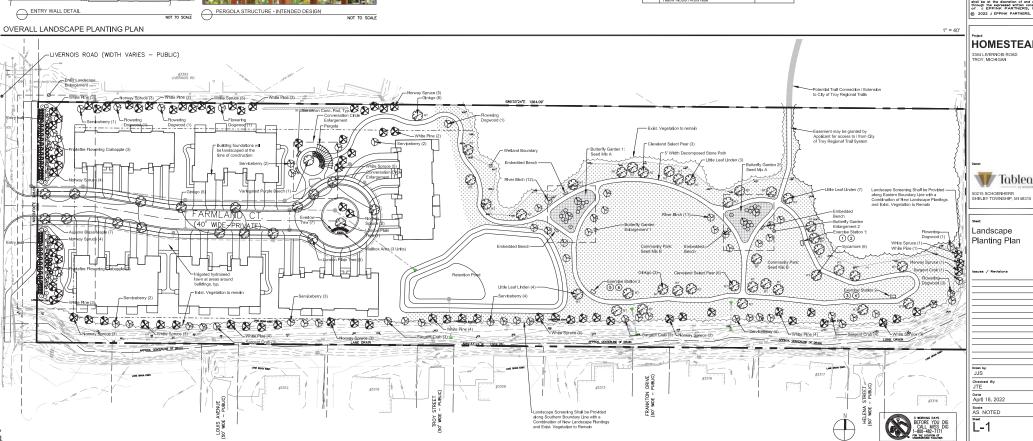
Rhino Low Grow/Low Profile Wildflower Mit (Seed Mitx A)
Great performing mitx of annuals and perennials, Grows, 12-18" tall, Seed at 8-12 # / Ac
Seed varieties:
Bachelor Button dwt., Siberian Wallflower, Farewell to Spring dwf., Chinese Houses, La
Leaf Coreopsis dwf., Plains Coreopsis dwf., Chinese, Forget Me Nut, Sweet William, African Dalay, California Poppy, Baby's Breath, Candytuft, Blue Flax, Sweet Alyssun Baby Blue Eyes, California Bluebels, Catchilly

Rhino Midwest Wildflower Mix (Seed Mix B) Annuals and Perennials: Seed at 8-12#/Acre

Annuas and referensist; seed at E-12#/Acre
Seed varieties:
New England Aster, Cornflower, Siberjan Wallflower, Lance
leaf, Coreopals, Flains Coreopals, Larkspur, Sweet William,
Purple Coneflower, Perennial Galllarda, Annual Galllarda,
Annual Baby's Breath, Blue Flax, Perennial Lupine, Dwarf Evening Primrose, Corn Poppy, Prairie Coneflower, Clasping, Coneflower, Black Eyed Susan, Catchfly

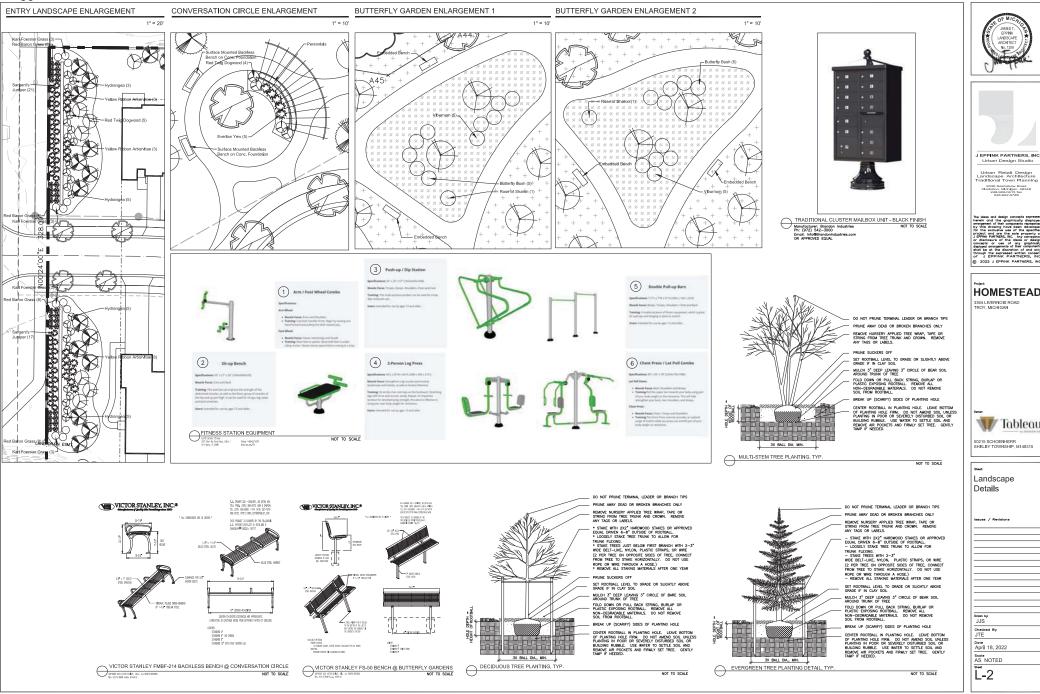
J EPPINK PARTNERS, INC Urban Design Studio

or the exclusive use of the specified project makes the sale property of J EPPIK PARTNERS, Nr. Any conveyance or disclosure of the Ideas or design companies or design companies or design companies or the Ideas or design companies that the order of the companies that the order of the companies of J EPPIK PARTNERS, INC of J EPPIK PARTNERS, INC © 2022 J EPPINK PARTNERS, INC











J EPPINK PARTNERS, INC

The lease and design concepts expressed herein and the graphically displayed arrangement of their components represented for the exclusion of their components represented for the exclusion use of the except of the control of the except of their control of JEPHNIK PARTINETS, INC.

HOMESTEAD 3364 LIVERNOIS ROAD TROY, MICHIGAN



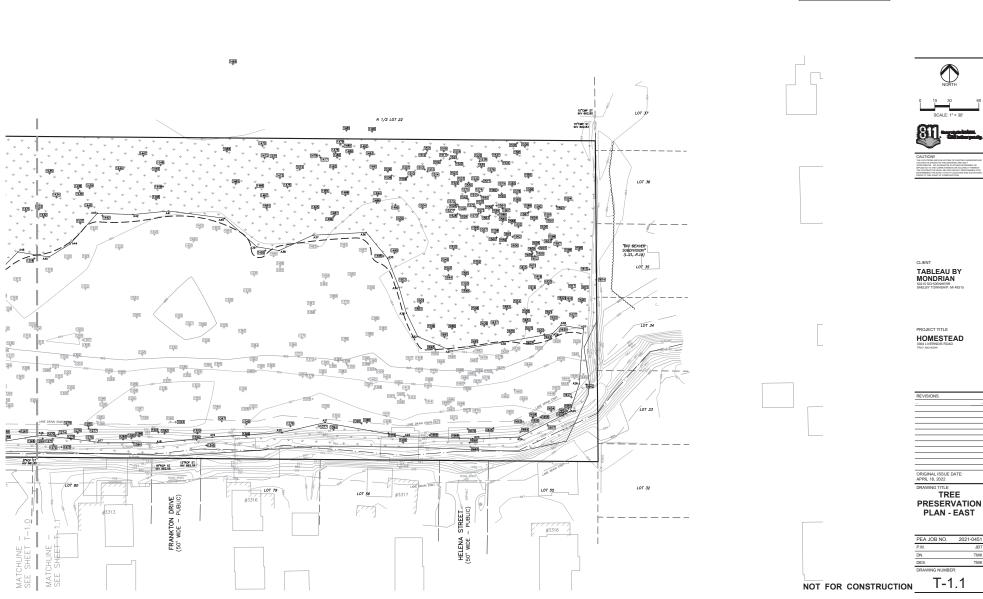
Landscape Details

Issues / Revisions



λΞς GROUP ± 844.813.2949 www.peagroup.com









TAG	CODE	DBH	COMMON NAME	LATIN NAME	COND	COMMENTS	CLASS	SAVE / REMOVE	ON-SITE	REPLACE
1001	SM	7	Silver-Maple	Ager-saccharinum	Fair	COMMENTO	INVASIVE	R	¥	
1002	SM	44	Silver-Maple Silver-Marie	Acer-saccharinum	Fair		INVASIVE	R	¥	-
1003	SM	44 Z	Silver-Maple Silver-Maple	Acer-saccharinum Acer-saccharinum	Fair		INVASIVE INVASIVE	R	¥	-
1005	SM	12	Silver-Maple	Ager saccharinum	Good		INVASIVE	R	¥	-
1006	NW	8	Norway Maple	Acer platanoides	Good		INVASIVE	R	¥	-
1007	SM	46 8	Slack-Willow- Silver Maple	Salix-rigra Acer saccharinum	Fair		INVASIVE INVASIVE	R S	¥	
1009	SM	7	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	Y	
1010	SM	12	Silver Maple	Ager saccharinum	Good		INVASIVE	8	N	-
1011	SM	10	Silver Maple Silver Maple	Acer saccharinum Acer saccharinum	Fair		INVASIVE INVASIVE	8	Y	
1013	BX	45	Box-elder	Acer negundo	Fair		INVASIVE	R	¥	
1014	SM	44	Silver-Maple	Aper-saccharinum	Fair		INVASIVE	R	¥	-
1015	BWW	10	Black-Willow Box-eider	Salix-nigra Acer-negundo	Fair	×2	INVASIVE INVASIVE	R	¥	
1017	BX	7.	Box-eider	Acer negundo	Poor		INVASIVE	R	¥	-
1018	BAAN	17	Black-Willow-	Salix-nigra	Fair		INVASIVE	R	¥	
1019	SM	6 12	Silver-Maple Silver-Maple	Aper-saccharinum Aper-saccharinum	Fair		INVASIVE INVASIVE	R	¥	
1021	SM	45	Silver-Maple	Aper-sacoharinum	Fair		INVASIVE	R	¥	-
1022	SM	18	Silver-Maple	Ager-saccharinum	Fair		INVASIVE	R	¥	
1023	E BX	6	American-Em Box-eider	Umus americana Acer-negundo	Good Very Poor		INVASIVE INVASIVE	R	¥	-
1025	BX	6	Box-eider	Acer negundo	Fair		INVASIVE	R	*	-
1026	SM	19	Silver-Maple	Ager-saccharinum	Good		INVASIVE	R	¥	-
1027	SM	24 48	Silver-Maple Silver-Maple	Ager-saccharinum Ager-saccharinum	Good		INVASIVE INVASIVE	R	¥	
1029	BX	6	Box-eider	Acer negundo	Fair		INVASIVE	R	*	-
1030	SM	12	Silver-Maple	Ager-saggharinum	Good		INVASIVE	R	¥	
1031	SM	7	Silver-Maple	Aper-sappharinum	Poor		INVASIVE	R	¥	
1032	SM	11	Silver-Maple Silver-Maple	Aper-saccharinum Aper-saccharinum	Good		INVASIVE INVASIVE	R	¥	
1034	E	42	American Em	Umus americana	Fair		INVASIVE	R	¥	-
1035	SM	14	Silver Maple	Ager-saggharinum	Good		INVASIVE	R	¥	
1036	BX BX	6 12	Box-elder Box-elder	Acer-negundo Acer-negundo	Very-Poor Fair		INVASIVE INVASIVE	R	¥	-
1037	MW	28	White-Malberry	Monus-alba	Poor	×2	INVASIVE	R	¥	-
1039	BX	10	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	-
1040	BX	17	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	
1041	PN SM	8 40	Pin Cherry Silver-Maple	Prunus-pennsylvanica Acer-saccharinum	Poor		WOODLAND	R	¥	
1043	BX	8	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	
1044	MW	8	White Mulberry	Morus-alba	Fair		INVASIVE	R	¥	
1045	MAV BX	8 2	White Mulberry Box elder	Morus-alba	Fair		INVASIVE INVASIVE	R	¥	
1048	SM	, z	Silver-Maple	Acer-negundo Acer-saccharinum	Poor		INVASIVE	R	¥.	-
1048	SM	13	Silver-Maple	Ager-saggharinum	Good		INVASIVE	R	¥	-
1049	SM	8	Silver-Maple	Acer-saccharinum	Fair		INVASIVE	R	¥	-
1050	SM	46	Silver-Maple Silver-Maple	Aper-sacoharinum Aper-sacoharinum	Good		INVASIVE	R	¥	
1052	SM	12	Silver-Maple	Ager saggharinum	Fair		INVASIVE	R	¥	-
1063	SM	15	Silver Maple	Aper-sacoharinum	Good	*1	INVASIVE	R	¥	-
1064	SM	13 44	Silver-Maple Silver-Maple	Acer-saccharinum Acer-saccharinum	Fair		INVASIVE INVASIVE	R	¥	-
1055	SM	7	Silver-Maple	Ager-saccharinum	Fair		INVASIVE	R	¥	
1067	SM	12	Silver-Maple	Aper-saccharinum	Good		INVASIVE	R	¥	
1068	SM	6	Silver-Maple Silver-Maple	Aper-sacoharinum	Good		INVASIVE INVASIVE	R	¥	
1060	SM	40	Silver-Maple	Acer-saccharinum Acer-saccharinum	Good		INVASIVE	R	¥	
1061	SM	18	Silver-Maple	Ager-saccharinum	Fair		INVASIVE	R	¥	-
1062	SM	18	Silver-Maple	Aper-saccharinum	Good		INVASIVE	R	¥	-
1063	SM E	14	Silver-Maple American-Em	Acer-saccharinum Umus-americana	Good		INVASIVE INVASIVE	R	¥	
1065	E	6	American Em	Umus americana	Fair		INVASIVE	R	¥	-
1066	SM	6	Silver Maple	Ager-saccharinum	Good		INVASIVE	R	¥	
1067	BX BX	8 21	Box-eider Box-eider	Acer-negundo	Fair Poor		INVASIVE INVASIVE	R	¥	-
1068	BX	10	Box-eider Box-eider	Acer-negundo Acer-negundo	Very-Poor		INVASIVE	R	¥	-
1070	SM	6	Silver-Maple	Aper-saccharinum	Good		INVASIVE	R	¥	-
1071	BX	12	Box-elder	Acer negundo	Fair		INVASIVE INVASIVE	R	¥	
1072	BWW	21 8	Black-Willow- Box-eider	Salix-riigra Acer-negundo	Fair	*1	INVASIVE	R	¥	H .
1074	MAN	7	White Mulberry	Morus-alba	Good		INVASIVE	R	¥	-
1075	BAW	17	Black Willow	Salix-nigra	Fair		INVASIVE INVASIVE	R R	¥	-
1076	BIANV	49	Stack-Willow-	Salix-rigra Salix-rigra	Very Poor Poor	×2	INVASIVE	R	¥	
1078	PN	8	Pin Cherry	Prunus pennsylvanica	Fair	- Ne	WOODLAND	R	¥	REPLACE
1079	SM	15	Silver Maple	Acer-saccharinum	Good		INVASIVE	R	¥	
1080	CT SM	23	Cottonw ood	Populus deltoides	Good		INVASIVE INVASIVE	8	Y	-
1081	SM	8	Silver Maple Silver Maple	Ager saccharinum Ager saccharinum	Good		INVASIVE	5	Y	-
1083	SM	14	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Υ	-
1084	NM SM	8	Norway-Maple Silver Maple	Acer platanoides	Good		INVASIVE INVASIVE	R	¥	
1085	SM	46	Silver Maple Silver-Maple	Acer saccharinum Acer saccharinum	Fair Good		INVASIVE	S R	¥	-
1087	СТ	19	Cottonw ood	Populus deltoides	Good		INVASIVE	8	Y	-
1088	SM	9	Silver-Maple	Ager saccharinum	Fair		INVASIVE	R	¥	-
1089	CT GT	9 49	Cottonwood Cottonwood	Populus deltoides Populus deltoides	Fair		INVASIVE INVASIVE	S R	Y	1
1091	CT	16	Cottonwood	Populus detoides	Good		INVASIVE	8	Y	—
1092	BWW	20	Black Willow	Salix nigra	Fair	x1	INVASIVE	8	Y	-
1093	SM	10	Silver Maple	Acer saccharinum	Fair		INVASIVE	8	Y	-
1094	SM	15	Silver Maple Silver Maple	Acer saccharinum Acer saccharinum	Good	×2	INVASIVE	s	Y	
1096	SM	9	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	Y	
1097	SM	10	Silver Maple	Ager-saccharinum	Good		INVASIVE	R	¥	-
1098	SM	10 20	Silver-Maple Cottonwood	Acer-saccharinum Populus deltoides	Good		INVASIVE INVASIVE	R S	¥	1
1100		11	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Ÿ	

1101 1102 1103	SM									
		9	Silver Maple	Acer saccharinum	Good		NVASNE	s	Y	
1103	SM	13	Silver-Maple	Acer-saccharinum	Fair		MVASN/E	R	¥	
	8E	15	Siberian Elm	Umus pumla	Fair		NVA8NE	R	¥	
1104	BWW	20	Black Willow	Salix nigra	Fair		INVASNE	5	Y	-
4105	E	45	American-Em	Umus-americana	Fair		INVASNE	R	¥	
1106	BX	8	Box elder	Aper negundo	Poor		NVASNE	8	Y	
1107	8M	11	Silver Maple	Acer saccharinum	Good		NVA8NE	8	Y	
1108	SM	18	Silver Maple	Acer saccharinum	Good		INVASNE	s	Y	
1109	SM	15	Silver Maple	Acer saccharinum	Good		INVASIVE	s	Y	
1110	BX	13	Box-elder	Acer-negundo	Fair		NVASNE	R	¥	
1111	86	17	Siberian Em	Umus pumla	Fair		NVASNE	R	¥	
1112	8x	13	Box elder	Aper-negundo	Fair		INVASIVE	R	*	<u> </u>
1113	BWW		Black-Wlow					R	* ×	-
		30		Salx-nigra	Fair		NVASNE			-
1114	8X	44	Box-elder	Acer-negundo	Poor		NVASNE.	R	¥	
1115	SM	17	Silver-Maple	Acer-saccharinum	Fair		NVASNE.	R	¥	
1116	BWW	18	Black-Willow	Salix nigra	Poor		INVASNE	R	¥	-
1117	BX	9	Box elder	Aper negundo	Fair		INVASME	s	Y	-
1118	BX	9	Box-elder	Acer-negundo	Fair		*WASNE	R	¥	
1119	SM	7	Silver Maple	Acer saccharinum	Fair		NVA8NE.	8	Y	
1120	SM	8	Silver Maple	Acer saccharinum	Fair		INVASNE	8	Y	-
1121	BWW	14	Black Willow	Salix nigra	Fair		INVASNE	5	Y	
1122	SM	6	Silver Maple	Acer saccharinum	Fair		NVASNE	8	Y	
1123	SM	16	Silver Maple	Ager-saggharinum	Good		NVASNE	R	¥	
1124	SM	9	Silver Maple	Acer saccharinum	Fair		NVASNE	8	Y	
1125	SM	6	Silver Maple				NVASNE	s	Ÿ	<u> </u>
1125		0		Acer saccharinum	Fair				Y	-
	SM	12	Silver Maple	Acer saocharinum	Good		NVASNE	8		
1127	SM	7	Silver Maple	Acer saccharinum	Fair	x1	NVASNE	8	Y	· ·
1128	EE	17	Siberian Elm	Umus pumila	Good		NVASNE	8	Y	
1129	СТ	23	Cottonw ood	Populus deltoides	Good		NVASNE	s	Y	<u> </u>
1130	BMM	14	Black-Wlow	Salix nigra	Poor		NVASNE	R	¥	
1131	8X	10	Box-elder	Aper-negundo	Fair		NVASNE.	R	¥	
1132	8X	۵	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1133	8X	6	Box-elder	Aper-negundo	Poor		INVASNE	R	¥	
1134	BWW	13	Black Wlow	Salix nigra	Very Poor	dead	NVASNE	R	¥	
1135	BWW	13	Black-Wlow	Salx nigra	Fair		NVASNE	R	¥	
1136	BX	11	Box-elder	Ager-negundo	Fair		NVASNE	R	*	l :
1137	BWW	47	Black-Willow	Salx nigra	Poor		NVASNE	R	*	<u> </u>
4437 4438	BWW	13	Black-Wlow		Very Poor	dend	NVASNE NVASNE	R	*	<u> </u>
1138	BWW	18	Black-Wlow Black-Wlow	Salix nigra		dead	NVASNE NVASNE	R	¥	<u> </u>
	SM SM			Salix nigra	Fair	x1			¥	-
1140		13	Silver-Maple	Acer-saccharinum	Fair	×4	INVASIVE	R		-
1141	BWW	48	Black-Willow	Salix nigra	Fair		INVASNE	R	¥	-
1142	BMM	16	Black-Wlow	Salix nigra	Fair		NVASNE	R	Ψ.	-
1143	BX	8	Box-elder	Acer-negundo	Fair		NVASNE.	R	¥	
1144	BX	16	Box-elder	Acer-negundo	Good		NVASNE.	R	¥	-
1145	BWW	14	Black-Wlow-	Salix nigra	Fair	142	INVASNE	R	¥	
1145	BX	47	Box-elder	Acer-negundo	Fair		INVASNE	R	¥	
1147	GA	6	Green Ash	Fraxinus pennsylvanica	Fair		NVASNE	R	¥	
1148	BX	7	Box-elder	Aper-negundo	Poor		INVASIVE	R	¥	<u> </u>
1149	SM	9	Silver-Maple	Ager-separation	Good		INVASIVE	R	*	<u> </u>
	EE.			Acer-saccrannum	Fair			R	* ×	-
4450		42	Siberian Em	Umus-pumla			NVASNE			
1151	BWW	19	Black-Wlow	Salix nigra	Fair	x3	NVASNE.	R	¥	
1152	SM	10	Silver-Maple	Acer-saccharinum	Fair		₩A8NE	R	¥	-
4453	SM	8	Silver-Maple	Acer-saccharinum	Poor		INVASNE	R	¥	-
4454	Œ	16	Siberian Elm	Umus-pumla	Fair		INVASIVE	R	¥	-
1155	EE.	26	Siberian Em	Umus pumla	Good		INVASNE	R	¥	
1198	BX	12	Box-elder	Aper-negundo	Fair		NVASNE.	8	¥	
1157	BHAN	17	Black-Willow	Salix niona	Fair	×4	NVASNE	B	¥	
4458	8X	7	Box-elder	Acer-negundo	Fair		NVASNE	R	¥	_
1159	BX	9	Box elder	Ager-negundo	Fair		NVASNE			<u> </u>
1160										<u> </u>
				Morus-alba	Fair			R	¥	
	MW	6	White Mulberry				NVA8NE	R	¥	-
1161	8x	٥	Box-elder	Aper-negundo	Fair		NVASNE NVASNE	R	¥	-
1181 1182	BX MW	6	Box-elder White Mulberry	Morus-alba	Fair		NVASNE NVASNE NVASNE	R R	*	-
1161 1162 1163	MAV BX	9 6 7	Box-elder White Mulberry Box-elder	Morus-alba Acer-negundo	Fair Very-Poor		NVASVE NVASVE NVASVE	R R R	* * *	
1161 1162 1163 1164	BX MW BX NM	9 6 7 8	Box elder White Mulberry Box elder Norway-Maple	Morus-alba Acer-negundo Acer-platanoides	Fair Very Poor Good		NVASVE NVASVE NVASVE NVASVE	R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1184 1185	BX MW BX NM SM	9 6 7 8	Box-elder White Mulberry Box-elder	Morus-alba Acer-negundo	Fair Very Poor Good Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	R R R R	* * * * *	-
1181 1162 1163 1184 1185	BX MW BX NM	9 6 7 8	Box elder White Mulberry Box elder Norway-Maple	Morus-alba Acer-negundo Acer-platanoides	Fair Very Poor Good		NVASVE NVASVE NVASVE NVASVE	R R R	* * * * * * * * * * * * * * * * * * *	-
1181 1162 1163 1184 1185 1186	BX MW BX NM SM	9 6 7 8	Box elder White Mulberry Box elder Norway-Maple Silver-Maple	Morus alba Acer-negundo Acer-piatanoides Acer-saccharinum Acer-negundo	Fair Very Poor Good Good Poor		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	R R R R	* * * * *	
1181 1162 1163 1184 1185 1186 1167	BX MW BX NM SM BX	9 6 7 8 12 7	Box elder White Mulberry Box elder Norway-Maple Silver-Maple Box elder	Morus-alba Acer-negundo Acer-pistonoides Acer-saccharinum Acer-negundo Acer-negundo	Fair Very Poor Good Good Poor Poor		NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE	R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1185 1167 1168	BX MAV BX NM SM BX BX BX	9 6 7 8 12 7 9	Box elder White Mulberry Box elder Norw ay-Maple Silver-Maple Box elder Box elder Box elder	Morus-alba Acer-negundo Acer-pistanoides Acer-sacoharinum Acer-negundo Acer-negundo Acer-negundo	Fair Very-Poor Good Good Poor Poor Good		NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE	R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1185 1167 1167 1168	BX MAY BX NM SM BX BX BX BX	9 6 7 8 12 7 9 23	Box-eider White Mulberry Box elder Norw ay Maple Silver-Maple Box-eider Box-eider Box-eider Silver-Maple	Monus-alea Acer-negundo Acer-pistanoides Acer-saccharinum Acer-negundo Acer-negundo Acer-negundo Acer-negundo Acer-saccharinum	Fair Very Poor Good Good Poor Poor Good Good		WASNE	R R R R R R	* * * * * * * * * * * * * * * * * * *	-
1181 1162 1163 1184 1185 1185 1167 1168 1169 1170	BX MW BX NM SM BX BX BX BX BX BX	9 6 7 8 12 7 9 23 10	Box elder White Multerry Box elder Box elder Silver-Maple Box elder Box elder Silver-Maple Box elder Box elder Silver-Maple	Monus-alba Acer-negundo Acer-pistanoides Acer-pistanoides Acer-segundo Acer-negundo Acer-negundo Acer-negundo Acer-segundo Acer-segundo Acer-segundo Acer-negundo	Fair Very Poor Good Good Poor Poor Good Good Fair	vi.	NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE NVASVE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	-
1161 1162 1163 1164 1165 1167 1168 1168 1169 1170	BX MW BX NM SM BX BX BX SM BX	9 6 7 8 12 7 9 23 19 25	Box elder White Multerry Box elder Norw ay-Maple Sitver-Maple Box elder Box elder Box elder Box elder Box elder Sitver-Maple Box elder Sitver-Maple	Morus alba Aoer negundo Aoer pistonides Aoer sacoharinum Aoer negundo	Fair Very Poor Good Good Poor Roor Good Good Fair Fair	×ŝ	WASNE WASNE WASNE WASNE WASNE WASNE WASNE WASNE WASNE WASNE WASNE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1462 1163 1184 1185 1185 1187 1188 1189 1470 1471 1172	BX MW BX NM BX BX BX BX SM BX SM BX	9 6 7 8 12 7 9 23 19 25 20 9	Box elder White fablicerry Box elder Norw ay-Mopte Silver-Maple Box elder Box elder Box elder Box elder Box elder Silver-Maple Box elder Silver-Maple Silver-Maple Silver-Maple	Morus alba Acer negundo Acer pistanoides Acer pistanoides Acer accolharinum Acer negundo Acer negundo Acer negundo Acer sacciharinum Acer sacciharinum Acer sacciharinum Acer sacciharinum Acer sacciharinum Acer sacciharinum	Fair Very-Poor Good Good Poor Poor Good Good Fair Fair Fair	×į	NVASVE	R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1185 1186 1167 1168 1169 1170 1171 1172	BX MW BX NM BX BX BX BX SM BX SM BX SM BX	9 6 7 8 12 7 9 23 10 25 20 9	Box-elder White Mulcerry Box elder Norw ay-Maple Silver-Maple Box-elder Box-elder Box-elder Box-elder Silver-Maple Silver-Maple American-Erm	Morus alba Acer negundo Acer pistanoides Acer saccharinum Acer negundo Acer negundo Acer negundo Acer negundo Acer negundo Acer saccharinum Acer saccharinum Acer accharinum Acer accharinum Acer accharinum Acer accharinum	Fair Very-Poor Good Good Peor Poor Good Good Fair Fair Fair Good	xt	NVASVE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1186 1167 1168 1189 1170 1172 1173 1174	BX MW BX NM BX	9 6 7 8 12 7 9 23 19 25 20 9 7	Box edder Mitter Bullberry Box edder Norw ay Misple Silver-Mapie Box edder Box edder Box edder Box edder Silver-Mapie Box edder Silver-Mapie Box edder Silver-Mapie Silver-Map	Morus alba Acer-negundo Acer pistanoides Acer-saccharinum Acer-negundo Acer-negundo Acer-negundo Acer-acocharinum	Fair Very-Poor Good Good Peor Good Good Fair Fair Fair Good Fair	χŝ	PWASNE	R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1186 1167 1168 1169 1170 1171 1172 1173 1174	BX MW BX NM BX	9 6 7 8 12 7 9 23 19 25 20 9 7 22 13	Box 46der White Mullberry Box 46der Norw ay Majole Silver-Mujole Box 46der Box 46der Box 46der Box 46der Box 46der Box 46der Box 46der Box 46der Angele Silver-Mujole Silver-Mujole Silver-Mujole Silver-Mujole Silver-Mujole	Mons-alica Acer-negundo Acer-pistanoides Acer-sacolharinum Acer-negundo Acer-negund	Fair Very-Poor Good Good Poor Good Good Fair Fair Fair Good Fair Good	×ŧ	NVASVE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1462 1463 1164 1185 1186 1196 1196 1197 1197 1170 1172 1173 1174 1176	BX MW BX NM SM BX BX BX BX SM BX SM	9 6 7 8 12 7 9 23 19 25 20 9 7 22 13	Box elder White Mullerry Box elder Norm sy Mople Shive Maple Box elder Box elder Box elder Box elder Shive Maple Shive Maple Shive Maple Shive Maple Shive Maple Shive Maple Shive Maple Shive Maple	Monse alba Acer negundo Acer pistenoides Acer saccinarinum Acer negundo Acer saccinarinum Acer negundo Acer n	Fair Very-Poor Good Good Poor Good Good Fair Fair Good Fair Fair Good Fair Good Fair Good Food Good Food Good Food Good Food Good Food Good	xi	NVASHE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * *	
1181 1163 1163 1184 1188 1186 1167 1168 1169 1172 1172 1173 1174 1174 1177	BX MW BX NM BX BX BX BX BX BX SM BX SM SM SM SM SM SM SM SM	9 6 7 8 8 12 7 9 23 10 25 20 9 7 22 43 41 10	Box 46der White Mullberry Box 46der Norw sy Majole Silver-Napise Box 46der Box 46der Silver-Majole Box 46der Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole	Monre alba Acer pagundo Acer pagundo Acer pagundo Acer pagundo Acer pagundo Acer A	Fair Very Poor Good Good Peor Good Good Fair Fair Good Fair Good Fair Good Fair Good Fair	xi	NVASHE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1163 1163 1184 1185 1167 1168 1169 1172 1173 1174 1174 1175 1177 1178	BX MW BX NM BX BX BX BX BX BX SM BX SM	9 6 7 8 12 7 9 9 23 10 25 20 9 7 22 43 14 10 6	Box elder White Mulberry Box elder Norw sy Mujde Silver Mujde Box elder Box elder Box elder Box elder Silver Mujde Silver Mujde	Monre alba Acer paparoles Acer paparole Acer paparol	Fair Very-Poor Good Good Poor Foor Good Good Fair Fair Good Fair Good Fair Fair Fair Good Fair Fair	xi	NVASHE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * *	
1181 1163 1163 1184 1185 1167 1168 1169 1172 1173 1174 1174 1175 1177 1178	BX MW BX NM BX BX BX BX BX BX SM BX SM SM SM SM SM SM SM SM	9 6 7 8 8 12 7 9 23 10 25 20 9 7 22 43 41 10	Box 46der White Mullberry Box 46der Norw sy Majole Silver-Napise Box 46der Box 46der Silver-Majole Box 46der Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole Silver-Majole	Monre alba Acer pagundo Acer pagundo Acer pagundo Acer pagundo Acer pagundo Acer A	Fair Very Poor Good Good Peor Good Good Fair Fair Good Fair Good Fair Good Fair Good Fair	×i	NVASHE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	
1181 1162 1163 1164 1168 1166 1166 1167 1168 1170 1172 1173 1174 1174 1177 1177 1177 1177 1178	BX MW BX NM BX BX BX BX BX BX SM BX SM	9 6 7 8 12 7 9 9 23 10 25 20 9 7 22 43 14 10 6	Box elder White Mulberry Box elder Norw sy Mujde Silver Mujde Box elder Box elder Box elder Box elder Silver Mujde Silver Mujde	Monre olde Acer especial Acer espe	Fair Very-Poor Good Good Poor Foor Good Good Fair Fair Good Fair Good Fair Fair Fair Good Fair Fair	×4	NVASHE	R R R R R R R R R R R R R R R R R R R	* * * * * * * * * * * * *	
1181 1162 1163 1164 1168 1166 1166 1167 1168 1170 1172 1173 1174 1175 1177 1177 1178 1179 1179	BX MW BX NM BX BX BX BX BX BX SM BX SM	9 6 7 8 12 7 9 23 19 25 20 9 7 22 43 14 10 6	Box eldder White Mulberry Box elder Norwa y-Muple Box elder Norwa y-Muple Box elder Box elde	Monre alba Acer paparoles Acer paparole Acer paparol	Fair Very-Poor Good Good Fair Fair Good Good Fair Fair Good Fair Fair Fair Fair Fair Fair	xt	NVASHE		* * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1185 1186 1187 1188 1189 1172 1172 1173 1174 1177 1178 1177 1178 1178 1179 1179 1180 1180 1180 1180 1180 1180 1180 118	BX MW BX NM BX	9 6 7 8 142 7 9 23 140 25 20 9 7 22 43 44 44 44 43 6	Box elder White Mulberry Box elder Norwa y-Muple Box elder Norwa y-Muple Box elder	Menur alba Acer registro Acer patanosise Acer sacchiarinum Acer sa	Fair Very-Poor Good Good Feor Good Good Good Good Fair Fair Good Fair Good Fair Good Good Fair Good Good Fair Fair Good Good Fair Fair	xi	RVASHE	R R R R R R R R R R R R R R R R R R R	** ** ** ** ** ** ** ** ** **	
1181 1162 1163 1184 1185 1186 1186 1187 1188 1189 1170 1172 1173 1174 1177 1178 1177 1178 1179 1179 1180 1180 1180 1180 1180 1180 1180 118	BX MW BX NM BX SM BX SM BX SM BX SM	9 8 12 7 9 23 19 25 20 9 7 22 24 43 14 14 15 6 44 43	Box elder White Mulberry Box elder Flore ay Magle Box elder Flore ay Magle Box elder Box Box elder	Morre alba Acer appurab Acer piptanoises Acer piptanoises Acer sepurab Acer acer Acer secondariemen Acer engundo Acer acer Acer secondariemen Acer engundo Acer acer Acer secondariemen Acer acer Acer secondariemen Acer acer Acer secondariemen Acer acer Acer secondariemen Acer acer Acer Acer Acer Acer Acer Acer Acer A	Fair Very-Poor Good Good Peor Roor Good Fair Fair Good Fair Fair Good Fair		NVASHE	展	* * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1186 1186 1187 1188 1199 1170 1172 1173 1174 1177 1178 1177 1178 1178 1178 1178	BX MW BX MM BX MM BX BX BX BX SM BX SM	9 8 12 7 9 23 19 25 20 9 7 22 23 14 10 6 11 14 13 6 14 13 6	Box elder White Mulberry Box elder Norm ay Majob Box elder Box eld	Minus edito Acer esignation Acer politamiostes Acer politamiostes Acer secondarium Acer espurido Acer esponimium Acer espo	Fair Very-Poor Good Good Poor Poor Good Good Fair Fair Good Good Fair Fair Good Good Good Fair Fair Good Good Fair Fair Good Good Fair Fair Good Good Fair Fair Good Good Good Good Good Good Good Goo	x1 x1 x2	NVASIVE		* * * * * * * * * * * * *	
1181 1162 1163 1184 1185 1186 1186 1187 1188 1199 1172 1173 1174 1177 1177 1177 1178 1178 1181 1181	BX MW BX NM BX SM BX BX BX SM BX SM BX SM BX SM BX SM SM SM SM SM BX SM	9 8 12 7 9 23 19 25 20 9 7 22 43 14 10 6 44 43 47	Box elder White Abbreys Box elder Box eld	Minus alba Acer registrolates Acer sepolatrinolate Acer	Fair Very-Poor Good Good Peer Poor Good Good Fair Fair Good Fair Good Fair Good Fair Good Fair Good Fair Good Fair Fair Good Fair Fair Fair Good Good Fair Fair Good Good Good Good Good Good Good Goo		NVASIVE		** ** ** ** ** ** ** ** ** **	
1181 1462 1163 1184 1185 1195 1195 1196 1198 1199 1172 1172 1173 1174 1177 1177 1178 1179 1179 1179 1180 1190 1191 1191 1191 1191 1191 119	BX MW BX NM BX BX BX BX BX BX SM SM SM SM SM E E SM	9 6 7 8 8 12 7 9 23 10 25 20 9 7 22 23 14 14 14 14 14 14 14 14 14 14 14 14 14	Box elder White Abbiers Box elder Soven Mayas Soven Mayas Soven Mayas Box elder Box elder Box elder Box elder Box elder Soven Mayas Sove	Minus edito Acer esignatio Acer politariosites Acer politariosites Acer secondarionan Acer escondarionan	Fair Very-Poor Good Good Fair Fair Good Good Fair Fair Good Good Fair Fair Good Fair Good Fair Fair Good Good Fair Good Good Fair	×2	NVASHE		** ** ** ** ** ** ** ** ** **	
1181 1462 1163 1184 1185 1195 1195 1196 1198 1199 1172 1172 1173 1174 1177 1177 1178 1179 1180 1181 1180 1181 1180 1181 1181 118	BX BX BX BX BX BX BX BX BX SM BX SM BX SM BX SM E E SM	9 6 7 8 8 12 23 19 25 20 9 7 22 23 14 14 14 14 14 14 14 14 14 14 14 14 14	Box elder White Abbigson Box elder Norw ay Mispla Silver Major Box elder Silver Major Box elder Silver Major Silver	Monre alba Acer registroides Acer polatroides Acer polatroides Acer sepontiment Acer registroides Acer agonomient Acer registroides Acer registroide Acer regis	Fair Very Pbor Good Good Peor Good Good Fair Fair Fair Fair Good Fair Good Fair Good Good Fair Good Good Fair Good Good Fair Good Good Good Good Good Good Good Goo		NVASIVE		** ** ** ** ** ** ** ** ** **	
1181 1162 1163 1164 1184 1185 1186 1180 1177 1172 1173 1174 1177 1177 1178 1178 1178 1178 1178	BX MW BX	9 6 7 8 8 12 7 9 23 149 25 20 7 22 43 44 40 6 6 44 43 47 42 42 43 44 44 44 43 44 44 44 44 44 44 44 44	Box elder White Authory Box elder Box elder Box elder Box elder Box adapta Box elder	Minus alba Acer asparado Acer pistanostes Acer asportuno Acer pistanostes Acer asportuno	Fair Very / Poor Good Good Poor Good Fair Fair Good Good Fair Fair Good Good Fair Good Good Good Good Good Good Good Goo	×2	RVASIVE RVASIV		* * * * * * * * * * * * *	
1181 11962 11963 11984 11985 11985 11985 11987 11978 11971 11772 11773 11774 11776 11777 11778 10778 10778 10778 10778 10778 10778 10778 10778 10778 10778 1	BX B	9 6 7 8 8 12 9 23 19 25 20 9 7 7 22 43 11 10 6 41 43 43 47 42 20 46 46 46 46 46 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48	Box elder White Abbiers Box elder Box eld	Minus adia Acer aggindo Acer pistanostes Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum	Feir Very Poor Good Good Peor Good Good Feir Fair For Good Feir Good Fair Fair Good Good Fair Fair Good Good Fair Fair Good Fair Fair Good Fair Fair Good Good Good Good Good Good	x2	RVASBUE NVASHE		** ** ** ** ** ** ** ** ** **	
1181 1462 1463 1184 1185 1186 1186 1187 1188 1189 1470 1471 1172 1173 1174 1475 1176 1177 1178 1478 1478 1483 1483 1483 1483 1483 1483 1483 148	BX B	9 6 7 8 8 12 7 9 23 19 9 25 20 9 7 22 43 11 10 6 44 13 8 8 47 42 20 43 44 44 43 44 44 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46	Box elder White Abbright Box elder B	Minus abla Acer appundo Acer polatriostes Acer appundo Acer polatriostes Acer appundo Acer acer Acer acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer	Feir Very-Poor Good Good Feir Fair Good Good Feir Good Good Feir Good Good Feir Good Good Good Feir Good Good Good Feir Good Good Good Feir Fair Good Good Good Feir Fair Good Good Feir Fair Good Good Feir Feir Good Good Feir Feir Good Good Good Good Feir Feir Feir Feir Feir Feir Feir Feir	×2	RVASSVE		** ** ** ** ** ** ** ** ** **	
1181 1462 1463 1184 1185 1186 1186 1187 1188 1189 1470 1471 1172 1173 1174 1475 1176 1177 1178 1478 1478 1483 1483 1483 1483 1483 1483 1483 148	BX B	9 6 7 8 8 12 9 23 19 25 20 9 7 7 22 43 11 10 6 41 43 43 47 42 20 46 46 46 46 46 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48	Dos elder Wilder Aufleren Dos elder Wilder Aufleren Dos elder Dos elder Schor ay Migde Dos elder Schor and Migde Dos elder Migde Elder Migde Dos elder Migde Eld	Minus adia Acer aggindo Acer pistanostes Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum Acer asophirinum	Feir Very Poor Good Good Peor Good Good Feir Fair For Good Feir Good Fair Fair Good Good Fair Fair Good Good Fair Fair Good Fair Fair Good Fair Fair Good Good Good Good Good Good	x2	RVASBUE NVASHE		** ** ** ** ** ** ** ** ** **	
1184 1462 1163 1184 1185 1186 1186 1186 1186 1186 1186 1180 1470 1471 1172 1173 1474 1475 1190 1181 1181 1181 1183 1184 1184 1185 1186 1188 1188	BX B	9 6 7 8 8 12 7 9 23 19 9 25 20 9 7 22 43 11 10 6 44 13 8 8 47 42 20 43 44 44 43 44 44 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46	Dos elder Wilder Aufleren Dos elder Wilder Aufleren Dos elder Dos elder Schor ay Migde Dos elder Schor and Migde Dos elder Migde Elder Migde Dos elder Migde Eld	Minus abla Acer appundo Acer polatriostes Acer appundo Acer polatriostes Acer appundo Acer acer Acer acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer Acer	Feir Very-Poor Good Good Feir Fair Good Good Feir Good Good Feir Good Good Feir Good Good Good Feir Good Good Good Good Good Good Good Feir Fair Good Good Good Feir Fair Good Good Feir Fair Good Good Feir Feir Good Good Feir Feir Good Good Good Good Feir Feir Feir Feir Feir Feir Feir Feir	x2	NVASIVE		** ** ** ** ** ** ** ** ** **	
1184 1462 1163 1184 1186 1186 1186 1186 1186 1186 1180 1471 1172 1173 1474 1475 1474 1477 1478 1478 1479 1481 1481 1482 1483 1484 1483 1484 1483 1484 1485 1486 1487 1488 1487 1488	BX B	9 6 7 8 8 12 9 23 19 9 2 2 2 2 2 2 3 4 3 4 4 4 4 4 4 4 4 4 4 4	Box elder Wilder Aufleren Stere Ster	More order Anne regionó Anne plannoles Anne anneles Anneles Anne annele	Filer Overy Poor Good Good Good Filer Fair Good Good Filer Fair Good Good Good Filer Filer Good Good Filer Good Filer Filer Good Filer Filer Filer Good Filer Good Filer Filer Good Good Good Good Good Filer Filer Filer Filer Filer Filer Filer Filer Good Goo	x2	RVASBUE RVASBU		* * * * * * * * * * * * * * * * * * *	
1184 1462 1163 1184 1185 1495 1497 1188 1190 1477 1172 1173 1474 1475 1177 1478 1478 1479 1481 1482 1483 1484 1483 1484 1485 1485 1485 1486 1487 1488 1488 1488 1488 1488 1488 1488	BX MMY BX SM BX SM BX SM BX SM	9 6 7 8 8 142 7 9 9 23 24 25 20 9 7 22 22 43 14 10 6 6 14 14 14 14 14 14 14 14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	Box elder Wilste Abshares Dox elder Wilste Abshares Dox elder Dox elder Sore Abshares Dox elder Sore Abshares Dox elder Dox elder Box el	More when Anne regarded Anne passaches Anne passaches Anne sacchimitation Anne sacchimit	Fair Coord C	x2 x2 x2	NAVASHE		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1184 1482 1482 1483 1484 1486 1486 1487 1488 1470 1470 1471 1472 1473 1474 1475 1478 1478 1483 1483 1483 1483 1483 1483 1483 148	BX MMY BX SM BX SM BX SM BX SM	9 6 7 8 8 142 7 9 9 23 25 20 9 7 7 22 43 44 44 43 44 47 42 20 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48	Dos editor White Adulance Box editor Bo	More election of the control of the	Fair Good Good Good Good Good Good Good Goo	x2	RYASBUE RYASBU		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1184 1184 1184 1186 1186 1186 1186 1186	BX MW MY SM SM BX	9 6 7 8 8 142 7 9 223 249 25 20 22 24 3 44 40 44 43 43 44 45 46 43 8 8 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46	Box elder Withte Adultery Dox elder Withte Adultery Dox elder Withte Adultery Dox elder Service Adulter Service Adulter Service Adulter Service Adulter Service Adulter Service Adulter Dox elder Box elder Box elder Box elder Box elder Serve Mayle	More of the Market State o	Feir Very Poor Good Good Good Good Good Good Good G	x2 x2 x2	NYASHE		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1481 1482 1493 1496 1496 1496 1497 1472 1472 1472 1473 1474 1475 1476 1476 1477 1478 1498 1498 1498 1498 1498 1498 1498 1498 1498 1498 1498	BX MW MX BX MX BX	9 6 7 8 8 12 7 9 23 25 20 9 9 7 7 22 24 43 44 44 43 44 45 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48	Dos eider Wichte Abderey Dos eider Wichte Abderey Dos eider Wichte Abderey Dos eider Stewart S	More electrical and a contract of the contract	Fair	x2 x2 x2	NVASHE		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1184 1482 1183 1184 1186 1186 1187 1187 1187 1172 1172 1173 1173 1174 1177 1177 1177 1177 1177	BX MW BX SM BX	9 6 7 7 8 8 12 7 9 23 23 19 25 20 9 9 7 7 22 43 10 6 6 44 14 14 45 20 46 46 47 46 46 46 46 46 46 46 46 46 46 46 46 46	Box editor White Multiprogram Box editor Annotation Birn Birnor Multiprogram Birnor M	More who was a common of the c	Fair Age of the Age of	x2 x2 x2	RYVASHE		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1194 1196 1196 1196 1196 1196 1196 1196	BX MW MW SM BX	9 8 12 7 7 8 8 12 3 14 14 14 14 14 14 14 14 14 14 14 14 14	Box older White fall-limits of Box older	More when the American Market State of the Am	Fair According to the Control of	x2 x2 x2	NO.500 NO		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1184 1482 1183 1184 1186 1186 1187 1187 1187 1172 1172 1173 1173 1174 1177 1177 1177 1177 1177	BX MW BX SM BX	9 6 7 7 8 8 12 7 9 23 23 19 25 20 9 9 7 7 22 43 10 6 6 44 14 14 45 20 46 46 47 46 46 46 46 46 46 46 46 46 46 46 46 46	Box editor White Multiprogram Box editor Annotation Birn Birnor Multiprogram Birnor M	More who was a common of the c	Fair Age of the Age of	x2 x2 x2	RYVASHE		Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	

1202 1203 1204	8	28	Box-eider American-Em	Acer-negundo Umus-americana	Very-Poor Good		INVASIVE	R	¥	
										<u> </u>
	BX	9	Box-elder	Acer-negundo	Very Poor		INVASIVE	R	¥	-
7204	BX	20	Box-eider	Acer-negundo	Good		INVASIVE	R	¥	
4205	E	45	American-Em	Umus americana	Good		INVASIVE	R	¥	
1206	ε	15	American-Em	Umus-americana	Fair		INVASIVE	R	¥	
1207	BX	10	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1208	BW	9	Black Walnut	Augians-nigra	Good		WOODLAND	R	¥	REPLACE
1200	SM	44	Silver Maple	Acer-saccharinum	Fair	set.	INVASIVE	R	¥	
1210	BX	6	Box-elder	Acer-negundo	Poor		INVASIVE	R	· v	_
1211	E	8	American-Em	Umus-americana	Fair		INVASIVE	R	- ×	-
	BW	15	American Em		Good	×1	WOODLAND	S S		<u> </u>
1212				Juglans nigra					Y	
1213	BW	10	Black Walnut	Juglans nigra	Good		WOODLAND	s	Y	
1214	SM	10	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	Y	
1215	Ε	10	American Em	Ulmus americana	Fair		INVASIVE	8	Y	
1216	ε	10	American Em	Umus americana	Fair		INVASIVE	s	Y	
4247	SM	46	Silver-Maple	Ager-sacobarinum	Fair		INVASIVE	R	¥	
1218	BX	8	Box-elder	Acer-negundo	Fair		INVASIVE	B	×	
1219	BX	8	Box-elder	Acer negundo	Fair		INVASIVE	R	¥	
									-	-
1220	BX	9	Box elder	Acer negundo	Fair		INVASIVE	8	Y	· ·
1221	BX	8	Box-eider	Acer-negundo	Fair		INVASIVE	R	¥	
1222	86	19	Siberian Bm	Umus pumia	Fair		INVASIVE	R	¥	
1223	BX	6	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1224	BX	6	Box-eider	Acer-negundo	Fair		INVASIVE	R	¥	
4225	8X	9	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	· ·
1226	SM	13	Silver-Maple	Ager-saccharinum	Fair		INVASIVE	R	¥	
1227	SM	10	Silver-Maple	Ager-saccharinum	Good		INVASIVE	R	¥	
1228	BX	9	Box-eider	Acer-negundo	Fair		INVASIVE	R	×	١.
1229	BE	2	Siberian-Bm	Umus-pumia	Poor		INVASIVE	R		<u> </u>
1220	SM	6			Poor		INVASIVE	R	¥.	<u> </u>
			Silver Maple	Ager-saccharinum						· ·
1231	BX	7	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	-
4232	SM	15	Silver-Maple	Aper-sacoharinum	Good		INVASIVE	R	¥	
4233	BWW	44	Black-Willow-	Salx-rigra	Poor		INVASIVE	R	¥	L :
1234	BWW	12	Black-Willow-	Salix nigra	Poor		INVASIVE	R	¥	
1235	BAW	17	Black-Willow-	Salix-nigra	Fair		INVASIVE	R	¥	
1238	BX	6	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	
1237	BX	6	Box eider	Acer negundo	Fair		INVASIVE	R	¥	
1238	BWW	13	Black Willow	Salix nigra	Very Poor		INVASIVE	R	¥	H :
1239	BANNA	7.2	Box elder				INVASIVE	R		<u> </u>
1239	BWW	14	Black-Willow	Acer-negundo	Poor		INVASIVE	R	¥	<u> </u>
	BAW			Salix-riigra			INVASIVE	R	¥	-
1241		6	Silver-Maple	Aper-saccharinum	Good				-	
1242	BX	10	Box-eider	Acer negundo	Poor		INVASIVE	R	Y.	
1243	BX	6	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	
1244	BX	6	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	I -
1245	BX	44	Box-eider	Acer-negundo	Fair		INVASIVE	R	¥	
1246	BWW	16	Black Willow	Salix-nigra	Very Poor		INVASIVE	R	Y.	
1247	E	8	American-Em	Umus-americana	Eak		INVASIVE	R	×	
1248	SM SM	8	Silver Maple	Acer saccharinum	Fair		INVASIVE	8	Y	<u> </u>
										-
1249	SM	8	Silver Maple	Acer saccharinum	Fair		INVASIVE	s	Y	
1250	BX	42	Box-eider	Acer-negundo	Very Poor		INVASIVE	R	¥	
1251	BAVA	32	Black Willow	Salix nigra	Fair		INVASIVE	8	Y	
1282	86	16	Siberian-Bm	Umus-pumila	Poor		INVASIVE	R	¥	
1253	SM	6	Silver Maple	Acer saccharinum	Fair		INVASIVE	8	Y	
1254	SM	6	Silver Maple	Acer saccharinum	Fair		INVASIVE	8	Y	
1255	BWW	10	Black Willow	Salix nigra	Fair		INVASIVE	8	Y	
1256	ст	24	Cottonw ood	Populus deltoides	Good		INVASIVE	8	· ·	
1257	SM	9	Silver Maple	Ager saccharinum	Good		INVASIVE	8	-	_
1258	SM	9	Silver Maple	Acer saccharinum	Fair		INVASIVE	s		<u> </u>
1259	BX	8			Fair		INVASIVE	8	Y	-
			Box elder	Acer negundo						
1260	BX	8	Box elder	Acer negundo	Poor		INVASIVE	8	Y	
1261	BX	6	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
4262	BW	43	Black Walnut	-Auglans-nigra	Good		WOODLAND	R	¥	REPLACE
1263	SM	14	Silver-Maple	Ager-saccharinum	Fair		INVASIVE	R	¥	
1284	BW	14	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
1285	BWW	16	Stack-Willow-	Salix-nigra	Very Poor		INVASIVE	R	¥	
1266	BWW	44	Black-Willow-	Salx-nigra	Very Poor		INVASIVE	R	¥	
1267	SM	10	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	Y	
1268	SM	6	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	Y	
1200	SM	7	Silver Maple	Acer saccharinum	Fair		INVASIVE	8	· ·	1 i
1270	CT	15	Cottonwood	Populus deltoides	Good		INVASIVE	s	-	<u> </u>
1270	BX	15	Box elder		Good	-	INVASIVE INVASIVE	8	Y	<u> </u>
				Acer negundo		-				· ·
1272	СТ	15	Cottonw ood	Populus deltoides	Good		INVASIVE	8	Y	· ·
1273	SM.	10	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	Y	-
1274	CT	21	Cottonw ood	Populus deltoides	Good	×1	INVASIVE	s	Y	
1275	SM	9	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1276	CT	26	Cottonw ood	Populus deltoides	Good		INVASIVE	8	Y	
	SM	10	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	1 -
1277	SM	10	Silver Maple	Aper saccharinum	Good		INVASIVE	s	Y	
			Box elder	Acer negundo	Poor		INVASIVE	s	Y	
1277	BX	8			Poor		INVASIVE	8	Y	
1277 1278	BX	12	Box elder	Acer negundo					- v	١.
1277 1278 1279 1280	BX	12	Box elder		Fair		INVASIVE	R		
1277 1278 1279 1280 1281			Box elder Black-Willow	Salix-nigra	Fair		INVASIVE INVASIVE	R	*	
1277 1278 1279 1280 1281 4282	BX BWW SW	12 21 40	Box elder Black Willow Silver-Maple	Saix-rigra Acer-saccharinum	Good		INVASIVE INVASIVE	R	* ×	-
1277 1278 1279 1280 1281 1282 1283	BX BAAV SM SM	12 21 40 10	Box elder Black-Willow- Silver-Maple Silver Maple	Salix-nigra Acer-saccharinum Acer saccharinum	Good		INVASIVE INVASIVE	R S	Y Y	-
1277 1278 1279 1280 1281 1282 1283 1284	BX BWW SM SM SM	12 21 40 10 16	Box elder Black Willow Silver Maple Silver Maple Silver Maple	Salix-nigra Acer-saccharinum Acer-saccharinum Acer-saccharinum	Good Good		INVASIVE INVASIVE INVASIVE	R S S	Y	-
1277 1278 1279 1280 1281 1282 1283 1284 1285	BX BAAV SM SM SM SM	12 21 40 10 16 7	Box elder Black-Willow- Silver-Maple Silver-Maple Silver-Maple Silver-Maple	Salix-rigra Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum	Good Good Fair		INVASIVE INVASIVE INVASIVE INVASIVE	8 8 8	Y	-
1277 1278 1279 1280 1281 1282 1283 1284 1285 1288	BX BMAN SM SM SM SM SM	12 21 40 10 16 7 8	Box elder Black Welow Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Box elder	Salix-rigra Ader-saccharinum Ader-saccharinum Ader-saccharinum Ader-saccharinum Ader-negundo	Good Good Fair Poor		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	8 8 8 8	Y	1
1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 4287	BX BWAV SM SM SM SM BX BX	12 21 40 10 16 7 8	Box elder Stack Welow Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Box elder Black Welnut	Salix-rigra Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum	Good Good Fair Poor Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE WGGGLAND	R S S S R	Y Y Y	REPLACE
1277 1278 1279 1280 1281 1283 1283 1284 1285 1286 1287 1288	BX BMAN SM SM SM SM SM SM SM BX BX BW	12 21 40 10 16 7 8 40 40	Box elder Black-Willow Silver Maple Silver Maple Silver Maple Silver Maple Block Welnut Black-Welnut Black-Willow	Salik-nigra Acer-saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo Jugans-nigra Salik-nigra	Good Good Fair Poor Good Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE WGGGLAND INVASIVE	R S S S R R	* Y	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 4287	BX BWAV SM SM SM SM BX BX	12 21 40 10 16 7 8	Box elder Stack Welow Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Box elder Black Welnut	Salix-rigra Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum Acer-saccharinum	Good Good Fair Poor Good	x4	INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE WGGGLAND	R S S S R	Y Y Y	REPLACE
1277 1278 1279 1280 1281 1283 1283 1284 1285 1286 1287 1288	BX BMAN SM SM SM SM SM SM SM BX BX BW	12 21 40 10 16 7 8 40 40	Box elder Black-Willow Silver Maple Silver Maple Silver Maple Silver Maple Block Welnut Black-Welnut Black-Willow	Salik-nigra Aoer-saccharinum Aoer-saccha	Good Good Fair Poor Good Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE WGGGLAND INVASIVE	R S S S R R	* Y	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1285 1286 1288 1288 1289	BX BANV SM SM SM SM BX BX BX BANV BANV BANV	12 21 40 10 16 7 8 40 14 12	Box elder Black-Wilsow Silver Maple Silver Maple Silver Maple Silver Maple Box elder Black-Welnut Black-Wilsow Black-Wilsow Black-Wilsow	Salik-nigra Ader-saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader negundo Jugians-nigra Salik-nigra Salik-nigra Salik-nigra	Good Good Fair Poor Good Fair Very-Poor	x1 x2	INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	R S S S S R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACE
1277 1278 1279 1280 1281 1283 1283 1284 1285 1285 1286 4287 1288 4289 4290 4291	BX BMAV SM SM SM SM BX BX BW BMAV BMAV BMAV BMAV	12 21 40 10 16 7 8 40 14 12 14	Box elder Black-Willow Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Box elder Black-Willow Black-Willow Black-Willow Black-Willow Black-Willow Black-Willow Black-Willow	Salik-nigra Ader-sascharinum Ader-sascha	Good Good Good Fair Poor Good Fair Very-Poor Fair Poor		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE WOODLAND INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	R S S S R R R R R R	* * * * * *	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1285 1286 4287 1288 1289 1290 4291	BX BANV SM SM SM SM BX BX BANV BANV BANV BANV BANV BANV	12 21 40 10 16 7 8 40 14 12 44 49 14	Box elder Black Willow Silver Mapile Silver Mapile Silver Mapile Box elder Black Welnut Black Willow Black Willow Black Willow Black Willow Black Willow Black Willow	Salik-rigra Ader-saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Salik-rigra Salik-rigra Salik-rigra Salik-rigra Salik-rigra Salik-rigra	Good Good Good Fair Poor Good Fair Very-Poor Fair Poor		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE WOODLAND INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	R S S S R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1285 1286 1288 1289 1289 1290 1490 1490 1490 1490 1490	BX BAW SM SM SM SM BX BW BAW BAW BAW BAW BAW BAW BAW BAW BAW	12 21 40 10 16 7 8 40 14 12 14 49 14 8	Box elder Black Willow Silver Mapile Silver Mapile Silver Mapile Blox Mapile Box elder Black Willow Black Willow Black Willow Box elder Black Willow Box elder Black Willow Box elder Black Willow Box elder	Salik-rigra Ader-saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader saccharinum Ader negundo Jugians-nigra Salik-rigra Salik-rigra Ader negundo Salik-rigra Ader negundo	Geed Good Good Fair Poor Geed Fair Very-Poor Fair Poor Fair Poor		IMASVE	R S S S R R R R	* * * * * *	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1285 1286 4287 1288 1289 1299 1499 1499 1499 1499 1499 1499 149	BX BANV SM SM SM SM BX BX BAN BANV BANV BANV BANV BANV BANV BX BANV BX BANV BX	12 21 40 10 16 7 8 40 14 12 14 49 14 8 31	Box eider Basok Willow Sölver Mapile Sölver Mapile Sölver Mapile Sölver Mapile Box eider Blook Willow Blook Willow Black Willow Blook Willow Box eider Blook Willow Box eider Black Willow	Saliv-rigra Ader-saccharhum Ader saccharhum Ader negundo Saliv-rigra Saliv-rigra Saliv-rigra Ader-negundo Saliv-rigra Ader-negundo Saliv-rigra	Geed Good Good Fair Poor Good Fair Very-Poor Fair Poor Fair Poor Fair	*2	IMMASVE	R S S S S R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACI
1277 1276 1279 1280 1281 1283 1284 1285 1285 1286 1289 1289 1289 1299 1299 1299 1299 1299	BX BYANV SM SM SM SM BX BYAN BYANV	12 21 10 10 16 7 8 40 14 14 49 14 8 31	Box elder Black Willow Black Willow Black Willow Black Willow Black Wallow Black Willow Black Willow Black Willow Black Willow Box elder Black Willow Black Black Willow Black	Salle-règra Ader saccharhum Ad	Geed Good Good Fair Poor Good Fair Very-Poor Fair Poor Fair Poor Fair Poor Fair Poor Fair Fair		IMMASVE	R S S S R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACE
1277 1278 1279 1280 1281 1283 1283 1284 1285 1285 1286 1289 1289 1290 1291 1292 1293 1294 1294 1295 1296 1296 1296 1296	BX BANV SM SM SM SM BX BX BANV BANV BANV BANV BANV BANV BANV BANV	12 21 40 10 16 7 8 40 14 12 14 49 14 8 31 46 6	Box elder Black Willow Silver Mapile Silver Mapile Silver Mapile Silver Mapile Box elder Black Willow Black Willow Black Willow Black Willow Box elder Black Willow	Saliu-rigra Ader-sadohrihum Ader sadohrihum Ader sadohrihum Ader sadohrihum Ader sadohrihum Ader sadohrihum Ader sadohrihum Ader negundo - Jugaren rigra Saliu-rigra Saliu-rigra Ader-negundo Saliu-rigra Ader-negundo Saliu-rigra Ader-negundo Saliu-rigra Ader-negundo Saliu-rigra Fadorus-penengundo Fa	Geed Good Good Fair Poor Good Fair Very-Poor Fair Poor Fair Poor Fair Fair Fair Fair Fair Fair	*2	IMMASVE	R S S S R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1286 1289 1289 1290 1292 1293 1294 1292 1293 1294 1294 1294 1295 1296 1297	BX BANV SM SM SM SM BX BX BANV BANV BANV BANV BANV BANV BANV BANV	12 21 40 10 16 7 8 40 14 12 14 49 14 8 31 46 6	Box elder Black Willow Block Willow Block Willow Block Willow Block Maple Block Wallow Black Willow Green Ach Black Willow Green Ach Black Willow Bl	Salis-regia Acer sacchierhum Acer regiand Acer regiand Salis-regia Salis-regia Salis-regia Acer regiando Salis-regia Salis-regia Acer regiando Salis-regia Salis-regia Acer regiando Salis-regia	Geed Good Good Fair Poor Geed Fair Poor Fair Fair Poor	*2	IMMASVE	R S S S R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACI
1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1288 1289 1289 1290 1291 1292 1292 1293 1294 1292 1293 1294 1295 1296 1297 1298	BX BAAV SM SM SM SM SM SM BW BAAV BAAV BAAV BAAV BAAV BAAV BAAV B	12 21 49 10 16 7 8 40 14 12 14 49 14 8 31 46 6	Box elder Black Willow Black Willow Black Willow Black Maple Black Maple Box elder Black Willow	Salis regra Acer saccharham Acer regardo Julgiane regra Salis regra Acer regardo Acer regardo Acer regardo Acer regardo	Geed Good Good Fair Poor Geed Fair Very-Poor Fair Poor Fair Poor Fair Poor Fair Fair Fair Fair Fair Poor Fair	*2	IMMASVE	R S S S S R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACI
1277 1278 1279 1280 1281 1282 1283 1284 1285 1285 1288 1289 1289 1290 1291 1292 1292 1292 1293 1294 1296 1297 1298 1298 1299 1298	BX BANV SM SM SM SM SM SM BX BANV BANV BANV BANV BANV BANV BANV BANV	12 21 49 10 16 7 8 40 14 12 14 49 14 8 31 46 6 13	Box elder Black Willow Silver Mapile Silver Mapile Silver Mapile Silver Mapile Box elder Black Willow Black Willow Black Willow Black Willow Box elder Black Willow	Salls regin Aper saccharemun Salls regin Salls regin Salls regin Salls regin Salls regin Salls regin Aper saccharemun Aper saccharemun Aper saccharemun Salls regin Salls regin Aper saccharemun	Geed Good Good Fair Poor Geed Fair Poor Fair Fair Poor	*2	IMMASVE	R S S S R R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACE
1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1286 1289 1289 1289 1289 1299 1299 1299 1299	BX BANV SM SM SM SM SM SM BX BANV BANV BANV BANV BANV BANV BANV BANV	12 21 49 10 16 7 8 40 14 12 14 49 14 8 31 46 6	Box elder Black Willow Black Willow Black Willow Black Maple Black Maple Box elder Black Willow	Salis-regia Acer sacchierhum Acer regiand Acer regiand Salis-regia Salis-regia Salis-regia Acer regiando Salis-regia Salis-regia Acer regiando Salis-regia Salis-regia Acer regiando Salis-regia	Geed Good Good Fair Poor Geed Fair Very-Poor Fair Poor Fair Poor Fair Poor Fair Fair Fair Fair Fair Poor Fair	*2	IMMASVE	R S S S S R R R R R R R R R R R R R R R	* * * * * * * * * * * * * * * * * * *	REPLACE





CLIENT

TABLEAU BY MONDRIAN 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315

PROJECT TITLE HOMESTEAD 3364 LIVERNOIS ROAD TROY, MICHIGAN

ORIGINAL ISSUE DATE:
APRIL 18, 2022

DRAWING TITLE

TREE

PRESERVATION

LIST

PEA JOB NO.	2021-0451
P.M.	JBT
DN.	TMK
DES.	TMK
DRAWING NUMBER:	

1301	BWW	40 11	Black-Willow Black-Willow	Salix-nigra Salix-nigra	Poor Poor		INVASIVE INVASIVE	R R	*	-
1303	BAAV	16	Black Willow	Salix nigra	Poor		MARNE	R	* ×	-:-
1304	8x	6	Box eider	Acer-negundo	Fair		INVASIVE	R	¥	
1305	BX	8	Box eider	Acer negundo	Poor		INVASIVE	R	¥	-
1306	SM	10	Silver-Maple	Ager-saccharinum	Fak		INVASIVE	R	¥	
1307	SM.	18	Silver Maple	Ager-saccharinum	Good		INVASIVE	R	¥	
4308 4309	SM	45 43	Silver-Mapre Black-Willow	Acer-saccharinum Salk-nigra	Fair		INVASIVE INVASIVE	R	¥	-
1310	BANA	14	Black-Willow	Salk-rigra	Fair		INVASIVE	R	¥	
1311	BAAV	12	Black Willow	Salix-riigra	Poor		INVASVE	R	¥	
1312	SM	47	Silver-Maple	Aper-saccharinum	Good		INVASIVE	R	¥	-
4343	BWW	45	Black-Willow	Salix-nigra	Poor		INVASIVE	R	¥	-
1314	SM	12	Silver-Maple	Acer-saccharinum	Fair		INVASIVE	R	¥	
1315	SM	9	Silver-Maple	Acer-saccharinum	Very Poor		INVASIVE	R	¥	
1316 1317	E BW	42	American-Em Black-Walnut	Umus americana	Poor Good		INVASIVE WOODLAND	R	¥	
1318	GA	9	Green Ash	Augians-nigra Fraxinus pennsylvanica	Poor		INVASIVE	8	Y	REPLACE
1319	MW	9	White Mulberry	Morus alba	Fair		INVASIVE	R	¥	
1320	ε	12	American-Elm	Umus-americana	Fair		INVASIVE	R	¥	-
1321	BW	42	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
1322	Ε	7	American Em	Umus americana	Fair		INVASIVE	R	¥	
1323	Ε	12	American Em	Umus-americana	Good		INVASIVE	R	¥	
1324 1325	BW	41 42	Black Walnut	Jugians-nigra Acer-negundo	Good		WOODLAND	R	¥	REPLACE
1326	BX	7.	Box-eider Box-eider	Acer negundo	Fair		INVASIVE	R	¥	
1327	BX	12	Box-eider	Acer negundo	Poor		INVASIVE	R	¥	
1328	BK	10	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	
1329	SM	9	Silver-Maple	Acer-saccharinum	Very Poor	dead	INVASIVE	R	¥	-
1330	BW	12	Black Walnut	Jugians-nigra	Good		WOODLAND	R	Y	REPLACE
1331	BW	12	Black Walnut Black Willow	Jugians-nigra	Good		WOODLAND	R R	¥	REPLACE
4332 4333	BWW	10	Black-Willow Box-eider	Salix-nigra	Poor		INVASIVE INVASIVE	R	¥	
4333	BK BK	9	Black Walnut	Acer-negundo Augians-nigra	Good		WOODLAND	R	¥.	REPLACE
1335	BW	16	Black Walnut	Jugians-nigra	Fair		WOODLAND	R	¥	REPLACE
1336	BX	13	Box-eider	Acer-negundo	Fair		INVASIVE	R	¥	
4337	BX	40	Box-eider	Acer-negundo	Poor		INVASIVE	R	¥	-
1338	BX	12	Box-elder	Acer negundo	Fair	×t	INVASIVE	R	¥	- 1
1339	BX	12	Black Walnut	Acer negundo	Very Poor		INVASIVE	R	¥	
1340	SM	6 11	Silver Maple	Augians-nigra Acer saccharinum	Fair		WOODLAND INVASIVE	R S	¥	REPLACE
1341	SM	11	Silver Maple Silver Maple	Ager saccharinum Ager saccharinum	Good		INVASIVE INVASIVE	8	Y	
1343	BX	12	Box elder	Acer negundo	Very Poor		INVASIVE	8	Ÿ	
1344	8M	12	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1345	SM	7	Silver Maple	Acer saccharinum	Good		INVASIVE	s	Y	-
1345	Œ	19	Siberian-Bm	Umus-pumia	Fair		INVASIVE	R	¥	-
1347	BX BX	16	Box elder	Acer negundo	Fair		INVASIVE INVASIVE	8	Y	
1348	BX SM	14	Box elder Silver Maple	Acer negundo Acer saccharinum	Fair		INVASIVE INVASIVE	8	Y	-
1350	BX BX	7	Box elder	Acer negundo	Fair		INVASIVE INVASIVE	s	Y	
1351	BWW	14	Black Willow	Salik nigra	Poor	×1	INVASIVE	R	¥	
1352	BAW	18	Black-Willow	Salik-nigra	Poor		INVASIVE	R	¥	
1353	8X	45	Box eider	Acer negundo	Very-Poor		INVASIVE	R	¥	
4354	BWW	45	Black-Willow	Salix-rrigra	Fair	×4	INVASIVE	R	¥	-
1355	BX	11	Box-elder	Acer negundo	Fair	x1	INVASIVE	R	¥	
1356 1357	BWW	24 6	Black-Walnut	Salix-nigra	Poor Good		INVASIVE WOODLAND	R R	¥	REPLACE
4358	BX	9	Box-eider	Augians-nigra Acer-negundo	Poor		INVASIVE	R	Y.	REPLACE
1359	BW	9	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
1380	BAW	18	Black-Willow	Salix-nigra	Fair	×1	INVASIVE	R	¥	
1381	BAW	10	Stack-Willow	Salix-riigra	Poor		INVASIVE	R	¥	
4362	BWW	42	Black-Willow	Salix-nigra	Poor	×4	INVASVE	R	¥	-
1363	BX	6	Box-elder	Acer negundo	Poor		INVASIVE	R	Y	
1384	BWW	6 15	Black Walnut Black Willow	Jugians-nigra	Good	*1	WOODLAND	R	¥	REPLACE
4385 4386	BWW	46 44	Black-Willow Box elder	Salix-riigra Acer-negundo	Poor	×1	INVASIVE INVASIVE	R	¥	+
1367	GA.	6	Green-Ash	Fraxinus pennsylvanica	Fair		INVASIVE	R	¥	
1368	BX	22	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	
1389	GA	6	Green-Ash	Fraxinus pennsylvanica	Poor		INVASIVE	R	¥	-
4370	BW	44	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
1371	BW	10	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
1372 1373	BWW	18	Black Willow Black Walnut	Salik-nigra Jugians-nigra	Poor Good		INVASIVE WOODLAND	R R	¥	REPLACE
1374	BW	44	Black Walnut	Jugians-nigra	Poor		WOODLAND	R	¥	- LIFE
1375	BX	47	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	
1376	BK	15	Box elder	Acer negundo	Poor		INVASIVE	8	Y	-
1377	BX	11	Box elder	Acer negundo	Fair		INVASIVE	8	Y	
4378	BX	44	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	- 1
1379	BWW	9 21	Black Walnut Black Willow	Augians-nigra Salix-nigra	Good		WOODLAND	R R	¥	REPLACE
1380	BWW	21 11	Black Willow Black Walnut	Salix-nigra Jugians-nigra	Very Poor		WOODLAND	R	¥	
1381	BWW	43	Black-Willow	Salix-nigra	Poor		INVASIVE	R	¥	
1383	BX	7	Box-eider	Acer negundo	Poor		INVASIVE	R	¥	-
1384	844	12	Black Walnut	Jugians-nigra	Poor		WOODLAND	R	¥	
1385	BX	7	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	-
1386	BW	40	Black Walnut	Jugians-nigra	Fair		WOODLAND	R	¥	REPLACE
1387	BW	7	Black Walnut	Jugians-nigra	Fair		WOODLAND	R	¥.	REPLACE
1388	BW	9	Black Walnut Black Willow	Jugians-nigra Salix-nigra	Fair Poor		WCCDLAND	R R	¥	REPLACE
1380	BX	9	Box-eider	Acer negundo	Fair		INVASIVE	R	¥	
1381	BX	10	Box-eider	Acer negundo	Poor		INVASIVE	R	¥	-
1392	BWW	47	Black Willow	Salix-nigra	Fair		INVASIVE	R	¥	
1393	ε	11	American Elm	Umus americana	Fair		INVASIVE	R	¥	
1394	BX	9	Box elder	Acer negundo	Fair		INVASIVE	s	Y	- 1
1395	BX	15	Box elder Box elder	Acer negundo	Fair Fair		INVASIVE INVASIVE	8	Y	-
1395	E E	13	Box elder American Elm	Acer negundo Umus americana	Fair Very-Poor	×S	INVASIVE INVASIVE	S R	¥	
1398	BX	7	Box eider	Acer negundo	Fair		INVASIVE	R	¥	
1300	BWW	9	Black-Willow	Salix nigra	Poor		INVASIVE	R	¥	
1400	BWW	10	Black Willow	Salik-nigra	Poor	×1	INVASIVE	R	¥	

Medical Content Medical Co											
March Sept	1401	BWW	43	Black-Willow-	Salix-nigra	Fair		INVASIVE	R	¥	-
March Marc	4400				Cally store					v	
March Marc					oak-nya					-	-
Method Montage September September							×1				-
1906 B. Boue elege					Acer-negundo			INVASIVE		¥	-
1500 1500	1405	BWW	43	Black-Willow-		Poor		INVASIVE	R	¥	-
March Marc	1405	DV	- 6	Dov elder		Eak		BAVA GAVE	D	v	
March Marc											_
1906 S. 17											-
March March Format	1408	BW	7	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
March March Format	1409	SM	13	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	-
March Marc	1440										
March Marc	1410							INVAOVE			-
March Marc										¥	REPLACE
Math	1412	BX	7	Box-eider	Acer-negundo	Poor		INVASIVE	R	¥	-
Math	1443	BEAAA	40	Black Miles	Salv.ninra	Date		BAVA SAVE	D	×	
March Marc					aaw mgra					-	
March Marc											
March Marc	1415	BAW	47	Black-Willow-	Salix-nigra	Fair		INVASIVE	R	¥	
March Marc	1416	RX	8	Box-eider		Fair		BALASME	- R	×	
Management Man											
March Sept					Salx-rigra						-
1906 1906	1418	BAW	15	Black-Willow-	Salix-riigra	Fak		INVASIVE	R	¥	
150 150	1419	BWW	15	Stack Willow	Salik-nigra	Fair		INVASIVE	R	¥	-
150 150											
1422 B.D. B.D. Bot effect											-
1.500 1.50		BX	10	Box elder	Acer negundo	Fair			5	Y	
1.500 1.50	1422	BX	6	Box elder	Acer negundo	Fair		INVASIVE	8	Y	
1545 156	1423	RW	13	Rinck Wintout	Audians nigra	Good		WOODLAND	R	×	BEB ACE
1500 150					Annual Control						
1.50 1.50					Acer negundo		×1				-
1407 1507 1509	1425			Box elder	Acer negundo					N	-
1427 156	1425	BX	15	Box elder	Acer negundo	Fair		INVASIVE	8	Y	
1409 100	1427	014				Enk		BALA GAZE		~	
1906 1906 7											
1906 1906					Jugrans nigra					Y	
Section Sect	1429	BX	7	Box elder	Acer negundo	Poor		INVASIVE		Y	
Section Sect	1430	SM	8	Silver Mapin	Ager saccharinum	Fair		INVASIVE	8	Y	
Section Parameter Parame											_
Section Page Page										-	
State Part		GA				Fair				Y	
State Part	1433	GA	6	Green Ash	Fraxinus pennsylvanica	Good			s	Y	
1.50 E. P. Decision										v	
Section Sect	1404							-wnowE			<u> </u>
1-20 1-20			- 6	Box elder		Very Poor				Y	
1427 CT 15	1438	SM	7	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1985 17	1437		15							V	
1906 190							-				
Section Proceedings											
Method 1					Ager saccharinum	Good		INVASIVE		Y	
Method 1	1440	BW	7	Riank Walnut	-kurians ninna	Good		WOODLAND	8	v	
March Marc											000 100
Section Sect										-	REPLACE
Section Sect	1442	SM	11	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
Section Sect	1443	BW	15	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
March Marc											
March Marc										- 1	-
March Marc								INVASIVE		Y	-
1400 1500	1445	E	19	American Elm	Ulmus americana	Very Poor	dead	INVASIVE	8	Y	-
Section Proceedings	1447	584	14	Silver Manie	Aper saccharinum		v1	INVASIVE	8	Y	
Section Sect											
Mathematics				DOX GIGGS						,	
March Marc				Silver Maple							
Mathematics	1450	BW	8	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
March Marc	1451	TN	7	Thorogonala/Maw thorog	Crananaus son	Enk		WOODLAND	D	v	DED ACE
											TODOLOG
Section Part											-
1505 150	4453	SM	7	Silver-Maple	Aper-sacoharinum	Good		INVASIVE	R	¥	-
1505 150	1454	GA	9	Green-Ash	Fraxinus pennsylvanica	Good		INVASIVE	R	¥	-
Sept. Sept	1455	DW	15	Direct Walnut	Audiana nigra	Eak		WOODLAND		v	
Memory M											
Sept. Sept			13							¥	
SEASON Color Col	1457	8W	12	Black Walnut	Jugians-nigra	Fair		WOODLAND	R	¥	REPLACE
Sept.	1458	BW	- 6	Black Walnut	Audians-nigra	Fair		WOODLAND	R	¥.	REPLACE
Memory March Mar					Province a session disease.					v	
Memory March Mar											
Memory M											
March Marc	1461	BW	12	Black Walnut	Jugians-nigra	Good		WOODLAND	R	¥	REPLACE
Medical Content Medical Co	1462	BW		Black Walnut		Fair		WOODLAND	R	¥	REPLACE
March Marc					cogano rigita						
March Marc										*	MEMAGE
Section Sect	1484	SM	12	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	-
Section Sect	1485	N.S	18	Silver Maple	Ager saccharinum	Good	×1	INVASIVE	8	Y	
March Marc											
1988 12 American Em Universementary Far 1994-2015 5 V V V V V V V V							-				
1400 150 7 Short Maps Anne sencherum Feet 150											
1400 150 7 Short Maps Anne sencherum Feet 150			12		Ulmus americana	Fair	1				
150 150	1489	SM	7	Silver Maple	Aper saccharinum	Fair		INVASIVE	8	N	
1471 288 10 Sher Higher Anne seccherum Good NAADVE 5 Y 1 1 1 1 1 1 1 1 1			21		A new consultation						
1472 586 23 Sheer Higher Anne searcherum Cool										- 7	<u> </u>
1477 257 25				Silver Maple						Y	
1477 257 25	1472	SM	13	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1546 E. 13	1479	SM		Silver Maple				INVASNE	8	Y	
1477 158 10 Short Mape Acet acceleration Fac 140,000 150,000											
150 150								1537 A 1537 FT			<u> </u>
1477 584 10 Store Higher Aces accolare units Cool SAADVE 5 V V V V V V V V V	1474										
1577 356 19 Short Mapps	1474 1475	SM	10	Silver Maple				INVASIVE	8	Y	
1577 356 19 Short Mapps	1474 1475	SM	10	Silver Maple				INVASIVE	8	Y	-
	1474 1475 1476	SM	10	Silver Maple Silver Maple	Ager saccharinum	Good		INVASIVE INVASIVE	8	Y	
1400 1400 22 Store Margin Anne socionarium Good EAASUE 8 V 1	1474 1475 1476 1477	SM SM SM	10 12 10	Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum	Good		INVASIVE INVASIVE INVASIVE	8 8 8	Y Y Y	
1490 280 22 Shee Mage Aces accolarum Good 19AASUE 8 Y -	1474 1475 1476 1477 1478	SM SM SM	10 12 10 19	Silver Maple Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum	Good Good Good		INVASIVE INVASIVE INVASIVE INVASIVE	8 8 8	Y Y Y	
1481 E 0	1474 1475 1476 1477 1478	SM SM SM SM	10 12 10 19	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum	Good Good Good Good		INVASIVE INVASIVE INVASIVE INVASIVE	8 8 8 8	Y Y Y	
Mode	1474 1475 1476 1477 1478 1479	SM SM SM SM SM SM	10 12 10 19 19	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum	Good Good Good Good Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 \$ \$	Y Y Y Y	-
1403 28 12 Store Higher Anne secchemon Good MAASWE 5 V - 1	1474 1475 1476 1477 1478 1479	SM SM SM SM SM SM	10 12 10 19 19	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum	Good Good Good Good Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 \$ \$	Y Y Y Y	-
See See	1474 1475 1476 1477 1478 1479 1480	SM SM SM SM SM SM SM	10 12 10 19 19 22 6	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple American Elm	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Umus americana	Good Good Good Good Good Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8	Y Y Y Y	
1406 20	1474 1475 1476 1477 1478 1479 1480 1481 1482	SM SM SM SM SM SM SM SM	10 12 10 19 19 22 6	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple American Em Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Umus americana Acer saccharinum	Good Good Good Good Good Fair Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8	Y Y Y Y	-
1455 GA	1474 1475 1476 1477 1478 1479 1480 1481 1482	SM SM SM SM SM SM E SM E	10 12 10 19 19 22 6 15	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple American Em Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Umus americana Acer saccharinum Acer saccharinum	Good Good Good Good Good Fair Good Good		IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
	1474 1475 1476 1477 1478 1479 1480 1481 1482	SM SM SM SM SM SM E SM E	10 12 10 19 19 22 6 15	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple American Em Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Umus americana Acer saccharinum Acer saccharinum	Good Good Good Good Good Fair Good Good		IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE IMASIVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1877 1878 12 Sher Mage Anne seccherum Good SAADME 5 V -	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483	SM SM SM SM SM SM SM SM SM	10 12 10 19 19 22 6 15 12	Silver Maple American Em Silver Maple Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Ulmus americana Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum	Good Good Good Good Fair Good Good Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1480 161 162 164 164 165 164 165	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485	SM SM SM SM SM SM E SM SM SM SM	10 12 10 19 19 22 6 15 12	Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple American Em Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Creen Ash	Acer saccharinum Fraxinus pennsylvarica	Good Good Good Good Fair Good Good Good Fair		INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1480 158	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1483 1485 1495	SM SM SM SM SM SM SM SM SM SM SM SM	10 12 10 19 19 22 6 15 12 11 6	Silver Maple	Acer saccharinum	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y Y Y Y Y N Y Y Y Y Y Y Y Y Y Y	-
1490 584 15 Store Magin Acer sectorerum Good \$AAADVE 8 V - V	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1483 1485 1495	SM SM SM SM SM SM SM SM SM SM SM SM	10 12 10 19 19 22 6 15 12 11 6	Silver Maple	Acer saccharinum	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE INVASVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y Y Y Y Y N Y Y Y Y Y Y Y Y Y Y	-
	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486	SM SM SM SM SM E SM SM SM SM SM SM SM	10 12 10 19 19 22 6 15 12 11 6 12	Silver Maple American Elm Silver Maple American Elm Silver Maple Creen Ash Silver Maple Creen Ash Silver Maple Silver Maple Silver Maple Silver Maple	Acer saccharinum Frasinus pernaylvarica Acer saccharinum Acer saccharinum	Good Good Good Good Good Good Good Good		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y Y Y N Y Y Y Y Y Y Y Y Y Y	
1401 582 24 Store Major Anne sectimentum Good BAASIVE 5 Y - 1	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488	SM SM SM SM SM E SM SM SM SM SM SM SM SM	10 12 10 19 19 22 6 15 12 11 8 12 12	Silver Mapie	Acer saccharinum Frasinus pennsylvarica Acer saccharinum Acer saccharinum Acer saccharinum	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	-
1452 E 31	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1485 1487 1488 1489	SM SM SM SM SM SM SM SM SM SM SM SM SM S	10 12 10 19 19 22 8 15 12 11 6 12 12 12 14	Giver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple Silver Maple American Em Silver Maple	Acer saccharisum Acer saccharisum Acer saccharisum Acer saccharisum Acer saccharisum Umus americana Acer saccharisum	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	6 8 8 5 5 6 8 8 6 5 6 6 8 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1452 E 31	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1485 1487 1488 1489 1490	SM SM SM SM SM SM SM SM SM SM SM SM SM S	10 12 10 19 19 22 8 15 12 11 8 12 12 14 15 17	Giver Mapie Silver Mapie Silver Mapie Silver Mapie Silver Mapie Silver Mapie Silver Mapie American Em Silver Mapie	Acer saccharisum	Good Good Good Good Good Good Good Good		INVASIVE	6 8 8 5 6 6 8 8 5 6 6 8 8 5 5 6 6 8 8 5 5 6 6 8 8 5 5 6 6 6 8 8 5 5 6 6 6 8 5 5 6 6 6 8 5 5 6 6 6 8 5 5 5 6 6 6 8 5 5 5 5	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1403 250 10 Short fage Ann seachersrun Coold \$1,40,500E 5 V - V	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1485 1487 1488 1489 1490 1491	SM SM SM SM SM SM SM SM SM SM SM SM SM S	10 12 10 19 19 22 8 15 12 11 6 12 12 12 14 15 17	Giver Mapie Silver Mapie Silver Mapie Silver Mapie Silver Mapie Silver Mapie Silver Mapie American Em Silver Mapie	Acer saccharisum	Good Good Good Good Good Good Good Good		INVASIVE INVASIVE	6 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1464 GA 7 Green Ah Franca persystemal Far SNADME 5 Y - 1	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1485 1487 1488 1489 1490 1491	SM SM SM SM SM SM E SM SM SM SM SM SM SM SM SM SM SM SM SM	10 12 10 19 19 22 8 15 12 11 6 12 12 12 14 15 17	Gilver Mapte	Acer saccharhum Acer saccharhum Acer saccharhum Acer saccharhum Acer saccharhum Ulfrus americana Acer saccharhum Ulfrus americana Acer saccharhum	Good Good Good Good Good Good Good Good		INVASIVE INVASIVE	6 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1465 CA 5 Green Anh Francis pereys/moral Far \$ANASMYE S Y	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1485 1487 1488 1489 1490 1491 1492	SM SM SM SM SM SM SM SM SM SM SM SM SM S	10 12 10 19 19 22 8 15 12 11 6 12 12 14 15 17 24	Giver Mapie	Acer sacchairum Acer sacchairu	Good Good Good Good Good Good Good Good		INVASIVE	6 6 8 8 5 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1495 Col. 7 Oreen AN Fiziones persylvanica Fair NNADIVE S Y	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1485 1487 1488 1499 1490 1491 1492 1493	SM S	10 12 10 19 19 22 8 15 12 11 6 12 12 14 15 17 24 13	Silver Mapie	Acer sochairum	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASIVE	6 6 6 8 8 8 8 6 6 6 8 8 8 8 8 8 8 8 8 8	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1495 Col. 7 Oreen AN Fiziones persylvanica Fair NNADIVE S Y	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1490 1491 1492 1493	SM S	10 12 10 19 19 22 6 15 12 11 6 12 12 14 15 17 24 13 10 7	Gilver Magne Silver Magne	Acer sacchairum Acer sacchairu	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASIVE INVA	6 6 6 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1407 8W 12 Block-Vollinut Julgians riigira Good WOCCOLAND R Y REFLACE REFL	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1490 1491 1492 1493	SM S	10 12 10 19 19 22 6 15 12 11 6 12 12 14 15 17 24 13 10 7	Gilver Magne Silver Magne	Acer sacchairum Acer sacchairu	Good Good Good Good Fair Good Good Good Good Good Good Good Goo		INVASIVE INVA	6 6 6 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
1408 BW 8 Black Walnut Juglans nigra Good WCCQLAND S Y - 1499 SM 10 Silver Maple Acer saccharinum Fair INVASIVE S Y -	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1490 1490 1491 1492 1493 1494 1494 1494	SM S	10 12 10 19 19 22 6 15 12 11 6 12 12 14 15 17 24 13 10 7	Gilver Mapie Green Ash	Acer soccharium Umus americana Acer soccharium Trazinia pennsylvenica	Good Good Good Good Good Good Good Good		INVASIVE	6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y Y Y N N Y Y Y Y Y Y Y Y Y Y Y Y Y	
1499 SM 10 Silver-Maple Ager-saccharinum Fair INVASIVE S Y -	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1489 1490 1491 1492 1493 1494 1493 1494 1493 1494 1495 1495	SM SM SM SM SM SM SM SM SM SM SM SM SM S	10 12 10 19 19 22 6 15 12 11 6 12 11 12 12 14 15 17 7	Giver Mapie Silver Mapie	Acer sacchairum Acer sacchairu	Good Good Good Good Good Good Good Good		INVASIVE	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	-
	1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1489 1490 1491 1492 1493 1494 1493 1494 1495 1495 1496 1497	SM S	10 12 10 19 19 22 6 15 12 11 6 12 11 14 15 17 24 13 10 7	Gilver Magne Green Ash Green Ash Green Ash Green Ash Green Ash	Аог восолитист Трассии регозуманов Трассии регозиманов Трассии регози Трассии регозиманов Тр	Good Good Good Good Good Good Good Good		INVASIVE	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
	1474 1475 1476 1477 1476 1479 1480 1481 1482 1483 1484 1485 1489 1490 1490 1491 1492 1493 1494 1493 1494 1495 1494 1495 1498 1498	SM S	10 12 10 19 19 22 6 15 12 11 6 12 12 14 15 17 24 13 10 7 7 7	Shore Magin Shore	Acer sechenrum Aere s	Good Good Good Good Good Good Good Good		INVASIVE	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
	1474 1475 1476 1477 1476 1479 1480 1481 1482 1483 1484 1485 1489 1490 1490 1491 1492 1493 1494 1493 1494 1495 1494 1495 1498 1498	SM S	10 12 10 19 19 22 6 15 12 11 6 12 12 14 15 17 24 13 10 7 7 7	Shore Magin Shore	Acer sechenrum Aere s	Good Good Good Good Good Good Good Good		INVASIVE	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
	1474 1475 1476 1477 1476 1479 1480 1481 1482 1483 1484 1485 1489 1490 1491 1492 1493 1494 1494 1495 1494 1495 1498 1498 1498 1498 1498 1498 1498 1498	SM S	10 12 10 19 19 22 6 15 12 11 16 12 12 14 15 17 24 13 10 7 7 7 7 12 8 8	Shore Magin Shore	Aper sapocharium Aper s	Good Good Good Good Good Good Good Good		INVASIVE	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	

1502 1503							INVASIVE.			
	SM	9 7	Silver Maple Black Walnut	Ager saccharinum	Good		WOOD AND	8	Y	
				Juglans nigra						
1504	GA	7	Green Ash	Fraxinus pennsylvanica	Poor		INVASIVE	s	Y	-
1505	GA	6	Green Ash	Fraxinus pennsylvanica	Good		INVASIVE	s	Y	-
1506	SM	9	Silver Maple	Ager saccharinum	Good		INVASIVE.	8	Y	
1507	E	8	American Elm	Umus americana	Fair		INVASIVE	8	Y	-
1508	SM	13	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	-
1509	E	8	American Elm	Umus americana	Good		INVASIVE	8	Y	-
	SM	12	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1511	Ε	8	American Elm	Umus americana	Fair		INVASIVE.	8	Y	-
1512	SM	19	Silver Maple	Acer saccharinum	Good		INVASIVE	8	v	
1513	E	9	American Elm		Good		INVASIVE	s	Y	-
1010	E	6	American Em	Umus americana Umus americana	Fair		INVASIVE	8	Y	<u> </u>
1514										
1515	SM	12	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1516	ε	10	American Em	Umus americana	Fair		INVASIVE	8	Y	-
1517	SM	17	Silver Maple	Ager saccharinum	Good		INVASVE	s	Y	-
1518	SM	7	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1519	SM	11	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	-
1520	SM	6	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	-
1521	SM	6	Silver Maple	Ager saccharinum	Good		INVASIVE	s	Y	
1522	SM	13	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1523	SM	13	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1524	SM	7	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1525	SM	12	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Ÿ	_
1325	SM						INVASIVE		Y	-
1526		9	Silver Maple	Ager saccharinum	Good			8	Y	
1527	8M	9	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1528	SM.	10	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1529	SM	12	Silver Maple	Ager saccharinum	Good		INVASVE	s	Y	
1530	SM	7	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1531	SM	17	Silver Maple	Ager saccharinum	Good		INVASIVE.	8	Y	
1532	Ε	10	American Elm	Umus americana	Fair		INVASIVE	8	Y	-
1533	ε.	10	American Elm	Umus americana	Poor		INVASIVE	5	Y	
1534	SM	16	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1535	SM	23	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1690	E	12	American Em	Umus americana	Fair		INVASIVE	8	Y	<u> </u>
1536	E	6	American Em	Umus americana Umus americana	Good	-	INVASIVE INVASIVE	8	Y	<u> </u>
1537										
1538	SM	12	Silver Maple	Ager saccharinum	Good		INVASIVE.	8	Y	
1539	SM	10	Silver Maple	Ager saccharinum	Good	×2	INVASIVE	8	Y	
	SM	12	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	-
1541	SM	8	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	-
	SM	7	Silver Maple	Ager saccharinum	Good		INVASIVE	s	Y	-
1543	BW	8	Black Walnut	Jugians nigra	Good		WOODLAND	8	Y	
1544	GA	8	Green Ash	Fraxinus pennsylvanica	Fair		INVASIVE	8	Y	
1545	F	8	American Elm	Umus americana	Fair		INVARINE	8	v	
1545	SM	15	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1547	844	8	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	_
1548	SM	20	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	-
1549	SM	13			Good		INVASIVE	8	Y	
			Silver Maple	Acer saccharinum						
1550	SM	8	Silver Maple	Ager saccharinum	Good		INVASIVE	s	Y	
1551	SM	21	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1552	SM	9	Silver Maple	Ager saccharinum	Good		INVASIVE.	8	Y	-
1553	ε	6	American Em	Umus americana	Good		INVASIVE	8	Y	-
1554	SM	9	Silver Maple	Ager saccharinum	Fair		INVASIVE	s	Y	-
	Ε	8	American Elm	Ulmus americana	Good		INVASIVE.	8	Y	
	E SM	13		Umus americana Acer saccharinum	Good	×1		8	Y	-
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CLIENT

TABLEAU BY MONDRIAN 50215 SCHOENHERR SHELBY TOWNSHIP, MI 48315

HOMESTEAD

ORIGINAL ISSUE DATE:
APPIL 18, 2022

DRAWING TITLE

TREE

PRESERVATION

LIST

PEA JOB NO.	2021-0451
P.M.	JBT
DN.	TMK
DES.	TMK
DRAWING NUMBER	₹:



1601										
	SM	12	Silver Maple	Acer saccharinum	Good		IN/ASI/E	s	Y	
	SM	11	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1603	SM	10	Silver Maple	Ager saccharinum	Good	×1	INVASIVE	8	Y	
1604	SM	11	Silver Maple	Ager saccharinum	Good		INVASIVE	s	Y	<u> </u>
1605	SM	11	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	.
1606	SM	13	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	-
1607	SM	8	Silver Maple	Ager saccharinum	Fair		INVASIVE	8	v	-
1608	SM	12	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	-
									Y	<u> </u>
1609	SM	16	Silver Maple	Acer saccharinum	Good		INVASIVE	5	Y	
1610	SM	13	Silver Maple	Ager saccharinum	Good		INVASIVE	8	Y	
1611	SM	8	Silver Maple	Acer saccharinum	Fair		INVASIVE	8	Y	
1612	SM	15	Silver Maple	Acer saccharinum	Good		INVASIVE	8	Y	
1613	BWW	18	Black Willow	Salix nigra	Fair		INVASIVE	s	Y	
1614	BWW	24	Black Willow	Salix nigra	Fair		INVASIVE	8	Y	
1615	BX	12	Box elder	Acer negundo	Very Poor		INVASIVE	8	Y	
1616	BX	12	Box elder	Acer negundo	Poor		INVASIVE	s	Y	
1617	BX	16	Box elder	Acer negundo	Poor		INVASIVE	s	Y	
1618	Ε	6	American Em	Umus americana	Fair		INVASIVE	8	Y	_
1619	E	10	American Em	Ulmus americana	Fair		INVASIVE	8	Y	+-
1620	E	8			Fair		INVASIVE	8	1	-
1621		7	American Em American Em	Umus americana	Fair			s	Y	-
				Umus americana			INVASIVE	9		-
1622	Ε	8	American Em	Umus americana	Fair		INVASIVE	8	Y	
1623	Ε	16	American Bm	Umus americana	Fair		INVASIVE	8	Y	
1624	BWW	18	Black Willow	Salix nigra	Fair		INVASIVE	8	Y	
1625	BX	15	Box elder	Acer negundo	Very Poor		INVASIVE	5	Y	
1626	BX	10	Box elder	Acer negundo	Fair		INVASIVE	8	Y	
1627	BX	16	Box elder	Acer negundo	Poor		INVASIVE	8	Y	
1628	BWW	46	Black-Willow	Salix-nigra	Fair		INVASIVE	R	¥	
1629	BX	45	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	Η.
1630	BX	11	Box elder	Acer negundo	Fair		INVASIVE	8	Y	<u> </u>
1631	BWW	12	Black Willow	Salix nigra	Fair		INVASIVE	8	Y	-
1631	BAW	28	Black Willow		Fair		INVASIVE	R	*	Η.
				Salix-nigra					*	H -
1633	BWW	21	Black Willow	Salix nigra	Poor		INVASIVE	s	Y	<u> </u>
1634	BWW	18	Black Willow	Salix nigra	Fair		INVASIVE	8	Υ	<u> </u>
1635	BWW	15	Black Willow	Salix nigra	Poor		INVASIVE.	8	Y	-
1636	BX	8	Box-elder	Acer-negundo	Fair		INVASIVE.	R	¥	
1637	SM	7	Silver Maple	Acer saccharinum	Fair		INVASIVE	5	Y	
1638	BWW	13	Black Willow	Salix nigra	Fair	×3	INVASIVE.	8	Y	1 -
1639	BAW	18	Black Willow	Salix nigra	Poor		INVASIVE	R	¥	
1640	BX	46	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	Η.
1641	8W	8	Black-Walnut	Jugians-nigra	Fair		WOODLAND	R	¥	REPL
1642	BX	10	Box elder	Acer negundo	Poor		INVASIVE	8	Y	ND-C
1643	BAW	34	Black-Willow		Poor		INVASIVE INVASIVE	R	*	<u> </u>
				Salix-nigra					×	-
1844	BWW	19	Black-Willow	Salix-nigra	Poor		INVASIVE	R		
1845	BX	8	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1646	BX	6	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1647	BX	10	Box elder	Acer negundo	Poor		INVASIVE	8	Y	
1648	BX	55	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	
1649	BX	48	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1650	BX	14	Box elder	Acer negundo	Poor		INVASIVE	5	Y	
1651	BX	7	Box elder	Acer negundo	Fair		INVASIVE	8	Y	
1652	SM	16	Silver Maple	Ager saccharinum	Good	x1	INVASIVE	8	Y	Η.
1653	BX	7	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	_
1654	BX	7	Box elder	Acer negundo	Fair		INVASIVE	5	-	-
1655	BX	15	Box elder	Acer negundo	Good		INVASIVE INVASIVE	8	· ·	-
	BX			Acer negundo			INVASIVE INVASIVE		Y	-
1656	BX	15 R	Box elder	Acer negundo	Fair		INVASIVE INVASIVE	8		-
			Box elder	Acer negundo	Very Poor				Y	
1658	BX	16	Box elder	Acer negundo	Fair		INVASIVE	5	Y	
1659	BX	14	Box elder	Acer negundo	Fair		INVASIVE	R	¥	
1660	BX	46	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	
1661	BX	42	Box-elder	Acer-negundo	Fair		INVASIVE	R	¥	
1662	BX	44	Box-elder	Acer-negundo	Poor		INVASIVE	R	¥	1 -
1663	BX	10	Box elder	Acer negundo	Fair		INVASIVE	8	Y	
1664	BX	12	Box elder	Acer negundo	Fair		INVASIVE	8	v	
1885	BX	19	Box elder	Acer negundo	Poor		INVASIVE	8		
1666	BWW	17	Black Willow	Rate siere	Fair				·	
		6		Salx nigra Umus pumla	1987				Y	-
	BE						INVASIVE	s	Y	Ŀ
1667			Siberian Em		Fair		INVASIVE INVASIVE	8	Y	i
1668	SM	6	Silver Maple	Ager saccharinum	Fair Fair		INVASIVE INVASIVE INVASIVE	S S 8	Y	
1668 1689	SM	7	Silver Maple Silver Maple	Acer saccharinum Acer saccharinum	Fair Fair Good		INVASIVE INVASIVE INVASIVE INVASIVE	8 8 8	Y	
1668 1689 1670	SM SM	7	Silver Maple Silver Maple Silver Maple	Acer saccharinum Acer saccharinum Acer saccharinum	Fair Fair Good Poor		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8	Y	
1668 1669 1670 4674	SM SM BX	7 7 27	Säver Maple Säver Maple Säver Maple Box elder	Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo	Fair Fair Good Poor Poor		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8	A A A	
1668 1669 1670 1671 1672	SM SM BX BX	7 7 27 14	Silver Maple Silver Maple Silver Maple Box elder Box elder	Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo Acer negundo	Fair Fair Good Poor Poor Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8	* * * * * * * * * * * * * * * * * * *	
1668 1669 1670 1671 1672 1673	SM SM BX BX	7 7 27 14 12	Silver Maple Silver Maple Silver Maple Box elder Box elder Box elder	Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo Acer-negundo Acer-negundo	Fair Fair Good Poor Poor Fair Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	
1668 1669 1670 1671 1672 1673	SM SM BX BX BX	7 7 27 14 42 44	Siver Maple Siver Maple Siver Maple Box elder Box elder Box elder Box elder	Acer saccharinum Acer saccharinum Acer saccharinum Acer secharinum Acer negundo Acer negundo Acer negundo Acer negundo Acer negundo	Fair Fair Good Poor Poor Fair Fair Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y	
1668 1669 1670 1671 1672 1673 1674	SM SM BX BX BX BX BX	7 7 27 14 12 44 22	Silver Maple Silver Maple Silver Maple Box elder Box elder Box elder Box elder Box elder Box elder	Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo Acer negundo Acer negundo Acer negundo Acer negundo Salk-nigro	Fair Fair Good Poor Poor Fair Fair Fair Fair Fair		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y X X X	
1668 1669 1670 1671 1672 1673	SM SM BX BX BX BX BAW BAW	7 7 27 14 42 44	Silver Maple Silver Maple Silver Maple Silver Maple Box elder Box elder Box elder Box elder Box elder Black Willow Black Willow	Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo Acer negundo Acer negundo Acer negundo Acer negundo Salk-nigro	Fair Fair Good Poor Poor Fair Fair Fair Fair Fair Fair Fair Fai		INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Y Y Y	
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1668 1669 1670 1671 1672 1673 4674 1675 1676	SM SM BX BX BX BX BX BAW BAW BAW	7 7 27 14 12 14 22 16 8	Silver Maple Silver Maple Silver Maple Box elder Box elder Box elder Box elder Black Willow Black Willow Black Willow Black Willow Box elder Box elder	Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer negundo Acer negundo Acer negundo Acer negundo Salik nigra Salik nigra Acer negundo Acer negundo Acer negundo Acer negundo Acer negundo Acer negundo	Fair Fair Good Poor Poor Fair Fair Fair Fair Fair Fair Fair Fai	ad ad	INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE INVASIVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y Y Y X X X X	
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1688 1689 1670 1674 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682	SM SM SX	7 7 27 144 12 146 8 42 20 13 15 19 6	Silver Maple Silver Maple Silver Maple Silver Maple Box elder	Acer saccharirum Acer saccharirum Acer saccharirum Acer saccharirum Acer egundo Salak nigro Acer saccharirum Salak nigro Acer saccharirum	Fair Fair Good Poor Poor Fair Fair Fair Fair Fair Fair Fair Fai	×4	INVASIVE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	* * * * * * * * * * * * *	
1688 1689 1670 1674 1674 1673 1674 1675 1676 1677 4678 1680 1681 1682 1683	SM SW SW SW SW SM SW	7 7 27 14 14 12 14 16 16 15 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	Silver Maple Silver Maple Silver Maple Silver Maple Box elder	Acer saccharirum Acer saccharirum Acer saccharirum Acer saccharirum Acer saccharirum Acer engundo Acer engundo Acer engundo Acer engundo Acer engundo Acer engundo Salk rigra Salk rigra Salk rigra Acer saccharirum Salk rigra Acer engundo	Fair Fair Good Poor Fair Fair Fair Fair Fair Fair Fair Fai	×t	INVASIVE	5 5 6 5 7 8 8 8 8 8 8 8 8	** ** ** ** ** ** ** ** ** **	
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1701	SC.	8	Scotch Pine	Pinus sylvestris	Poor		WOODLAND	8	Y	
4702	sc	42	Scotch-Pine	Pinus sylvestris	Fair		WOODLAND	R	¥	REPLACE
1703	SC SC	44	Scotch Pine	Pinus-sylvestris	Fair		WOODLAND	R	¥	REPLACE
1704	sc	44	Scotch-Pine	Pinus sylvestris	Fair		WOODLAND	R	¥	REPLACE
4705	sc	44	Scotch-Pine	Pinus-sylvestris	Fair		WOODLAND	R	¥	REPLACE
1706	sc	19	Scotch Rine	Pinus-sylvestris	Fair		LANDMARK	R	¥	REPLACE
4707	sc	44	Scotch-Pine	Pinus sylvestris	Fair	×1	WOODLAND	R	¥	REPLACE
1708	SC SC	40	Scotch Pine	Pinus-sylvestris	Fair		WOODLAND	R	¥	REPLACE
1709	DF	7	Douglas-Fir	Pseudotsuga menziesii	Good	×i	WOODLAND	R	¥	REPLACE

PEA GROUP 1:844.813.2949 www.peagroup.com

WOODLAND T	REES REMOVE	D: 47	(REPLAC	CE AT 50% OF REMOVED D	BH)
473	DBH x 0.5 =		237"	REPLACEMENT	
WOODLAND T	REES SAVED:	8	(CREDIT	OF 2X DBH)	
78"	DBH x 2 =		156"	CREDIT	
	236.5 -	156		80.5	

32 - 0 = 113" TOTAL DBH REQUIRED FOR REPLACEMENT



CLIENT

TABLEAU BY MONDRIAN 50215 SCHOENHERR SHELBY TOWNSHIP, MI 4831

PROJECT TITLE
HOMESTEAD
3384 LIVERNOIS ROAD

EVISIONS

ORIGINAL ISSUE DATE: APRIL 18, 2022

TREE
PRESERVATION
LIST

PEA JOB NO.	2021-0451
P.M.	JBT
DN.	TMK
DES.	TMK
DRAWING NUMBER	

memorandum



Date: June 15, 2022

To: Bill Huotari, PE

From: Sara Merrill, PE, PTOE

3364 Livernois Road – Homestead Tableau by Mondrian

Anticipated Traffic Impacts

The purpose of this memorandum is to provide an overview of anticipated traffic impacts resulting from Homestead, a proposed residential development consisting of 30 attached single-family homes spread across five buildings. The development is located on the east side of Livernois Road, north of Big Beaver Road and just south of Town Center Drive. Access to the development is proposed via a private road. In the immediate vicinity of the site, Livernois Road is a 5-lane roadway, with two through lanes in each direction and a two-way center turn lane.

The Institute of Transportation Engineers (ITE) Trip Generation Manual, 11th Edition, provides trip generation rates for numerous land uses, based on thousands of studies throughout the United States and Canada. This data can then be used to estimate the number of vehicle trips generated by a development. For residential housing, traffic impacts are usually most noticeable during the peak hour of adjacent street traffic – that is, during morning and evening "rush hour", when traffic on the roads is most congested. In most areas, the morning (AM) peak is a one hour period that occurs between 7 am – 9 am, and the evening (PM) peak is a one hour period usually between 4 pm – 6 pm.

The table below provides the calculated number of trips generated for the proposed development, based on the ITE Trip Generation Manual for Single-Family Attached Housing (ITE Land Use Code #215).

	Number of Site-Generated Trips									
Number of Dwelling Units	AM Peak Hour			PM Peak Hour			Daily			
	ln	Out	Total	In	Out	Total	ln	Out	Total	
30 Units	3	7	10	8	6	14	89	89	178	

During the morning (AM) peak hour, the proposed Homestead Tableau development is expected to generate 10 new trips: 3 inbound (entering the site), and 7 outbound (exiting the site). During the evening (PM) peak hour, the proposed site is expected to generate 14 new vehicle trips: 8 inbound (entering the site) trips, and 6 outbound (exiting the site). This pattern coincides with residents typically leaving in the morning for work and returning home in the evening.

The traffic generated by the proposed development is minimal, adding fewer than 20 vehicle trips during the peak ("busiest") hour. The traffic impact of this site on the adjacent road network is negligible and would be imperceptible to the majority of road users.

As a point of comparison, traffic counts taken in January 2022 on Livernois Road (between Big Beaver Road and Wattles Road) indicate this segment carries approximately 20,000 vehicles per day, and roughly 1,600 vehicles during the PM peak hour. Amongst typical weekdays, traffic volumes during the peak hours alone often vary by 10%+ from one day to the next. These day-to-day fluctuations result in peak hour traffic volumes that vary by hundreds of vehicles. The proposed subdivision is expected to generate only 14 vehicles during the peak hour.



MEMORANDUM

Date: July 20, 2022

To: Brent Savidant, Community Development Director

From: G. Scott Finlay, Deputy City Engineer

Cc: William Huotari, City Engineer

Benjamin Carlisle, AICP

Subject: Homestead – Preliminary Site Plan - Floodplain

In addition to local approval, developing property in a floodplain may require state and/or federal agency approvals depending on the size of the drainage area and what is being proposed in the floodplain. First the floodplain is accurately located on the property with a detailed topographic survey. The drainage shed area is determined and a detailed flood study is performed with the proposed changes to the floodplain. The proposed changes cannot cause the floodplain elevation upstream or downstream to change more than 0.10'. The amount of floodplain storage cannot decrease either, you can change where the floodplain storage is on the property by filling one area and cutting another.

The preliminary site plan for Homestead has provided the detailed topographic survey with the existing floodplain shown as well as the proposed locations for cutting and filing in the floodplain. This information along with the drainage shed area and detailed flood study will be reviewed during the detailed engineering review and any other agency approvals will need to be obtained prior to the proposed development obtaining final site plan approval.

Sincerely,

G. Scott Finlay

G. Scott Finlay, P.E.

From: Bela Shah
To: Planning

Subject: VOTE NO for Rezoning 3364 LIVERNOIS **Date:** Monday, July 25, 2022 1:20:20 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy City Planning Commission,

My name is Bela Shah, I live at 123 Millstone Drive, Troy, MI 48084.

I STRONGLY OPPOSE the rezoning the lands related to the Homestead Condominiums project (around 3364 Livernois).

This neighborhood was built as single-family residential area, and permitting a dense condominiums development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest.

Please NO to REZONING!

Thank you

Sincerely Bela Shah

123 Millstone Drive Troy, MI 48084 From: Don Miles
To: Planning

Subject: Homestead Condominium Project (around 3364 Livernois)

Date: Sunday, July 24, 2022 1:12:41 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

My name is Donald Miles I live at 3299 Frankton drive. I strongly oppose the rezoning of the lands around 3364 Livernois the Homestead Condominium Project. The lowering of property values and increased traffic along with the inability of current drains to be able to handle flooding and the water run off. Ever since the developing of Big Beaver and Livernois roads the water floods further up the streets in my area. No effort to correct the problem has been made. And to remove 45% of the trees would be detrimental to both the current residents and the Animals that reside there now. There are white and blue herons, deer, wild Turkey, wood ducks as well as ducks that use drainage ditch and small animals and birds. Red fan tailed hawks and horned owl's that live and nest there. It is a wildlife refuge for many animals and birds. Don't allow our quiet neighborhood to be taken from us. Save our Neighborhood and natural resources and animals and birds!!!!!!! Vote NO.

Sent from my iPhone

From: Odeta Fecani
To: Planning

Subject: NO to rezoning of Livernois court **Date:** Friday, July 22, 2022 6:39:38 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Odeta Fecani. I live at 3312 Louis Dr, Troy MI 48083, closest house to the land in question. I strongly oppose the rezoning of the lands related to the Livernois court project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a multi family residential development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest. We need more green spaces in Troy, not less.

In addition to that Wattles elementary school, which my son attends, will not be able to accommodate the extra students without compromising quality by increasing class sizes. They don't have the space for extra classrooms.

Please say NO to rezoning.

Sincerely, Odeta Fecani 3312 Louis Dr, Troy, MI

Sent from my iPhone

From: Kevin Gameing
To: Planning
Subject: Don't cut trees

Date: Monday, July 25, 2022 11:33:24 AM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi there I live in francton dr 3270 I'm 13 teen my childhood was messing around in the river and playin there I don't want to see that go and I know I'm not the only one plz don't cut the trees because it's not just affecting me it's affecting everybody there are hundreds of animals and living organisms there where are all those animals going to go? you guys might say another place with grass but then there just gonna cut those trees at the end they won't have a place to stay those trees aren't just home to animals I know those trees play a huge part in our ecosystem and oxygen

From: Rolando Garay
To: Planning
Subject: opposing rezoning

Date: Sunday, July 24, 2022 11:59:16 AM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

dear troy planning commission my name is rolando i oppose the homestead condominium project around 3364 livernois i have been living here my whole life i am 16 years old and i'm truly disappointed do you not own a house in this area the flooding is bad it has caused many damages to my neighbors property does that not mean anything to you probably not because you're trying to rezone this area for a second time when they already lost the first time it makes my neighbors and my family feel let down that there aren't people representing this part of the neighborhood do you not care about the flooding issues that the citizens of troy specifically in this area face to whoever is in charge of these decisions i ask to put yourself in the shoes of my next door neighbor who had his new car damaged by the flood issues in this area instead of making it worse why don't you guys get behind the citizens and help us with the flood issues THE ENTIRETY OF FRANKTON DR OPPOSES THIS SHAMEFUL PROJECT

Sent from my iPhone

From: Rolando Garay
To: Planning

Subject: Opposing rezoning

Date: Monday, July 25, 2022 1:58:32 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

dear troy planning commission my name is Rolando I have a 2 sons i oppose the homestead condominium project around 3364 livernois i have been living here my whole life i was here before lot of these buildings were even a thought in you're minds i'm truly disappointed troy is beautiful for it's nature and family setting you guys have already built many restaurants down the road from me leave our homes alone in this area the flooding is bad it has caused many damages to my neighbors property and mine too you probably don't know because you're trying to rezone this area for a second time when they already lost the first time it makes my neighbors and my family feel let down my neighbors and I have chatted we are a close community they have lived here since before my house was even built they are distraught that Troy continues this they have seen many kids from this neighborhood grow up and play in those woods to you it might not mean a lot but I hope I can see the next generation continue in those woods many Troy citizens on Facebook groups have said that they feel let down not just from this project but from others some comments said "there turning Troy into warren" never would I want Troy to be like warren other comments said "it's shameful to see a town that started from farmers destroy the very own nature that helped bring Troy to what it is now"THE ENTIRETY OF FRANKTON DR OPPOSES THIS SHAMEFUL PROJECT

From: David Henson
To: Planning

Subject: Rezoning the lands around 3364 Livernois **Date:** Monday, July 25, 2022 2:19:55 PM

Attachments: <u>image001.png</u>

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Leonard David Henson. I live at 3273 Helena Dr Troy MI 48083. I strongly oppose the rezoning of the lands related to the Homestead Condominium Project (near 3364 Livernois). My neighborhood was built as a single-family residential area. Permitting a condominium development would decrease our property values, disrupt the peace and quiet of our neighborhood, disrupt our forest and make it no longer a single-family residential area. Please NO to REZONING!

Sincerely,

Leonard D. Henson 3273Helena Dr

David Henson | JR Automation

Site Manager
C: +1 (248) 688-7001

jrautomation.com | Sign up for our e-newsletter



From: Colleen Hickman
To: Planning
Subject: No rezoning

Date: Saturday, July 23, 2022 12:17:20 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Colleen Hickman. I live at 1242 Dickens Dr, Troy, Ml.

I strongly oppose the rezoning of the lands related to the Livernois court project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a multi-family attached residential development would decrease the property values, disrupt the peace and quiet of the community, and destroy our beloved forest. We need more green spaces in Troy, not less.

In addition to that, Wattles Elementary School will not be able to accommodate the extra students without compromising quality by increasing class sizes. They don't have the space for extra classrooms.

Please say NO to rezoning.

Sincerely, Colleen Hickman 1242 Dickens Dr Troy, Mi. 48083 From: Linda Pierfelice
To: Planning
Subject: RE: condo project

Date: Sunday, July 24, 2022 2:37:22 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy planning commission,

My name is James Horne and I live at 3151 Helena Troy. I strongly oppose the rezoning the land related to the Homestead Condominiums Project around 3364 Livernois. This neighborhood was built as a single family residential area, and permitting a dense condominium development would decrease our property values, disrupt the peace and quiet of my community, and destroy our so beloved forest that I love so much! Please say NO to REZONING!

I have lived here for 12 years and have enjoyed countless hours sitting across the drain and watching the wildlife. Mostly the beautiful Whitetail deer population. Where will these deer go? They will be pushed out into traffic and cause many accidents and even injuries or deaths! I strongly urge you to save our precious wildlife and wetlands!

Sincerely James Horne 3151 Helena Troy, MI. 48083 248-918-3818

From: <u>Idalia Garay</u>
To: <u>Planning</u>
Subject: Rezoning

Date: Sunday, July 24, 2022 12:21:52 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

My name is Idalia i live on frankton dr a street where the flooding is bad we found out about you're plans to take away our forest through our neighbors we noticed activities going on in the woods like pink Marks on the tree it makes me sad to think you would let this happen again when we already voted no the first time do whats right and represent the citizens of troy not a big money investor that could care less about our flooding issues we the citizens of troy are not going to let you guys do whatever you want when the consequences would be against us we have created a group that will oppose these efforts OUR VOICES WILL BE HEARD DO NOT SUPPORT THE REZONING

Enviado desde mi iPhone

From: Jimmy?
To: Planning

Subject:Please NO REZONING - 3364 LivernoisDate:Sunday, July 24, 2022 3:02:53 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy City Planning Commission,

My name is Jimmy Shah, I live at 3270 Louis Dr, Troy 48083.

I strongly oppose the rezoning the lands related to the Homestead Condominiums project (around 3364 Livernois).

This neighborhood was built as single-family residential area, and permitting a dense condominiums development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest.

Please NO to REZONING!

Thank you

Sincerely

Jimmy Shah 3270 Louis Dr Troy, MI 48083 From: Jen DiPerna
To: Planning

Subject: Rezoning Opposition for 3364 Condo Plans **Date:** Monday, July 25, 2022 12:03:49 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern,

My name is Jen DiPerna and I'm a resident at 654 Troywood Dr. Troy, MI 48083. We've lost a lot of quality people in our city to other cities that hold more opportunities. Our nature trail is one thing that was developed that kept us from moving. We use it often and enjoy the quiet, peaceful, not overcrowded walk/bike rides.

There are so many condos and we don't like our city as much as we did 15 years ago when we moved in. The condos are a We were drawn here because of the green space. We had 4 foxes living..LIVING on our dirt road this summer. That is a red flag to halt the builds here. It's temporary money that, while attractive in the moment, could be the same decision that moves more families out of Troy costing the city more money in the long run. We need to hold onto the quality of the city, which is being botched by all these builds. We're a community, we're all in this together.

Respectfully, Jen D. Sent from my iPhone From: Odeta Fecani
To: Planning

Subject: Say NO to rezoning on Livernois court/ North of Big Beaver

Date: Friday, July 22, 2022 10:57:41 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Kozeta Fecani. I live at 3312 Louis Dr, Troy MI 48083, closest house to the land in question. I strongly oppose the rezoning of the lands related to the Livernois court project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a multi family residential development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest. We need more green spaces in Troy, not less.

Wattles Elementary School will be more crowded too, larger class sizes, and I oppose that because my grandson goes there.

Please say NO to rezoning.

Sincerely, Kozeta Fecani 3312 Louis Dr, Troy, MI

Sent from my iPhone

From: Garima Kumar
To: Planning
Subject: NO to Rezoning

Date: Sunday, July 24, 2022 1:45:06 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Garima Kumar. I live at 3223 Helena Ave, Troy, MI. I strongly oppose the rezoning of the lands related to the Homestead Condominiums project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a multi-family attached residential development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest. Please say NO to rezoning.

Sincerely,

Garima Kumar 3223 Helena Ave Troy, MI 48083 From: Dan L
To: Planning

Subject: Homestead Condos Project - Livernois **Date:** Monday, July 25, 2022 10:43:14 AM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Troy Planning Commission,

My name is Dan Letwin. I live at 3235 Helena St, Troy, MI 48083. I'm reaching out to oppose the rezoning of the lands related to the Homestead Condos Project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a dense condo development would decrease our property values, disrupt peace and destroy forest in the area. Please reconsider your plan.

Thank you,

--

Daniel Letwin

E: letwin.dan@gmail.com

From: Elizabeth L
To: Planning

Subject: Opposition to Rezoning (Homestead Condos)

Date: Monday, July 25, 2022 1:40:54 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Elizabeth Leung. I live at 398 Tanner Drive. I strongly oppose the rezoning of the lands related to the Homestead Condos Project. (around 3364 Livernois) The neighborhood was built as a single-family residential area, and permitting a dense condo development would decrease property values, disrupt the peace and quiet of the community, and destroy even MORE of the very little green space we have left in this city! **Please say NO to REZONING!** The rezoning in this city is becoming ridiculous and making me, and many others, reconsider every reason we chose to move to this city!

Sincerely an upset resident, Elizabeth Leung 398 Tanner Drive From: <u>Katie MacFarland</u>
To: <u>Planning</u>

Subject: Opposition to Rezoning (Homestead Condominiums)

Date: Saturday, July 23, 2022 2:27:34 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Katie MacFarland. I am a resident of Troy, and strongly oppose the rezoning the lands related to the Homestead Condominiums Project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting dense condominium development would decrease the property values, disrupt the peace and quiet of the community, and destroy the beloved forest. Please say NO to REZONING!

Sincerely, Katie MacFarland 5820 Patterson Drive Troy, MI 48085 From: dawn miles
To: Planning

Subject: Rezoning for Homestead Condominiums **Date:** Sunday, July 24, 2022 12:33:22 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I am writing you today as I<u>strongly oppose</u> the rezoning of land for the above named project. We purchased our home on Frankton Drive because it was a peaceful place to live, and it was meant for single family residences.

My concerns are the decreasing of our property values, danger to wildlife, increased flooding potential damage to our foundation as nearby lands will have to re settle, and increased traffic on already busy streets.

Please let my voice be heard. Sincerely, Dawn Miles 3299 Frankton Dr Troy MI 48083 From: MARILYN O"BRIEN

To: Planning

Subject: Rezoning - PIN 88-20-22-301-007, 008, 009 of Section 22

Date: Sunday, July 24, 2022 2:59:39 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

TO: Members of the Troy Planning Committee
Toby Buechner, Carlton Faison, Michael W. Hutson, Thomas G. Krent, Dave
Lambert, Jayalakshmi, Marianna Perakis, Sadek S. Rahman, and John J. Tagle

Thank you for the opportunity to address the issue of rezoning of the property known as the Livernois Court Project (PIN 88-20-22-301-007, 008, 009 of Section 22) (Conditional Rezoning CR JPLN2022-001 - Proposed Homestead Condominiums, from One Family Residential District to One Family Attached Residential District.

My name is Marilyn B. O'Brien. I live at 4225 Bristol Drive with my husband and adult daughter. We are vehemently opposed to the rezoning of the property as described above.

May I direct your attention to the City of Troy Master Plan (unanimously accepted by the City Council in 2016 under Resolution 2016-08-140). Please see Chapter 7 - Green City: Responsibility to Natural & Energy Resources, page 49, last paragraph: The value of home sites adjacent to open space, parks, wetlands, greenbelts, and other green amenities is greater, all things being equal to similar sites not adjacent to such amenities.

Rezoning the aforementioned property, albeit it from single family dwellings to family attached dwellings - will certainly have an adverse effect on the value of all the home sites surrounding this property, including - perhaps - a lower assessment value.

Further in the document, the Master Plan calls for means for the preservation of natural features. It is woefully silent on the wildlife in the City, except as it pertains to city parks. I suppose the 'park" wildlife that is being considered is squirrels and chipmunks, and maybe raccoons and possums. The Master Plan does not address the larger wildlife, like deer and coyotes. The aforementioned property is home to a large number of deer and coyotes. When the original developer of the property commenced to bulldoze trees, etc., the deer and coyote population started moving into the residential areas in the autumn of 2019. These animals are being displaced all over Troy - at alarming rates.

See the Master Plan on the preservation of trees. Troy has been a recognized "Tree City" for 25 years. Conservationists recognize the value of trees in keeping the environment and air quality clean. Large scale removal of trees will likely occur with the development of said property.

There has to be a better solution for the development of this land. Why haven't those residents who live directly east and south of this property (particularly around Wattles

Elementary) been consulted on what might be acceptable for land development?

Troy is losing its 'green spaces', through - sometimes unnecessarily - development.

We ask you vote NO on the rezoning of this property!

Thank you for your time and service to the City.

Sincerely, Marilyn O'Brien From: <u>Diane Paul</u>
To: <u>Planning</u>

Subject: Opposition to Rezoning (Homestead Condominiums)

Date: Monday, July 25, 2022 12:17:00 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission

Our names are Mark and Diane Paul. We live at 3844 Root Drive in Troy for 36 years. We STRONGLY OOPOSE the rezoning of the lands related to the Homestead Condominiums Project (around 3364 Livernois). This neighborhood was built as a SINGLE FAMILY residential area. Permitting a dense condominium development will disrupt the peace and quiet of this long time residential community, as well as the quiet of the Anthology Senior Living Center. This is so unfair to the families that have made their home on these streets for so many years. It will destroy our beloved forest. There is SO little greenspace left in Troy. Please don't destroy this peaceful small area of land left in the city.

Please say NO to REZONING.

Also, please note there WILL be a higher risk of flooding for the area.

Sincerely,

Mark and Diane Paul 3844 Root Drive Troy, MI 48083 From: John Phillips
To: Planning

Subject: Livernois and Big Beaver rezoning for Homestead Condo Project

Date: Sunday, July 24, 2022 1:53:52 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is John Phillips, I spoke at the last rezoning meeting for this property the last time it came up for rezoning. I would also like to comment on this new attempt at rezoning.

I met online with the company that is planning the condo development. They seem like a good company. Their plan is to market these condo's to the 50+ age group. After talking and then receiving their information packet with all the details of what is planned, I can not support the rezoning of this land.

First off they(developer) are planning on deforesting the wetlands. Grading down 1/3 of the area so that they can build up where they plan to build the condo building. This would decimate the natural wildlife that currently resides in the wetlands, result in possible flooding and/or swamp being created. If this turns into a swamp then wetlands would be changed from its current natural environment.

They also plan on a retention "pool" for rain run off from their complex. Not sure how the "pool/pond" would work as the only other source of water is the drain that runs along the property line to the south. Overflow would have to flow into the current drain and as we have seen from the build up along Big Beaver the drain is having a hard time supporting that additional load. Adding the additional roads/condos/etc would limit the amount of water the wetlands can absorb thus resulting in additional run off required.

Their plan is also to put in walking trains around the park area created by the dig down. It did not sound like they will be paved/blacktopped though so not sure how they will "survive" when nature tries to take back the area. Walking paths around/in the wetlands/swamp created would be an insect nightmare. Any method to reduce the insect population would dramatically affect the current ecosystem of the wetlands(disrupt the food chain).

In their plan where they will be digging down to allow for build up for the condos is to make them "parks" but not maintain them(plan is for prairie grass to be planted). This doe not provide home/shelter/cover for the wildlife currently residing in the wooded area. All the trees in the dig area(AGED trees mind you) would have to be removed in order to reduce ground level. The deforestation would result in a change of the wetlands natural habitat and possibly it's retention capabilities

for rain/water.

As I said at the start of this email, their plan is for 50+ residents to move in to these condo's so targeting the seniors. But if you look at their plans, EVERY, and I mean every building configuration has stairs....So any forward looking senior would see that as a major disadvantage to moving into a "final move" condo. Stairs are the bane of seniors once they hit a certain age point.

I would recommend keeping this as 3 single home plots and allowing single home dwellings to be built at the road. Not disturbing the wetlands that allows for the natural beauty that exists there.

We have already cut paths into the woods for the "Troy Trails" let us not interfere with the natural wildlife currently residing there. Give them a place to live too.

Lastly this area provides a green space that keeps our homes cooler in the summer....trees/winds cool the air, heat is not absorbed into roofs/streets.

Any one heard of global warming? Tree/forest GOOD....roads/homes bad.

Thank you for your time,

John Phillips

3302 Frankton Dr

Troy MI, 48083

(1 house away from the drain and the wetlands beyond)

From: <u>Linda Pierfelice</u>
To: <u>Planning</u>

Subject: proposed condo complex on Livernois **Date:** Sunday, July 24, 2022 3:36:46 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Linda Pierfelice. I live at 3151 Helena. I strongly oppose the rezoning of the lands related to the Homestead Condominiums Project. This neighborhood was built as a single family residential area and permitting a dense condominium development would decrease our property values, disrupt peace and quiet of my community and destroy our beloved forest. I enjoy watching the deer in the nearby woods, and if this is rezoned, the deer will have nowhere to go, will be killed on the roads, or possibly killing residents while driving. I say NO to rezoning.

From: Ron Schwark
To: Planning

Subject: Homestead condominium project around 3364 Livernois

Date: Sunday, July 24, 2022 11:59:47 AM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

We are Ron and Beth Schwark. We live at 3252 Frankton Dr. We strongly oppose the rezoning the lands related to the Homestead Condominium Project around 3364 Livernois. Our neighborhood is a single family residential area. We have lived here for over 30 years and watched as you have allowed our wooded areas to be torn down and put up concrete buildings. Troy has so many condos, apartments and homes, that we don't need anymore. Once before we along with many others in the area opposed a single story senior home on Livernois, but some how we ended up with a 2-story building and a dog park. Go figure, it was more important to get the money for the city than how the neighborhood felt. Our point is simple, please listen to us this time as condominiums will take away from our green space, wooded area, increase flooding in the creek and cause more congestion on Livernois. Please say NO and stick with it. Do not be greedy. We have enough places for people to eat, drink and live in Troy. We are a cement city with little green spaces.

Thank you

Ron and Beth Schwark 3252 Frankton Dr Troy, MI 48083 Sent from my iPhone From: HIREN SHAH
To: Planning

Subject: NO REZONING - 3364 Livernois

Date: Sunday, July 24, 2022 3:00:11 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy City Planning Commission,

My name is Hiren Shah, I live at 3270 Louis Dr, Troy 48083.

I strongly oppose the rezoning the lands related to the Homestead Condominiums project (around 3364 Livernois).

This neighborhood was built as single-family residential area, and permitting a dense condominiums development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest.

Please NO to REZONING!

Thank you

Sincerely Hiren Shah 3270 Louis Dr Troy, MI 48083 From: Sanjay Shah
To: Planning

Subject: NO REZONING - 3364 Livernois

Date: Monday, July 25, 2022 1:09:45 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy City Planning Commission,

My name is Sanjay Shah, I live at 123 Millstone Drive, Troy, MI 48084.

I strongly oppose the rezoning the lands related to the Homestead Condominiums project (around 3364 Livernois). This neighborhood was built as single-family residential area, and permitting a dense condominiums development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest. Please NO to REZONING!

Thank you

Sincerely Sanjay Shah

123 Millstone Drive Troy, MI 48084 From: PAULETTE SHAW
To: Planning

Subject: Opposition to Rezoning (Homestead Condos) **Date:** Monday, July 25, 2022 11:35:20 AM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Paulette Shaw. I live at 3861 Jennings Dr, 48083. My husband and I strongly oppose the rezoning the lands related to the Homestead Condo Project (approx 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a dense condo development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved trees and forest areas. Please say NO to REZONING!

Thank you

Paulette & Neal Shaw 3861 Jennings Dr, Troy, MI 48083 317-332-8160 From: G Stormer
To: Planning

Subject: Opposition to Homestead Condominiums (near 3364 Livernois)

Date: Monday, July 25, 2022 2:22:18 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy planning Commission,

My name is Gavin Stormer and I live at 3254 Helena Dr, I strongly oppose the rezoning of the lands related to the Homestead Condominiums Project.

This neighborhood was built as a single family residential area, and permitting a large development like this is highly likely to impact the value of the homes and disrupt the normal peace and quiet currently enjoyed by it's residents.

It will also destroy the wooded area that the residents have also enjoyed for many years whilst increasing the likelihood of increased flooding risk and property damage, my house has been shown on Troy city maps as a flood plain, destroying the wooded area will clearly increase the likelihood of my house being damaged by flood water.

Please NO to REZONING!!!!

With best regards,

Gavin Stormer

Sent with Proton Mail secure email.

From: Odeta Fecani
To: Planning

Subject: Say NO to rezoning on Livernois court, north of Big Beaver

Date: Friday, July 22, 2022 10:55:24 PM

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Troy Planning Commission,

My name is Thomaq Fecani. I live at 3312 Louis Dr, Troy MI 48083, closest house to the land in question. I strongly oppose the rezoning of the lands related to the Livernois court project (around 3364 Livernois). This neighborhood was built as a single-family residential area, and permitting a multi family residential development would decrease our property values, disrupt the peace and quiet of my community, and destroy our beloved forest. We need more green spaces in Troy, not less.

Wattles Elementary School will be more crowded too, larger class sizes, and I oppose that because my grandson goes there.

Please say NO to rezoning.

Sincerely, Thomaq Fecani 3312 Louis Dr, Troy, MI From: Mark F Miller

To: <u>ELIZABETH SCHWARK</u>

Cc: City Manager Distribution Group; Brent Savidant; Aileen Dickson; Jackie Ferencz

Subject: RE: Vote NO to Rezoning (CRJPLN2022-001, Homatead Condominiums)

Date: Thursday, August 11, 2022 9:07:23 AM

Dear Elizabeth:

I am responding to your email to City Council. City Management takes care of the day to day functions of the City. Therefore, we appreciate and thank your public comment. We will ensure your email is part of the public record.

Mark F. Miller AICP

City Manager | City of Troy

O: 248.524.3351

C: 248.763.3241

----Original Message----

From: ELIZABETH SCHWARK <schwarkie1@sbcglobal.net>

Sent: Wednesday, August 10, 2022 11:31 PM

To: City Council Email < CityCouncilEmail@troymi.gov>

Subject: Vote NO to Rezoning (CRJPLN2022-001, Homatead Condominiums)

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear City Council,

I sent the following letter in July to hopefully get the planning commission to not rezone the condominiums for Mondrian to build in the forested area. I understand that they want to build 6, two story buildings for a total of 30 units which will be rental apartments. Please review my letter with my concerns and upsets. I also think that another set of apartments is unnecessary as just recently the old Suite hotel just south of I-75 off Livernois will be apartments.

Please vote NO.... We need green space. We need nature. Troy has way to many brick and mortar buildings. Turn the old K-Mart into something. It's been empty for how many years. But let's keep nature and green space. Please don't approve this.

Thank you

Ron and Beth

Dear Troy Planning Commission,

We are Ron and Beth Schwark. We live at 3252 Frankton Dr. We strongly oppose the rezoning the lands related to the Homestead Condominium Project around 3364 Livernois. Our neighborhood is a single family residential area.

We have lived here for over 30 years and watched as you have allowed our wooded areas to be torn down and put up concrete buildings. Troy has so many condos, apartments and homes, that we don't need anymore. Once before we along with many others in the area opposed a single story senior home on Livernois, but some how we ended up with a 2-story building and a dog park. Go figure, it was more important to get the money for the city than how the neighborhood felt. Our point is simple, please listen to us this time as condominiums will take away from our green space, wooded area, increase flooding in the creek and cause more congestion on Livernois. Please say NO and stick with it. Do not be greedy. We have enough places for people to eat, drink and live in Troy. We are a cement city with little green spaces.

Thank you

Ron and Beth Schwark 3252 Frankton Dr Troy, MI 48083 Sent from my iPhone

Sent from my iPhone

From: Mark F Miller

To: <u>Aileen Dickson</u>; <u>Brent Savidant</u>; <u>Jackie Ferencz</u>

Subject: FW: Vote NO to Rezoning (CP JPLN2022-001, Homestead Condominiums)

Date: Monday, August 15, 2022 2:02:04 PM

Attachments: image001.png

image002.png image003.png image004.png image005.png image006.png

Public comment on a future item.



Mark F. Miller AICP
City Manager | City of Troy
O: 248.524.3351
C: 248.763.3241

From: Paola Quijano <paola.mirandaquijano@gmail.com>

Sent: Monday, August 15, 2022 1:41 PM

To: City Council Email < CityCouncilEmail@troymi.gov>

Subject: Vote NO to Rezoning (CP JPLN2022-001, Homestead Condominiums)

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I STRONGLY oppose rezoning the lands related to Mondrian's Homestead Condominiums developments near 3364 Livernois. This is a forested wetland past FEMA's flood line borders. The surrounding neighborhoods, where I currently reside, were built for SINGLE-FAMILY homes NOT condominiums. Permitting Mondrian to cut down the forest to build a dense development will increase the terrible flooding problems in this area that already exists, decrease property value, and destroy the forest/green place that belongs to nature. Please vote NO to REZONING! This is an issue that directly affects me and my property, we will not give up! See you at the council meetings where I will continue to say, "NO TO REZONING!!"

Sincerely concerned citizens,

Paola & Allan Padilla, 3216 Louis Ave Troy, Mi 48083

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(Above	space	tor	recording	purposes.

CONDITIONAL REZONING AGREEMENT

RECITALS

- A. Tableau is currently the fee owner of certain vacant real property which is located on the east side of Livernois and north of Big Beaver, City of Troy, Oakland County, Michigan, more particularly described on Exhibit A, attached hereto ("Property").
- B. Tableau intends to improve and develop the Property as a residential attached condominium development.
- C. The Property is presently zoned R-1E (One Family Residential). In order to facilitate the development, Tableau desires to have the Property rezoned from R-1E (One Family Residential) to RT (One Family Attached Residential District) under the Troy Zoning Code.
- D. As part of approval of this Agreement, which will result in the Property to be zoned RT (One Family Attached Residential District), Tableau offers and agrees to make the improvements, proceed with the project and comply with document submission dates and/or project completion dates, as described in this Agreement and any incorporated documents. Any conditions, representations or promises included in the Agreement have been voluntarily offered by Tableau to induce the City to rezone the land to the proposed classification. Tableau and the City agree that the rezoning and the terms of this Agreement provides for: (i) the promotion of the public health, safety and welfare; (ii) compatibility with the Master Plan; (iii) compliance with all terms and conditions of the

1

zoning district to which the land is to be rezoned, except as otherwise allowed in the Agreement; (iv) the accommodation of service and facility loads for public services and facilities affected by the proposed development; (v) compatibility with adjacent uses of land; and (vi) other legitimate objectives authorized under the Michigan Planning Enabling Act, MCL 125.3801, et. seq., the Michigan Zoning Enabling Act, MCL 125.3101, et. seq. and Chapter 39, Section 16.04 of the City of Troy Zoning Ordinance. The burden of the conditions on Tableau is roughly proportionate to the burdens being created by the development, and to the benefit which will accrue to Property as a result of the requirements represented in the project and/or development.

- F. For the purpose of confirming the rights, obligations and restrictions in connection with the improvements and development to be undertaken on the Property, the parties have entered into this Agreement. The rezoning of the Property to RT (One Family Attached Residential District) shall become effective as set out in Section 4.1 of this Agreement. Once this Agreement is approved by the Troy City Council, it shall be binding upon the City, Tableau, and their agents, successors and assigns. The City's Zoning District Map shall be updated to reflect the amendment to the Zoning Ordinance and the District Map within a reasonable period of time after the effective date of the rezoning. This Conditional Rezoning Agreement is being proposed by Tableau and entered into voluntarily by Tableau and the City.
- G. Tableau has voluntarily offered to enter into this Conditional Rezoning Agreement consistent with the Zoning Enabling Act, as defined in Article 1 of this Agreement and the City of Troy Zoning Ordinance, Chapter 39, Section 16.04 (Conditional Rezoning Procedures).
- H. This Conditional Rezoning Agreement is made by the City pursuant to authority granted to the City under MCLA §125.3405, as amended.
- I. The City's Planning Commission, at its July 26th, 2022, meeting, adopted a resolution recommending to the City Council that Tableau's RT rezoning request, which incorporates Site Plan approval, be granted.
- J. The City, by action of its City Council at its meeting of _______, 2022, adopted a resolution and has accepted the offer of Tableau to enter into this Conditional Rezoning Agreement, which incorporates Site Plan approval.

NOW, THEREFORE, Tableau and the City for the good and valuable consideration outlined in this Agreement, the receipt and sufficiency of which are hereby acknowledged, agree as follows:

ARTICLE 1 DEFINITIONS AND COVENANTS

- 1.1 "Conditional Rezoning Agreement Documents" shall mean Chapter 39, Section 16.04 of the City's Zoning Ordinance, as amended, this Agreement and the Site Plan (see Section 2.4).
- 1.2 "Improvements" means (a) acquisition of building permits; (b) submission of required site bonds to City; and (c) on-site improvements on the exterior Property such as landscaping.
- 1.3 "Troy Zoning Code" means Chapter 39 of the Code of Ordinances of the City of Troy.
- 1.4 "Zoning Enabling Act" means State of Michigan's Act 110 of the Public Acts of 2006, as amended (MCLA §125.3101, et. seq., as amended).

ARTICLE 2 <u>DESCRIPTION OF DEVELOPMENT</u>

- 2.1 <u>Development Description</u>. The development involves the construction of 30 attached condominium units within 6 buildings on the Property, as described as Exhibit A attached.
- 2.2 <u>Development Parcel</u>. The Property is described on Exhibit A, attached hereto and also constitutes the property to be rezoned.
- 2.3 <u>Current Ownership of Property</u>. The Property is currently owned by Tableau.
- 2.4 <u>Site Plan</u>. The drawings and submittals for the Property which constitute the Site Plan and related plans are identified and attached hereto as Exhibit B ("Site Plan").
- 2.5 <u>Development Documents</u>. The Property shall be developed and improved only in accordance with the Conditional Rezoning Agreement Documents.

ARTICLE 3 CONDITIONS FOR REZONING

3.1 <u>Rezoning</u>. In consideration for the City's rezoning of the Property from their current classification of R-1E (One Family Residential) to RT (One Family Attached Residential District), Tableau voluntarily offers and agrees to be bound by the conditions which have been incorporated into the Site Plan.

- 3.2 <u>Representation</u>. Tableau represents and confirms that the Property shall not be used or developed in a manner inconsistent with the conditions placed on rezoning as set out in this Agreement.
- 3.3 <u>Expiration</u>. Tableau shall be subject to the expiration of the provisions of Section 16.04.E. of the Troy Zoning Ordinance and Section 6.2 of this Agreement.

3.4 Conditions Offered by Tableau:

- 1. The development shall conform to RT Zoning;
- 2. The development shall be limited to a maximum of 6-buildings with 30 total units:
 - 3. The Maximum building height shall not exceed 2 stories or 30' in height;
 - 4. The maximum percentage of lot covered by buildings will be thirty percent (30%);
- 5. The building materials shall be a mix of brick, asphalt shingles, plank siding, with variety of color palates and durable, low-maintenance materials;
- 6. Each Unit shall have a minimum of a one-car garage on the first level of each unit;
 - 7. Additional features and amenities:
 - a. Community Park & Gathering Area;
 - b. Walking Trails Internal & External Sidewalks;
 - c. Ability to Connect to Troy Trails;
 - d. Exercise & Fitness Stations;
 - e. Butterfly Gardens;
 - f. Park Benches;
 - g. Livernois Frontage Landscape & Decorative Stone Walls;
 - h. Landscape Boundary Buffer Plantings & Preservation of Natural Features;
 - 8. Significant tree plantings & re-forestation;
- 9. No exterior refuse containers shall be used. Individual waste and recycling containers shall be stored in each unit's garage and placed at the curb on collection days in accordance with City ordinances;
 - 10. Minor modifications to the site plan shall be reviewed, and if appropriate,

administratively approved by the Community Development Director (Any such minor changes are those that in the City's discretion would not adversely or substantially affect the conditions of the re-zoning or the site plan).

11. Tableau shall grant an easement for public ingress and egress to the City of Troy over the walking path connecting to Livernois Road (as depicted on Exhibit B hereto).

ARTICLE 4 REZONING

4.1 <u>Resolution and Zoning Map Amendment</u>. Directly after City Council's approval of this Conditional Rezoning Agreement, City Council shall pass a Resolution rezoning the Property to RT (One Family Attached Residential District) under the Troy Zoning Code. That Resolution shall also state that the Zoning Map shall be amended to reflect a new zoning classification. The Planning Director shall take necessary action to amend the Zoning Map to the new classification along with a relevant designation that will provide reasonable notice of the Conditional Rezoning Agreement. The Conditional Rezoning Approval and the amendment to the Zoning Map shall not become effective until the Conditional Rezoning Agreement is recorded with the Oakland County Register of Deeds and a certified copy of the Agreement is filed with the City Clerk.

ARTICLE 5 DEVELOPER'S RIGHTS, OBLIGATIONS AND PROPERTY RESTRICTIONS

- 5.1 Right to Develop. Tableau shall have the right to develop the Property in accordance with the Conditional Rezoning Agreement Documents. The Site Plan included in the Conditional Rezoning Agreement Documents is deemed approved and in compliance with the conditions as stated in Section 3.1. If development and/or actions are undertaken on or with respect to the Property in violation of the Conditional Rezoning Agreement, such development and/or actions shall constitute a violation of the City of Troy Code of Ordinances and deemed a nuisance per se. In such cases, the City may issue a stop work order relative to the Property and seek any other lawful remedies. Until curative action is taken to bring the Property into compliance with the Conditional Rezoning Agreement, the City may withhold or, following notice and an opportunity to be heard, revoke permits and certificates in addition to or in lieu of such other lawful action to achieve compliance.
- 5.2 <u>Compliance with Agreement</u>. All development, use, and improvement of the Property shall be subject to and in accordance with this Agreement, the Conditional Rezoning Agreement Documents, all applicable City Ordinances, and shall also be subject to and in accordance with all other approvals and permits required under applicable City Ordinances and State law.

- 5.3 <u>Compliance with City Ordinances</u>. Tableau shall comply with the City Code of Ordinances, make any necessary application for permits and obtain any necessary approvals and permits for the development of the Property, including signage.
- 5.4 Amendment to Plans. In the event that during the course of final site plan review, building permits review or construction and development of the Property, the City's Planning Department or Building Department determine that the engineering or building plans, as submitted by Tableau, shall need to vary from the approved Site Plan, then the Building Department and/or Planning Department shall be empowered to administratively approve such change or variance, consistent with City Ordinances, without amending this Agreement, provided that such changes or variances are consistent with the Conditional Rezoning Agreement Documents and are determined to be minor in nature by the Planning Director. Notwithstanding the foregoing, any change that affects Section 3.4, 1 through 11, of this Agreement shall require an amendment of the Agreement.

ARTICLE 6 THE CITY'S RIGHTS AND OBLIGATIONS

- 6.1 <u>Police Powers</u>. The action of the City in entering into this Conditional Rezoning Agreement is based upon the understanding that the intent and spirit of the police power objectives of the City relative to the Property are embodied in the Conditional Rezoning Agreement Documents and those powers are assured based upon the development and/or undertakings on the Property. The City is thus achieving its police power objective and has not, by this Agreement, bargained away or otherwise compromised any of its police power objectives.
- 6.2 <u>Expiration</u>. Conditional Rezoning approval shall expire following a period of two (2) years from the effective date of the rezoning as set out above unless progress has been diligently pursued and substantial completion has occurred in accordance with permits issued by the City. The City shall have the sole discretion to determine if progress has been diligently pursued by Tableau. The City, through its employees and agents, shall at all times be allowed to enter onto the Property to determine the progress of the development.
- 6.3 <u>Enforcement</u>. The City may initiate legal action for the enforcement of any of the provisions, requirements, and obligations set forth in the Conditional Rezoning Agreement. In the event the City obtains any relief as a result of such litigation, Tableau shall pay all court costs and attorney fees incurred by the City in connection with such suit.
- 6.4 <u>Non-Compliance</u>. If Tableau is developing the Property in non-compliance with the Conditional Rezoning Agreement, the City may issue a stop work order as to any or all aspects of the Development; may deny the issuance of any requested building permit or certificate of occupancy within any part or all of the Development regardless of

whether the Developer is the named applicant for such permit or certificate of occupancy; and may suspend further inspections of any or all aspects of the Development.

6.5 <u>Compliance</u>. To the extent the Conditional Rezoning Agreement Documents deviate from the City of Troy Development Standards, Zoning Ordinance or other City ordinances, or any amendments thereto, the Conditional Rezoning Agreement Documents shall control. All improvements constructed in accordance with the Conditional Rezoning Agreement Documents shall be deemed to be conforming under the Zoning Ordinance and in compliance with all ordinances of the City.

ARTICLE 7 GENERAL PROVISIONS

- 7.1 <u>The City's Representations and Warranties</u>. The City represents and warrants to Tableau as follows:
 - a. <u>Authority</u>. The City has the authority to enter into this Conditional Rezoning Agreement and to perform and carry out all obligations, covenants and provisions hereof. The City's authority shall be evidenced by appropriate resolutions.
 - b. <u>Transfer of Ownership</u>. The transfer of title of the Property from Tableau to an entity in which the principals of Tableau do not have an ownership interest, if such transfer is made prior to substantial completion of the Improvements, shall not constitute an event of default under this Conditional Rezoning Agreement;
 - c. <u>Compliance</u>. The Conditional Rezoning Agreement complies with the requirements of City Ordinances, including the Troy Zoning Code.
 - d. <u>Sole Authority</u>. The City Council is the sole and appropriate municipal body to enter into the Conditional Rezoning Agreement with Tableau.
 - e. <u>Plan Review</u>. The City will timely review the plans and documents submitted for building permits, public utilities and signage, and any amendments thereto submitted by Tableau to achieve the purposes of this Conditional Rezoning Agreement.
 - f. <u>Use</u>. The intended land use for the Property is a permissible use under the Troy Zoning Code and Troy Master Plan.
 - g. <u>Validity of Use</u>. In the event that the Troy Zoning Code is amended such that the use provided for in this Conditional Rezoning

Agreement for the Property is no longer a permitted use of right in the RT (One Family Attached Residential District) District, the use provided for in this Conditional Rezoning Agreement and continuation of that use shall be governed by the provisions of Troy's Zoning Ordinance governing non-conforming lots uses and structures currently set forth in Article 14 of the Zoning Ordinances.

- h. Restraints. Neither the execution nor delivery of this Conditional Rezoning Agreement nor the consummation of the transaction contemplated hereby is in violation of any provision of any existing law or regulation, order or decree of any court or governmental entity, the City's Charter, or any agreement to which the City is a party or by which it is bound.
- j. <u>Litigation</u>. The City has no notice of and there is no pending or threatened litigation, administrative action or examination, claim or demand before any court or any federal, state or municipal governmental department, commission, board, bureau, agency or instrumentality thereof which would affect the City or its principals from carrying out the covenants and promises made herein.
- 7.2 <u>Tableau's Representations and Warranties</u>. Tableau represents and warrants to the City as follows:
 - a. <u>Organization</u>. Tableau has all requisite power and authority to own and operate its assets and properties, to carry on business as now being conducted, and to enter into and perform the terms of the Conditional Rezoning Agreement.
 - b. <u>Authorization</u>. The execution and delivery of this Conditional Rezoning Agreement and consummation of the transactions contemplated hereby have been duly authorized by Tableau.
 - c. <u>Restraints</u>. Neither the execution nor delivery of this Conditional Rezoning Agreement nor the consummation of the transaction contemplated hereby is in violation of any provision of any existing law or regulation, order or decree of any court or governmental entity, Tableau's organizational documents, or any agreement to which the Tableau is a party or by which it is bound.
 - d. <u>Disclosure</u>. No representation or warranty by Tableau, or any statement or certificate furnished to the City pursuant hereto or in connection with the transactions contemplated hereby, contains or will contain any untrue statement of a material fact or will omit to state any fact necessary to make the statements contained herein or therein not misleading.

- e. <u>Litigation</u>. Tableau has no notice of and there is no pending or threatened litigation, administrative action or examination, claim or demand before any court or any federal, state or municipal governmental department, commission, board, bureau, agency or instrumentality thereof which would affect Tableau or its principals from carrying out the covenants and promises made herein.
- f. <u>Financial</u>. Tableau is financially able to develop the Property.
- g. <u>Compliance with Laws</u>. Tableau shall comply with all Laws and all City ordinances applicable to the construction, ownership, maintenance, operation and use of the Property.
- 7.3 <u>Effective Date</u>. The effective date of this Conditional Rezoning Agreement is the date the Agreement is recorded with the Oakland County Register of Deeds and a certified copy of the Agreement is filed with the City Clerk in accordance, with the Zoning Ordinance, whichever date is later.

ARTICLE 8 NOTICES

All notices, consents, approvals, requests and other communications, herein collectively called "Notices," required or permitted under this Conditional Rezoning Agreement shall be given in writing and signed by an authorized representative of the City or Tableau. Notices permitted or required shall be deemed sufficient if (a) mailed by certified or registered mail, return receipt requested, (b) personally delivered, (c) sent by overnight courier, or (c) sent by e-mail to a party as follows:

To City: Planning Director

City of Troy

500 W. Big Beaver Road Troy, Michigan 48084 Tel: (248) 524-3364

Email: SavidantB@troymi.gov

With a Copy to: City Attorney

City of Troy

500 W. Big Beaver Road Troy, Michigan 48084 Tel: (248) 524-3320

Email: bluhmlg@troymi.gov

To Tableau: Joseph Maniaci Tableau by Mondrian LLC

50215 Schoenherr

Shelby Township, Michigan 48315

Tel: (248) 726-7340

Email: jmaniaci@mondrianproperties.com

With a copy to: Mark J. Abdo

Attorney at Law

12900 Hall Road, Suite 403

Sterling Heights, Michigan 48313

Tel: (586) 412-1900

Email: markabdolaw@gmail.com

All such notices, certificates or other communications shall be deemed duly given (a) when delivered in person, (b) upon confirmation of receipt when transmitted by electronic mail but only if followed by transmittal by overnight courier or hand delivery on the next Business Day, (c) upon receipt after dispatch by registered or certified mail, postage prepaid or (d) on the next Business day if transmitted by overnight courier. Any party may by notice given under this Conditional Zoning Agreement designate any further or different addresses or recipients to which subsequent notices, certificates or communications hereunder shall be sent.

ARTICLE 9 MISCELLANEOUS

- 9.1 <u>Non-Liability of City, Officials and Employees</u>. No City official, officer, employee, board member, city council member, elected or appointed official, attorneys, consultants, advisors, agents and representatives, shall be personally liable to Tableau for any default or breach by the City of any obligation under this Conditional Rezoning Agreement or in any manner arising out of the performance of this Conditional Rezoning Agreement by any party.
- 9.2 <u>Successors/Provisions Running With the Land</u>. This Conditional Rezoning Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. The provisions of Sections 3.1, 3.4, and 5.1 of this Conditional Rezoning Agreement shall be deemed benefits and burdens which shall run with the Property.
- 9.3 Recording. This Conditional Rezoning Agreement shall be recorded with the Oakland County Register of Deeds at the expense of Tableau within a reasonable time not to exceed thirty days after the Public Hearing where Troy City Council members vote to approve the Agreement. The original Site Plan documents, drawings and submittals referenced in Section 2.4 are not required to be recorded except those copies which are referenced in and attached as Exhibit B if this Agreement and the City shall maintain such documents in its books and records. Within fourteen days after recording, Tableau shall provide the City Clerk with a certified copy of the Agreement as recorded, showing the

date of recording, liber and page numbers.

- 9.4 <u>Complete Agreement</u>. This Conditional Rezoning Agreement constitutes the entire agreement between the parties with respect to the subject of this Conditional Rezoning Agreement and it may not be amended or its terms varied except in writing and signed by the required parties, except for matters pursuant to Section 5.4 above.
- 9.5 <u>Conflicts</u>. In the event of conflict between the provisions of this Conditional Rezoning Agreement and the provision of the Troy Zoning Code, the provisions of this Conditional Rezoning Agreement shall prevail.
- 9.6 <u>Default Remedies of Tableau</u>. The City shall not be in default in any term or condition of this Agreement unless and until Tableau has provided the City with written notice that the City has failed to comply with an obligation under this Agreement, and the City has failed to cure such failure within thirty (30) days of the written notice, unless the nature of the noncompliance is such that it cannot be cured with due diligence within such period, in which case the City has failed to commence the cure within such period and thereafter diligently pursued the cure. In the event of a default, Tableau' sole remedy at law or in equity shall be the right to seek specific performance as to the issuance of approvals, consents, or the issuance of building permits required by the City pursuant to this Conditional Rezoning Agreement.
- 9.7 <u>Default Remedies of City</u>. Tableau shall not be in default in any term or condition of this Agreement unless and until the City has provided Tableau with written notice that Tableau has failed to comply with an obligation under this Agreement, and Tableau has failed to cure such failure within thirty (30) days of the written notice, unless the nature of the noncompliance is such that it cannot be cured with due diligence within such period, in which case Tableau has failed to commence the cure within such period and thereafter diligently pursued the cure. In the event of a default, the City's sole remedy at law or in equity shall be the right to seek specific performance of the obligations of Tableau pursuant to this Conditional Rezoning Agreement.
- 9.8 <u>Third-Party Beneficiaries</u>. No term or provision of this Conditional Rezoning Agreement is intended to be, or shall be, for the benefit of any person not a party to the Agreement, and no such person shall have any right or cause of action hereunder.
- 9.9 <u>Severability</u>. The invalidity or any article, section, subsection, clause or provision of this Agreement shall not affect the validity of the remaining articles, sections, subsections, clauses, or provisions hereof, which shall remain valid and enforceable to the fullest extent permitted by law.
- 9.10 <u>Waiver of Breach</u>. A party to this Agreement does not waive any default, condition, promise, obligation, or requirement applicable to any other party hereunder, unless such waiver is in writing, signed by an authorized representative of that party, and

expressly stated to constitute such waiver. Such waiver shall only apply to the extent given and shall not be deemed or construed to waive any such or other default, condition, promise, obligation, or requirement in any past or future instance. No failure of a party to insist upon strict performance of any covenant, agreement, term or condition of this Conditional Rezoning Agreement or to the exercise of any right or remedy in the event of a default shall constitute a waiver of any such default in such covenant, agreement, term, or condition.

- 9.11 Governing Law. This Conditional Rezoning Agreement shall be governed by, construed and enforced in accordance with the laws of the State of Michigan. Tableau agrees, consents, and submits to the personal jurisdiction of any competent court of jurisdiction in Oakland County, Michigan, for any action brought against it arising out of this Conditional Rezoning Agreement. Tableau also agrees that it will not commence any action against the City because of any matter whatsoever arising out of, or relating to, the validity, construction, interpretation and enforcement of this Agreement in any courts other than those who have jurisdiction in Oakland County, Michigan.
- 9.12 <u>Reasonableness</u>. After consulting with their respective attorneys, Tableau and City confirm that this Agreement is authorized by and consistent with all applicable state and federal law and the United States and Michigan Constitutions, that the terms of this Agreement are reasonable, that they shall be estopped from taking a contrary position in the future, and that each shall be entitled to injunctive relief to prohibit any actions by the other inconsistent with the terms of this Agreement. Tableau and the City fully accept and agree to the final terms, conditions, requirements and obligations of the Agreement and all Conditional Rezoning Agreement Documents, and shall not be permitted in the future to claim that the effect of the Agreement and the Conditional Rezoning Agreement Documents result in an unreasonable limitation upon uses of all or a portion of the Property, or claim that enforcement of any of the Agreement and the Conditional Rezoning Agreement Documents causes an inverse condemnation or taking of all or a portion of the Property. Furthermore, it is agreed that the improvements and undertakings set forth in the Agreement and the Conditional Rezoning Agreement Documents are roughly proportional to the burden being created by the development, and to the benefit which will accrue to the Property as a result of the requirements represented by the development.

9.13 <u>Counterparts</u>. This Agreement may be executed in multiple counterparts, each of which shall be deemed an original and all of which shall constitute one agreement. The signature of any party to any counterpart shall be deemed to be a signature to, and may be appended to, any other counterpart.

	TABLEAU BY MONDRIAN LLC, a Michigan limited liability company
Witness	By: Joseph Maniaci Its: Manager
STATE OF MICHIGAN)) SS. COUNTY OF OAKLAND)	
	Rezoning Agreement was acknowledged before me this oseph Maniaci, as Manager of Tableau of Mondrian
	, Notary Public, County, Michigan Acting in Oakland County My Commission Expires:
	CITY OF TROY, MICHIGAN, a Michigan municipality
Witness	By: Ethan Baker Its: Mayor
Witness	By:Aileen Dickson Its:City_Clerk

STATE OF MICHIGAN)	
) SS. COUNTY OF OAKLAND)	
<u> </u>	oning Agreement was acknowledged before me this ter on behalf of the City of Troy, a Michigan
	, Notary Public
	County, Michigan Acting in Oakland County
	My Commission Expires:
STATE OF MICHIGAN)) SS. COUNTY OF OAKLAND)	
5 5	oning Agreement was acknowledged before me this Dickson on behalf of the City of Troy, a Michigan
	, Notary Public
	County, Michigan
	Acting in Oakland County My Commission Expires:

Prepared by and recorded return to:

Mark J. Abdo Attorney at Law 12900 Hall Road, Suite 403 Sterling Heights, Michigan 48313

Exhibit A

LEGAL DESCRIPTION

(Per Oakland County On-line tax assessing)

PARCEL ID 20-22-301-007 T2N, R11E, SECTION 21 & 22 SUPERVISOR'S PLAT NO. 26, SOUTH 1/2 OF LOT 22 EXCEPT WEST 20 FEET

PARCEL ID 20-22-301-008 T2N, R11E, SECTION 21 & 22 SUPERVISOR'S PLAT NO. 26, LOT 21 EXCEPT WEST 20 FEET

PARCEL ID 20-22-301-009 T2N, R11E, SECTION 21 & 22 SUPERVISOR'S PLAT NO. 26, LOT 20 EXCEPT WEST 20 FEET

Legal Description (Overall Property as Surveyed by PEA Group)

All of Lots 20 and 21 together with the south half of Lot 22, except the west 20 feet of said Lots, of "Supervisor' Plat No. 26" as recorded in Liber 57, Page 59, Oakland County Records, being a subdivision of part of the E1/2 of the E1/2 of section 21, and Part of the NW1/4 of the SW1/4 of Section 22, Town 2 North, Range 11 East, City of Troy, Oakland County, Michigan. Said lots being more particularly described as: Commencing at the West ½ Corner of said Section 22; thence along the west line of said section S00°24'00"W, 1047.66 feet to the westerly extension of the south line of said Lot 20, also being the extension of the north line of "Eysters Beaver Gardens" as recorded in Liber 26, Page 14, Oakland County Records; thence along said line, S89°33'24"E, 73.00 feet to the east line of Livernois Road, 73 feet half width and the Point of Beginning; thence along said east line N00°24'00"E, 328.09 feet to the north line of the south half of said Lot 22, as previously established; thence along said north line S89°33'24"E, 1264.09 feet to the east line of said "Supervisor's Plat No. 26"; thence along said east line S00°30'14"E, 328.13 feet to the southeast corner of said Lot 20, also being the northeast corner of Lot 55 of said "Eysters Beaver Gardens"; thence along the south line of said Lot 20, also being the north line of said "Eysters Beaver Gardens" N89°33'24"W, 1269.26 feet to the aforementioned east line of Livernois Road and the Point of Beginning. Containing 9.540 acres of land, more or less.

Exhibit B

The Site Plan and related plans referenced in Section 2.4 of the Conditional Rezoning Agreement are maintained in the records of the City of Troy, Michigan and are identified as follows:

Index of Drawings

Sheet #	Sheet Name	Issue/Revision Date
P-1.1	Topographic Survey – West	revised 8/23/2022
P-1.2	Topographic Survey – East	revised 8/23/2022
P-2.0	Preliminary Site Plan	revised 8/23/2022
P-3.0	Preliminary Grading Plan	revised 8/23/2022
P-4.0	Preliminary Utility Plan	revised 8/23/2022
P-5.0	Preliminary Pathway Plan	revised 8/23/2022
L-1	Landscape Planting Plan	revised 8/23/2022
L-2	Landscape Details	revised 8/23/2022
T-1.0	Tree Preservation Plan – West	revised 8/23/2022
T-1.1	Tree Preservation Plan -East	revised 8/23/2022
T-1.2	Tree Preservation List	revised 8/23/2022
T-1.3	Tree Preservation List	revised 8/23/2022
T-1.4	Tree Preservation List	revised 8/23/2022

SECTION 7: PDF OF SITE PLAN FOR SUBMIT: PRELIMINARY SITE PLANS

HOMESTEAL

CITY OF TROY, OAKLAND COUNTY, MICHIGAN 3364 LIVERNOIS ROAD







LANDSCAPE ARCHITECT

LANDSCAPE ARCHITECT

ARCHITECT

PEA GROUP
2498 ROCHESTER COURT, STE. 100
TROY, M 46083-1872
CONTACT. JOHN B. THOMPSON, PE
PHONE. B44 S17, 2349
EMAIL. JTHOMPSON/@PEAGROUP.COM

TABLEAU BY MCNDRAN 50216 SCHOENHERR SHELBY TWP., M 46316 CCNTACT: JOE MANACI PHONE: 588,728,7350 EMAL: JMANIACI@MONDRAN

CIMIL ENGINEER

OWNER/APPLICANT/DEVELOPER

DESIGN TEAM

PEAGROUP
48 W. GRAND
48 W. GRAND
51 W. A 4823
0 CFNOTI, MARERY DIETZEL RLA
CONTACT, MARERY DIETZEL RLA
CHONE 844 81,2369
PEMAIL KOBTZEL@PEAGROUP COM
P

MARTINI SAMARTINO DESIGN GROUP 200 EL LONG LAKE ROAD, SUITE 200 TROY, MI 48085 CONTACT. PAUL SAMARTINO PHONE: 248,524,6446 EMALE PSAMARTINO@HOTMAL.COM

	INDEX OF DRAWINGS
NUMBER	TITLE
	COVER SHEET
P.1.1	TOPOGRAPHIC SURVEY-WEST
P-12	TOPOGRAPHIC SURVEY-EAST
P 2.0	PRELIMINARY SITE PLAN
P 3.0	PRELIMINARY GRADING PLAN
P 4 0	PRELIMINARY UTILITY PLAN
P 5.0	PRELIMINARY PATHWAY PLAN
Ξ	LANDSCAPE PLANTING PLAN
2	LANDSCAPE DETAILS
T-10	TREE PRESERVATION PLAN - WEST
1.1.1	TREE PRESERVATION PLAN - EAST
T-12	TREE PRESERVATION LIST
113	TREE PRESERVATION LIST
T-1.4	TREE PRESERVATION LIST





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DATE 5/18/2022 8/11/2022 8/23/2022

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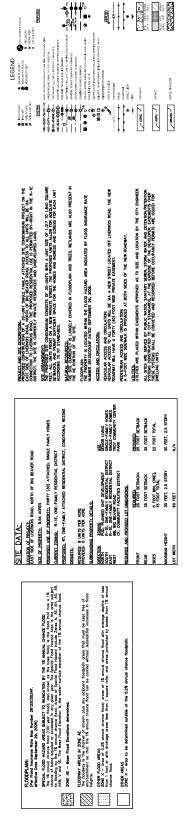
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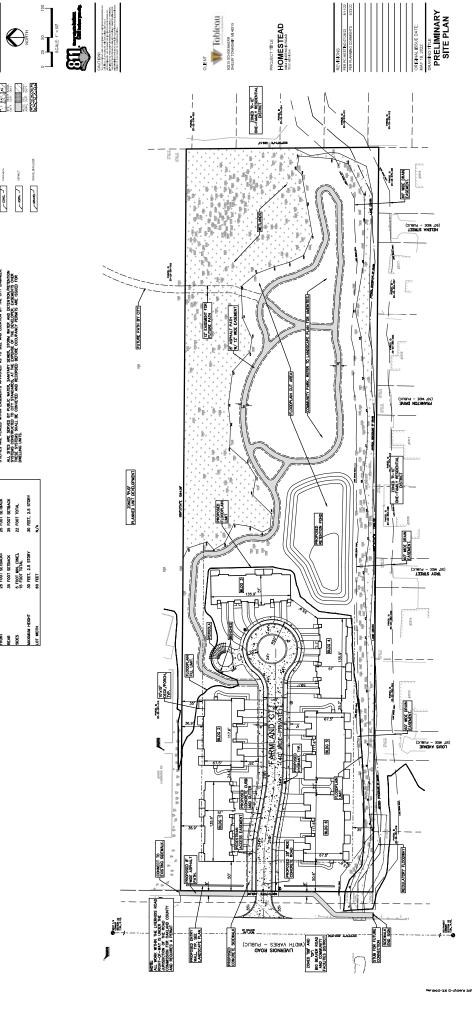
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28. LOT 25 EXCEPT WEST 20 FEET 28. LOT 25 EXCEPT NO. 28. SUPPLIED TO 25. LOT 25 EX PARCEL ID 20–22–301–009 TZN, R11E, SECTION 21 & 22 SUPERVISOR'S PLAT NO. 26, LOT 20 EXCEPT WEST 20 FEET 20-22-301-008 PARCEL ID 20-22-301-009 107 20 LEGAL DESCRIPTION (Per Oakland County On-line tax assessing) ***** ø, ş લું SEE SHEET
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P-2.0

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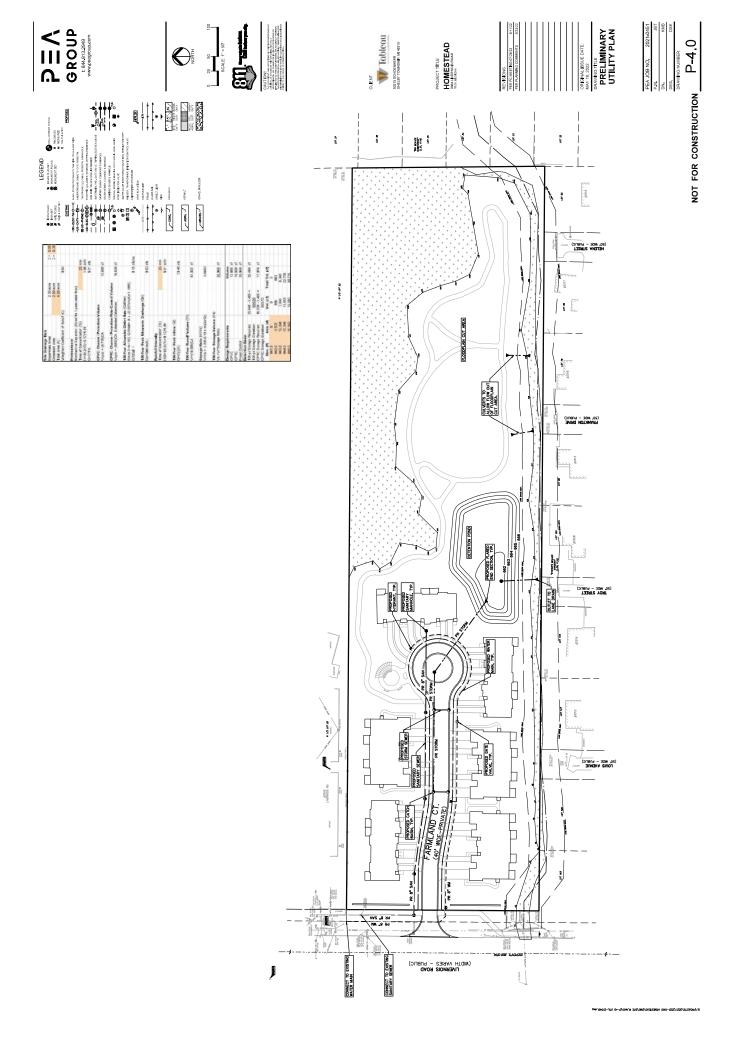
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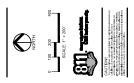
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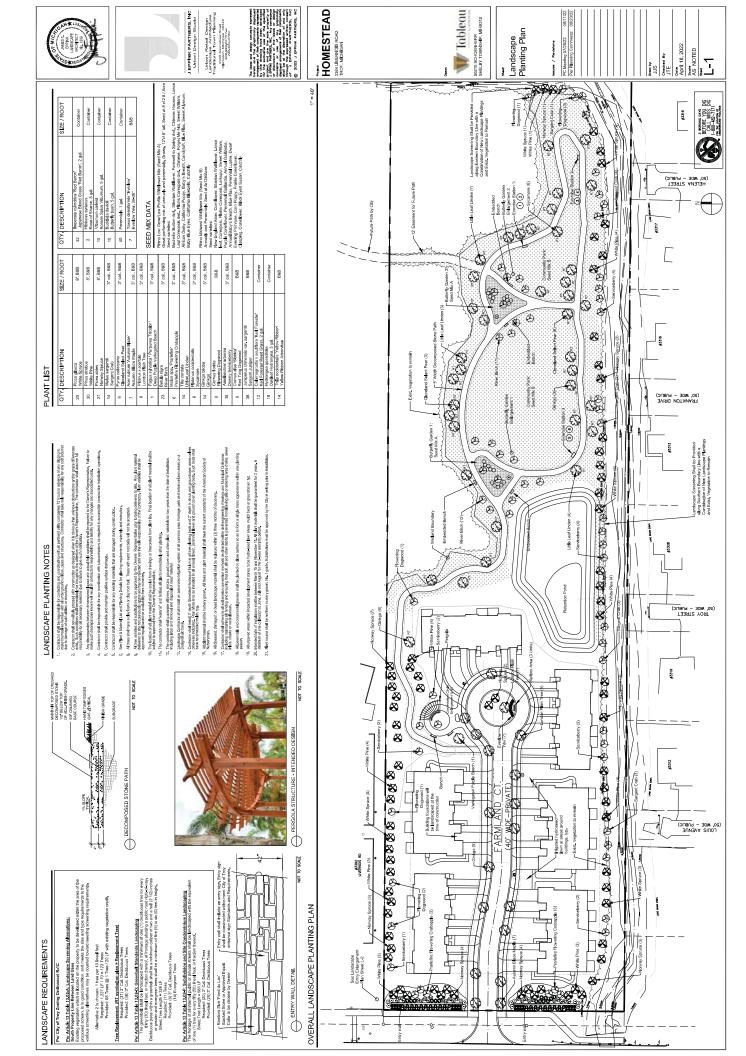


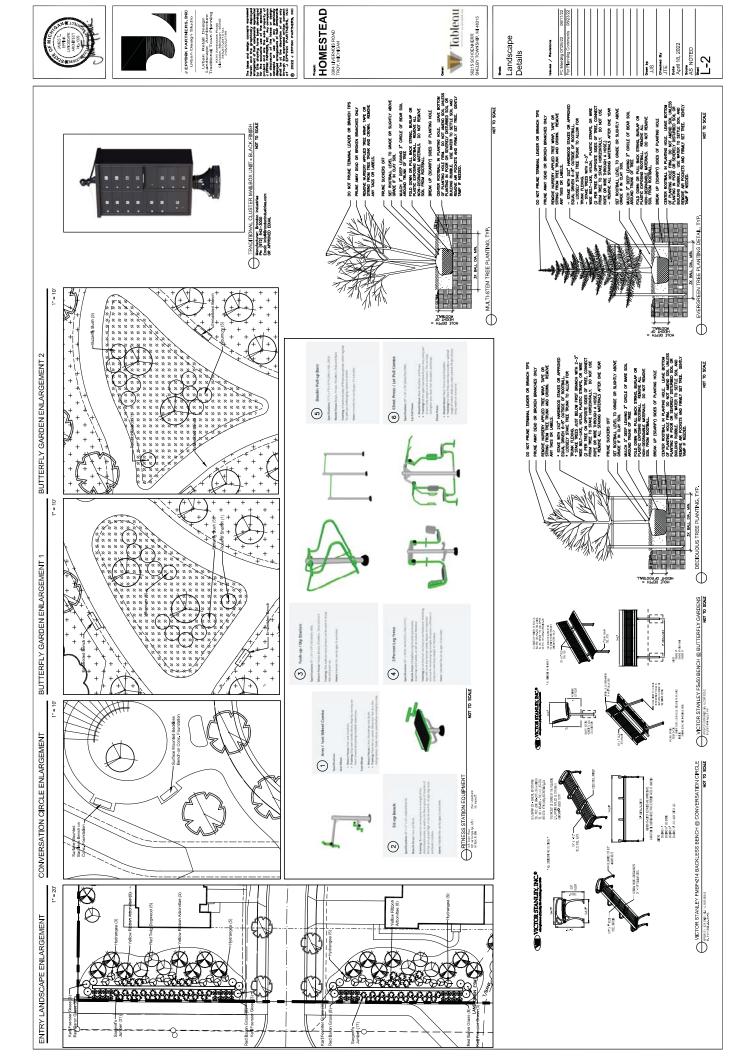
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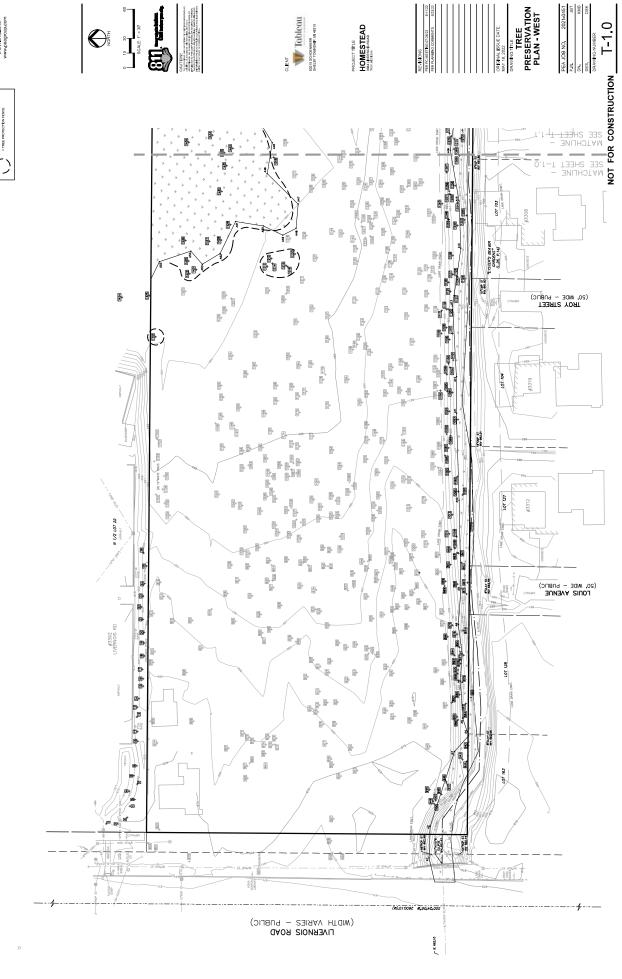
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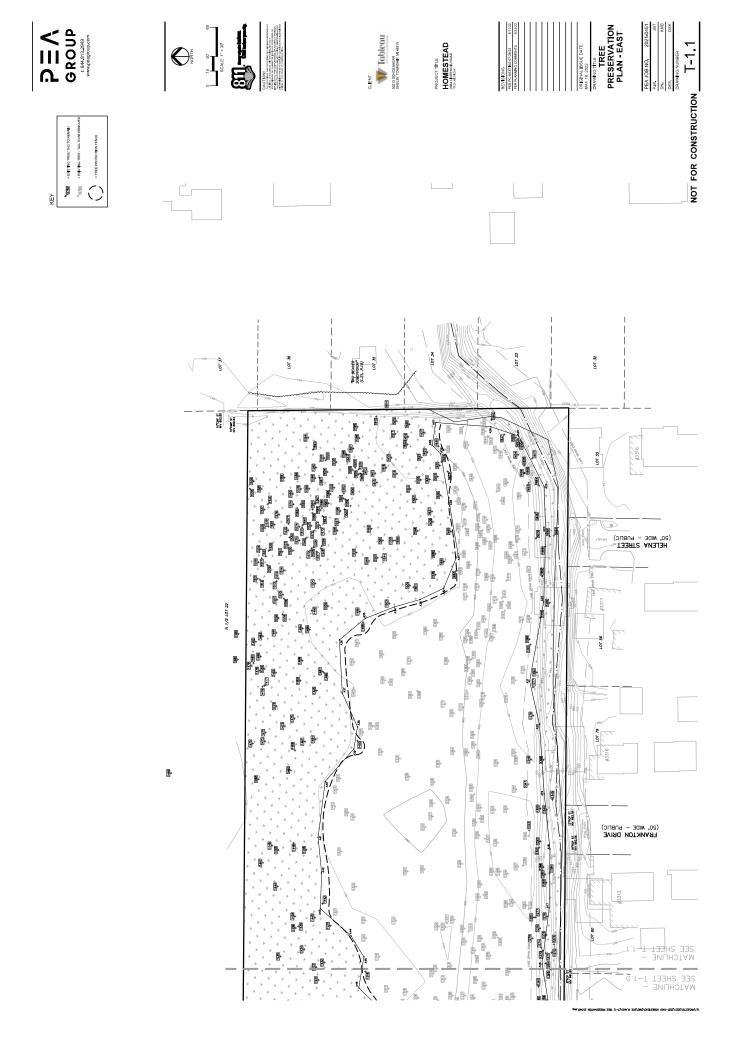
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PROJECT TITLE
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REVISIONS	PER PC MEET NG 07/26/22	PER PLANNING COMMENTS					

ORIGINAL ISSUE DATE: MAY 18, 2022	DRAWING TITLE TREE PRESERVATION LIST
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JOB NO 2021-0451

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2021-0451	JBT	KMB	DSK
PEA JOB NO.	P.M.	DN.	DES.

NOT FOR CONSTRUCTION

CITY OF TROY AN ORDINANCE TO AMEND CHAPTER 39 OF THE CODE OF THE CITY OF TROY

The City of Troy ordains:

Section 1. Short Title

This Ordinance shall be known and may be cited as the _____ amendment to the Zoning District Map of the Code of the City of Troy.

Section 2. Amendment

Section 4.02 of Chapter 39 is hereby amended to permit the zoning map of said code to be, and the same is hereby amended to delineate the subject parcel as RT (One Family Attached Residential), specifically parcels 88-20-22-301-007, 88-20-22-301-008 and 88-20-22-301-009.

The subject property is located on the east side of Livernois, north of Big Beaver, in section 22, within the R-1E (One Family Residential) District, being approximately 9.54 acres in size.

Section 3. Repeal

All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 4. Savings

All proceedings pending, and all rights and liabilities existing, acquired or incurred, at the time this Ordinance takes effect, are hereby saved. Such proceedings may be consummated under and according to the ordinance in force at the time such proceedings were commenced. This ordinance shall not be construed to alter, affect, or abate any pending prosecution, or prevent prosecution hereafter instituted under any ordinance specifically or impliedly repealed or amended by this ordinance adopting this penal regulation, for offenses committed prior to the effective date of this ordinance; and new prosecutions may be instituted and all prosecutions pending at the effective date of this ordinance may be continued, for offenses committed prior to the effective date of this ordinance, under and in accordance with the provisions of any ordinance in force at the time of the commission of such offense.

Section 5. Severability Clause

Should any work, phrase, sentence, paragraph or section of this Ordinance be held invalid or unconstitutional, the remaining provision of this ordinance shall remain in full force and effect.

Section 6. Effective Date

This amendment to the Zoning Ordinance shall take effect seven (7) days after publication, which shall be published within 15 days of adoption, as required the Michigan Zoning Enabling Act (Act 110 of 2006).

This Ordinance is enacted by the Council of the City of Troy, Oakland County, Michigan, at a regular meeting of the City Council held at City Hall, 500 W. Big Beaver, Troy, Michigan, on Monday, the 12th day of July, 2021.

Ethan Baker, Mayor	_
M. Aileen Dickson, MMC, CMMC City Clerk	

PUBLISHED:



CITY COUNCIL AGENDA ITEM

Date: September 19, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Rob Maleszyk, Chief Financial Officer

Dee Ann Irby, Controller

Emily Dumas, Library Director

Kurt Bovensiep, Public Works Director

Dennis Trantham, Facilities and Grounds Operations Manager

Emily Frontera, Purchasing Manager

Subject: Budget Amendment and Standard Purchasing Resolution 4 – Oakland County

Purchasing Cooperative – Troy Public Library Loading Dock Reconstruction

History

The Troy Public Library was constructed in 1971. The youth area, as it is known today, was home to the first permanent Troy Public Library. After many years of explosive growth, in the fall 1982 the library expansion began and was completed in 1985 to the facility that you see today. The loading dock was constructed as part of the 1985 expansion. Over the last several years there have been attempts to prolong the life of the loading dock as it has fallen into various stages of disrepair. The time has come where the loading dock needs complete reconstruction.

<u>Purchasing</u>

- Pricing to provide the labor, materials, and equipment for the Troy Public Library Loading Dock Reconstruction has been secured from *National Restoration*, of *Milford*, *MI* through the Oakland County Cooperative Purchasing Contract #005106 for an estimated amount of \$43,900 as detailed in the attached proposal dated August 8, 2022.
- City Council authorized participation in the Cooperative Purchasing Program on November 8, 2021 (Resolution #2021-11-160).

Financial

Funds are budgeted and available in the Library Buildings and Improvements Capital Fund, account number 401.790.7975.900 and associated Project Number 2023C0054 in the amount of \$25,000 for the 2023 fiscal year. This project will require a budget amendment of \$23,000 from the Library Fund balance to the Capital Fund account 401.790.7975.900 to cover the increased project cost.

Recommendation

City management recommends awarding a contract to *National Restoration, of Milford, MI* for the Troy Public Library Loading Dock Reconstruction for an estimated amount of \$43,900 and a contingency amount of \$4,100 as per the Oakland County Cooperative Purchasing Contract #005106, for a total project cost of \$48,000.

City Management further recommends that City Council approve a budget amendment to the Library Capital Fund, Account 401.790.7975.900 in the amount of \$23,000.

NATIONAL RESTORATION INC

2021 RECIPIENT OF THE GOVERNOR'S AWARD FOR HISTORIC PRESERVATION!

2165 Fyke Dr.

Milford, MI 48381

248-318-0609 Fax 248-714-6323
johnf@nationalrestoration.net
August 8, 2022

Its Not Luck, Its know How!
Licensed Builder

Mr. Dennis Trantham
Operations Manager, Facilities and Grounds
City of Troy, MI
500 West Big Beaver Road
Troy, MI 48084
248-524-3503, cell 586-219-7461
Dennis.trantham@troymi.gov

RE: Library Loading Dock

Mr. Trantham.

Per your request, we propose to provide all the needed labor, material, and equipment needed to complete the following items of work:

Scope of Work

- Mobilize
- Provide permits as required.
- Provide any needed barricades.
- Saw cut the section of concrete between the ramp and the loading dock slab.
- Remove the existing loading dock getting down to the foundation. Properly dispose of debris offsite.
- Lay new 8" block walls on the existing foundation. Dowel #4 rebar into the foundation every 32" O.C. and grout fill the block in those cells.
- Lay a brick veneer on the south elevation only. The new brick veneer will be properly flashed and have wall ties per industry standards. The new brick will match the brick on the library as close as possible.
- Back fill the dock area compacting every 6".
- Form and pour a new 4", concrete slab with wire reinforcement. The slab will be formed so there will be a minimum of 1" overhand beyond the masonry walls.
- Clean the masonry.
- Apply 2 coats of elastomeric coating to the two exposed block walls. Color by owner
- Cost is time and material not to exceed \$43,900.00 per our publicly bid contract with Oakland County MI

Exclusions:

- Prevailing wages
- Premium time

We appreciate the opportunity to provide you with the highest quality products and craftsmanship available. If you have any questions or concerns, please contact me. Sincerely,

John Fletcher, President

A Special Meeting of the Troy City Council was held on September 12, 2022, at City Hall, 500 W. Big Beaver Rd. Mayor Baker called the meeting to order at 6:00 PM.

A. ROLL CALL:

Mayor Ethan Baker
Edna Abrahim
Theresa Brooks
Rebecca A. Chamberlain-Creanga
Ann Erickson Gault
David Hamilton
Ellen Hodorek

C. PUBLIC COMMENT:

D. BUSINESS STATED IN THE SPECIAL MEETING NOTICE:

D-1 Revenue, Expenditures, and Changes in Fund Balances

City Manager Mark Miller welcomed everyone, and commented that this is the third meeting in our series prior to the Advance. He turned the discussion over to Assistant City Manager Bob Bruner.

Mr. Bruner began the discussion of the presentation Revenue, Expenditures, and Changes in Fund Balances.

Council Member Brooks questioned if we know how comparative communities are handling inflation. Mr. Bruner answered that he hasn't researched it, but he did share with Council a list of financial proposals from other communities and school districts that will be on the November ballot.

Council Member Brooks commented that Troy is one of the only communities without a Public Safety Millage, and it's interesting that a large percentage of our General Fund is spent on Public Safety. Mr. Bruner said that in survey results, public safety is always a top priority, so it's not surprising. Mayor Baker said he would like to see the structure of communities' budgets that have public safety millages. Chief Financial Officer Rob Maleszyk commented that the great recession started impacting communities in 2011, and the millages really started showing up in 2012-2013. He said that Sterling Heights, for example, did a "Safe Streets Millage" that included public safety and road repair around that time.

Council Member Chamberlain-Creanga commented that she thought the distribution of funding to public safety, as well as how budgets are structured when there is a dedicated public safety millage, is very interesting. She questioned what the load from the General Fund would be used for, such as capital needs. Mr. Bruner commented that the General Fund is the fund that provides loans, and the recent spike in loan money was for capital needs. Council Member Chamberlain-Creanga commented that we shouldn't be worried about Sanctuary Lake, because they will be repaying the loans to the General Fund down the road. Mr. Bruner

commented that there's no use in worrying, and that trends go up and go down, but the most important point is to remember that Fund Balance is not just a "rainy day fund". Mr. Miller added that it's important to notice the trends in golf usage, since it was lower during the pandemic but now has greatly increased. Mr. Maleszyk commented that he believes it's prudent to consider the loans to the Aquatic Center to be more of a write-off since they aren't expected to be repaid. He said that Sanctuary Lake is doing so well that financially they aren't needing as much Fund Balance as expected. Council Member Chamberlain-Creanga commented that she is interested in finding out how other communities structured their dedicated millages.

Council Member Hodorek commented that she remembers watching how other communities handled their dedicated library millages when Troy was considering a similar millage. She said that there were politics involved at that time, also, but other communities were able to navigate through those challenges. She said that there were a lot of really smart, fiscally responsible decisions made by Troy during that time, and she doesn't think that the same challenges exist today, but it's very difficult to compare us to other communities. She commented that the Aquatic Center has so many challenges, and that is what causes her to wonder how to sustain that facility.

Mr. Bruner commented that in 2021, Troy is one of only three cities in the presentation tonight where the city portion of the tax bill is the smallest portion of the tax bill (along with Orchard Lake and Romulus.)

Council Member Hamilton commented that Troy may get to the point where the decision will need to be made by the voters that we either have a dedicated millage for the Aquatic Center, or it would have to close.

Council Member Abrahim commented during the slides covering the unadjusted and adjusted fund revenues, the fact that our revenue hasn't changed much in 20 years is really highlighted. She said that when the questions come up as to why some communities do things that Troy doesn't do, these slides are exactly the reasons. She commented that the answers are only to adjust revenues, or adjust expenditures to make room for other expenditures.

Council Member Hodorek commented that the questions from residents are understandable, and looking at these slides it's obvious why Troy can't do things that other cities can do. Mr. Maleszyk commented that once ARPA funds are spent, and other cities received a lot more than Troy, residents will be wondering again why Troy can't do what other cities do.

Council Member Erickson Gault commented that in these charts, we see that expenditures are catching up to where we were, but revenue is not catching up, so some areas like recreation are suffering because of the lower revenue available to spend on services. She commented that most cities that Troy is compared to have a public safety millage of some sort, but she wondered how much their millages are, and it would be interesting to see how many times those millages have been increased since the initial adoption of the millage.

Mayor Baker commented that each Member of Council will have different views of the information in the presentation, but it sounds like they're on the same page as to the information provided. He commented that one of his concerns is the long-term effects of the pandemic on the taxable value of commercial property. City Assessor Kelly Timm said that there is a large gap between assessed and taxable value for commercial properties, and they are likely to see a reduction in assessed value, but the taxable value will go up. Mr. Bruner said

that residential property values are back to pre-recession levels. Mr. Miller commented that people wanting to downsize are actually staying in their home because of the increased taxes for a smaller home.

Mayor Baker commented that there were questions about funding for the Aquatic Center, such as keeping it as an Enterprise Fund, and he wondered if those had been answered. Mayor Baker commented that it may not matter what other communities do, since Troy is so unique. Mr. Bruner commented that they are collecting data, and it will be interesting, but it won't be the only answer to the question of what Troy should do. He commented that community engagement will help the Troy solution emerge.

Mr. Bruner commented that he is working on the next presentation showing the effects of capping and uncapping specific tax bills, to show how it affects residents. He said he will add in some information about tax rates and tax bases. Mayor Pro Tem Erickson Gault suggested a Headley/Prop-A refresher. Mr. Bruner commented that he is trying to avoid talking about those two subjects by name, but instead he will talk about those two subjects by using very specific examples.

E.	OTHER BUSINESS:	
F.	ADJOURNMENT:	
The	Meeting ADJOURNED at 7:10 PM.	
		Mayor Ethan Baker
		•
		M. Aileen Dickson, MMC, MiPMC II

City Clerk

2022 SCHEDULED SPECIAL CITY COUNCIL MEETINGS:

October 3, 2022Futu	re Budge	t Planning
November 19, 2022	ity of Tro	y Advance

2022 SCHEDULED REGULAR CITY COUNCIL MEETINGS:

September 12, 2022	Regular Meeting
September 19, 2022	Regular Meeting
October 3, 2022	Regular Meeting
October 24, 2022	Regular Meeting
November 14, 2022	Regular Meeting
November 21, 2022	
December 5, 2022	Regular Meeting
December 12, 2022	-

Pastor Simion Timbuc from Bethesda Romanian Pentecostal Church performed the Invocation. The Pledge of Allegiance to the Flag was given.

A. CALL TO ORDER:

A Regular Meeting of the Troy City Council was held on September 12, 2022, at City Hall, 500 W. Big Beaver Rd. Mayor Baker called the meeting to order at 7:31 PM.

B. ROLL CALL:

a) Mayor Ethan Baker
Edna Abrahim
Theresa Brooks
Rebecca A. Chamberlain-Creanga
Ann Erickson Gault
David Hamilton
Ellen Hodorek

C. CERTIFICATES OF RECOGNITION AND SPECIAL PRESENTATIONS:

C-1 Proclamation Celebrating Atharva Dharphale, Zachary Balcoff, and Alicia Wang for Winning Top Honors in the 2022 Oakland County Finance Literacy Art Contest

D. CARRYOVER ITEMS:

D-1 No Carryover Items

E. PUBLIC HEARINGS:

E-1 No Public Hearings

- F. PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:
- G. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:
- H. POSTPONED ITEMS:

H-1 No Postponed Items

I. REGULAR BUSINESS:

I-1 Board and Committee Appointments: a) Mayoral Appointments – None; b) City Council Appointments – Parks and Recreation Board

- a) Mayoral Appointments: None
- b) <u>City Council Appointments</u>:

Resolution #2022-09-121 Moved by Erickson Gault Seconded by Brooks

RESOLVED, That Troy City Council hereby **APPOINTS** the following nominated person(s) to serve on the Boards and Committees as indicated:

Parks and Recreation Board

Appointed by Council

7 Regular Members and 1 Troy School Board of Education Representative Regular Member: 3 Year Term / Troy School Board Member: 1 Year Term

Nominations to the Parks and Recreation Board:

		Troy School Board
Term Expires : 7/31/2023	Timothy Fulcher	of Education Rep.

Term currently held by: Timothy Fulcher

Term Expires: 7/31/2023 Aanya Shah Student

Term currently held by: Akshitha Sahu

Yes: All-7 No: None

MOTION CARRIED

I-2 Board and Committee Nominations: a) Mayoral Nominations – Local Development Finance Authority, Volunteer Firefighter Incentive Plan Board; b) City Council Nominations – Traffic Committee

a) <u>Mayoral Nominations</u>:

Resolution #2022-09-122 Moved by Baker Seconded by Erickson Gault

RESOLVED, That the Mayor of the City of Troy hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

Local Development Finance Authority (LDFA)

Appointed by Mayor 5 Regular Members Staggered 4 Year Term

Nominations to the Local Development Finance Authority (LDFA):

Term Expires: 6/30/2024 Jim Schmitz Resident Member

Term currently held by: Vacant– D. Shields–No Reappointment

Yes: All-7 No: None

MOTION CARRIED

Resolution #2022-09-123 Moved by Baker Seconded by Abrahim

RESOLVED, That the Mayor of the City of Troy hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

Volunteer Firefighter Incentive Plan Board

Appointed by **Mayor**/City Council
7 Regular Members
3 Year Term

Nominations to the Volunteer Firefighter Incentive Plan Board:

Term Expires: 4/30/2025 Gina Cetnar Citizen (Mayor Appt'd)

Term currently held by: Anthony Rosenblum

Yes: All-7 No: None

MOTION CARRIED

b) <u>City Council Nominations</u>:

Resolution #2022-09-124 Moved by Erickson Gault Seconded by Chamberlain-Creanga

RESOLVED, That Troy City Council hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

Traffic Committee

Appointed by Council
7 Regular Members
3 Year Term

Nominations to the Traffic Committee:

Term Expires: 1/31/2025 Shama Kenkre

Term currently held by: Sunil Sivaraman

Yes: All-7 No: None

MOTION CARRIED

I-3 Request for Closed Session

Resolution #2022-09-125 Moved by Baker Seconded by Hodorek

RESOLVED, That Troy City Council **SHALL MEET** in Closed Session pursuant to MCL 15.268(a).

Yes: All-7 No: None

MOTION CARRIED

I-4 Budget Amendment and Standard Purchasing Resolution 4: Oakland County and OMNIA Partners Purchasing Cooperatives – Historic Village Chapel Handicap Ramp Reconstruction and Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Handicap Ramp Railing Materials and Installation (Introduced by: Dennis Trantham, Facilities and Grounds Operations Manager)

Resolution #2022-09-126 Moved by Abrahim Seconded by Brooks

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *National Restoration* of *Milford, MI*, for the Historic Village Chapel Ramp Reconstruction for an estimated cost of \$81,500 per the Oakland County Cooperative Purchasing Contract #005106 with a 10% contingency; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That Troy City Council hereby **AWARDS** a contract to *Home Depot* for the Historic Village Chapel Ramp Railing and Materials for an estimated cost of \$9,500 per the OMNIA Partners Cooperative Purchasing Contract #16154 with a 10% contingency; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** expending budgeted Capital Funds for additional materials and installation for an estimated cost of \$3,000 with a 10% contingency; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** a budget amendment in the amount of \$27,400 to the Museum Capital Fund.

BE IT FINALLY RESOLVED, That the awards are **CONTINGENT** upon the submission of properly executed contract documents, insurance certificates and all other specified requirements.

Yes: All-7 No: None

MOTION CARRIED

I-5 Budget Amendment and Standard Purchasing Resolution 4: Oakland County and OMNIA Partners Purchasing Cooperatives – Phase II HVAC Upgrades and Boiler Replacement, and Building Management System Controls Integration at the Troy Community Center (Introduced by: Dennis Trantham, Facilities and Grounds Operations Manager)

Resolution #2022-09-127 Moved by Hodorek Seconded by Chamberlain-Creanga

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** contracts to *Limbach Inc. of Pontiac, MI,* for Phase II HVAC Upgrades and Boiler Replacements at the Community Center, for an estimated cost of \$987,177 as detailed in the attached proposals and per the Oakland County Cooperative Purchasing Contract #009746 with a 10% contingency.

WAIVES the bid process and **AWARDS** a contract to *MCMI Facility Automation* of *Sterling Heights, MI*, for Building Management System Controls Integration at the Community Center, for an estimated cost of \$107,000 as detailed in the attached proposal and per the OMNIA Partners Cooperative Purchasing Contract #R220703 with a 10% contingency.

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** budget amendments in the amount of \$103,600 to the Community Center Capital Project Fund.

BE IT FINALLY RESOLVED, That the awards are **CONTINGENT** upon the submission of properly executed contract documents, including insurance certificates and all other specified requirements.

Yes: All-7 No: None

MOTION CARRIED

I-6 2022 Appointment of Voting Delegate and Alternate to the Michigan Municipal League

CITY COUNCIL MINUTES-Draft

Resolution #2022-09-128 Moved by Hamilton Seconded by Chamberlain-Creanga

BE IT RESOLVED, That City Council hereby **APPOINTS** Council Member Hamilton to be the voting delegate and Council Member Chamberlain-Creanga to be the alternate for the Michigan Municipal League 2022 Annual Meeting being held at 4:30pm on Wednesday, October 19, 2022 in Section D meeting room at the VanDyke Mortgage Convention Center, Muskegon, MI.

Yes: All-7 No: None

MOTION CARRIED

J. CONSENT AGENDA:

J-1a Approval of "J" Items NOT Removed for Discussion

Resolution #2022-09-129-J-1a Moved by Abrahim Seconded by Hodorek

RESOLVED, That Troy City Council hereby **APPROVES** all items on the Consent Agenda as presented.

Yes: All-7 No: None

MOTION CARRIED

J-1b Address of "J" Items Removed for Discussion by City Council

J-2 Approval of City Council Minutes

Resolution #2022-09-129-J-2

RESOLVED, That Troy City Council hereby **APPROVES** the following Minutes as submitted:

- a) Special City Council Minutes-Draft August 22, 2022
- b) City Council Minutes-Draft August 22, 2022

J-3 Proposed City of Troy Proclamations:

Resolution #2022-09-129-J-3

a) Proclamation Celebrating Cornerstone Community Financial Credit Union for their Partnership with Children's Hospital of Michigan

- J-4 Standard Purchasing Resolutions:
- a) Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications Sidewalk Replacement and Installation Program, and Manhole Rehabilitation

Resolution #2022-09-129-J-4a

RESOLVED, That Troy City Council hereby **AWARDS** a one (1) year contract with the option to renew for two (2) additional years to the low bidder meeting specifications, *DiLisio Contracting of Clinton Township, MI*, to provide Sidewalk Replacement Services not to exceed budgetary limitations at the unit prices as detailed in the bid tabulation opened August 18, 2022, a copy of which shall be **ATTACHED** to the original Minutes of this meeting, and as detailed below by year; with the contract expiring June 30, 2025.

1 Yr. Contract	<u>Amount</u>	
Contract year 1	\$	750,000.00
Year 1 Renewal	\$	750,000.00
Year 2 Renewal	\$	750,000.00
Total for 3-year Contract	\$ 2	2,250,000.00

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the contractor's submission of properly executed bid and contract documents, including bonds, insurance certificates and all other specified requirements.

 Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – Parking Lot Maintenance Program – Lloyd Stage Nature Center, Fire Station #2, and City Hall East Parking Lot

Resolution #2022-09-129-J-4b

RESOLVED, That Troy City Council hereby **AWARDS** a contract to the low bidder meeting specifications, *Asphalt Specialists, Inc. of Pontiac, MI,* to provide Parking Lot Maintenance at Lloyd Stage Nature Center, Fire Station #2, and City Hall East Parking Lot for an estimated cost of \$357,241.95 with a 25% contingency for an estimated total cost of \$446,552.44, not to exceed budgetary limitations, at the unit prices as detailed in the bid tabulation opened August 18, 2022, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the contractor's submission of properly executed bid and contract documents, including bonds, insurance certificates and all other specified requirements.

c) Standard Purchasing Resolution 4: MiDEAL Cooperative Purchasing Agreement – Police & Fire Fleet Vehicles

Resolution #2022-09-129-J-4c

RESOLVED, That Troy City Council hereby **AWARDS** contracts to purchase one (1) 2022 Ford Escape and one (1) 2022 Ford F150 Pickup Truck from *Gorno Ford of Woodhaven, MI,* for the Police and Fire Departments as per the MiDEAL Cooperative Contract #071B7700181, for an estimated total cost of \$74,905.00; not to exceed budgetary limitations.

d) Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Historic Village Alarm System Replacement

Resolution #2022-09-129-J-4d

RESOLVED, That Troy City Council hereby **APPROVES** expending budgeted funds to *Vigilante Security, Inc.* of *Troy, MI,* (Resolution #2007-12-340), for the Historic Village Alarm System Replacement for an estimated cost of \$35,370 as detailed in the attached proposal; not to exceed budgetary limitations.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed contract documents, including insurance certificates and all other specified requirements.

e) Standard Purchasing Resolution 4: Sourcewell Cooperative Purchasing Contract – Beach Road Park Play Structure and Swing Replacement

Resolution #2022-09-129-J-4e

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *We Build Fun of Allen, TX*, for the Beach Road Park Play Structure Replacement for an estimated cost of \$218,160 as detailed in the attached quote and per the Sourcewell Cooperative Purchasing Contract #010521-*LTS-3* with a 10% contingency; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed contract documents, insurance certificates, and all other specified requirements.

f) Standard Purchasing Resolution 4: Sourcewell Cooperative Purchasing Contract – Flynn Park Play Structure Replacement

Resolution #2022-09-129-J-4f

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *We Build Fun of Allen, TX*, for the Flynn Park Play Structure Replacement for an estimated cost of \$133,795 as detailed in the attached quote and per the Sourcewell Cooperative Purchasing Contract #010521-*LTS*-3 with a 10% contingency; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed contract documents, insurance certificates, and all other specified requirements.

g) Standard Purchasing Resolution 4: MiDEAL Cooperative Purchasing Contract – City Manager's Office Additional Work Stations – Installation and Furniture

Resolution #2022-09-129-J-4g

WHEREAS, The City Manager's Office has substantial unused office space; and,

WHEREAS, Funding for the project was budgeted for this fiscal year;

THEREFORE, BE IT RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **APPROVES** a contract to purchase and install office furniture for 2 work spaces for the City Manager's Office Area to *ISCG, Inc. of Royal Oak, MI,* for an estimated total amount of \$13,775.06 as detailed in the attached proposal and as per the State of Michigan MiDEAL Cooperative Purchasing Contract #22000000043.

J-5 2022-2023 Winter Maintenance Agreement with Road Commission for Oakland County

Resolution #2022-09-129-J-5

RESOLVED, That Troy City Council hereby **APPROVES** the 2022-2023 Winter Maintenance Agreement between the Road Commission for Oakland County and the City of Troy for Snow and Ice Control of county roads, which are described and outlined in Exhibit A, and the Mayor and City Clerk are **AUTHORIZED** to execute the necessary documents; a copy of this agreement, which is authorized by the provisions of 1951 PA 51 (MCL 247.651 et seq), shall be **ATTACHED** to the original Minutes of this meeting.

J-6 Fiscal Year 2023 SMART Municipal Credit and Community Credit Contract

Resolution #2022-09-129-J-6

RESOLVED, That Troy City Council hereby **APPROVES** the agreement between the Suburban Mobility Authority for Regional Transportation (SMART) and the City of Troy for the Municipal Credit and Community Credit Agreement, which will be used for the Troy RYDE transportation service, and **AUTHORIZES** the Mayor and City Clerk to execute the necessary documents, a copy of this agreement shall be **ATTACHED** to the original Minutes of this meeting.

J-7 Request to Temporarily Waive Parking Restrictions

Resolution #2022-09-129-J-7

RESOLVED, That Troy City Council hereby **WAIVES** the no parking restrictions on the east side of Northfield Parkway from the parking lot entrance to Congregation Shir Tikvah to the entrance to Boulan Park, as follows:

Sunday, September 25th from 7:00 p.m. to 11:00 p.m. Monday, September 26th from 9:00 a.m. to 11:00 p.m. Tuesday, October 4th from 7:00 p.m. to 11:00 p.m. Wednesday, October 5th from 9:00 a.m. to 9:00 p.m.

J-8 First Amendment to Agreement for Parking Lot Maintenance – Meadows of Troy

Resolution #2022-09-129-J-8

WHEREAS, Troy City Council granted approval for the Meadows of Troy cluster development in Section 1, which is located north of Square Lake and east of John R. Road; and,

WHEREAS, As a condition of approval for the Meadows of Troy cluster development, City Council required the Developer to submit a parking lot maintenance agreement for a 13-space gravel parking lot associated with the development; and,

WHEREAS, The City Council approved an Agreement for Parking Lot Maintenance at its meeting on September 13, 2021, Resolution #2021-09-135, and this Agreement was recorded with the Oakland County Register of Deeds; and,

WHEREAS, Subsequent to the recordation, the Developer is seeking modifications to the Agreement to make minor modifications to the legal description of the parking lot and the access drive;

NOW, THEREFORE, BE IT RESOLVED, That Troy City Council hereby **APPROVES** the attached First Amendment to the Agreement for Parking Lot Maintenance for the Meadows of Troy cluster development, and **AUTHORIZES** the Mayor and City Clerk to execute these documents on behalf of the City of Troy.

BE IT FURTHER RESOLVED, That, if approved, the Developer **SHALL BE RESPONSIBLE** for recording the First Amendment to the Agreement for Parking Lot Maintenance with the Oakland County Register of Deeds as soon as possible.

J-9 Private Agreement – Contract for Installation of Municipal Improvements – Adler Cove Site Condominium Development – Project No. 22.904.3

Resolution #2022-09-129-J-9

RESOLVED, That Troy City Council hereby **APPROVES** the Contract for the Installation of Municipal Improvements (Private Agreement) between the City of Troy and Mondrian Properties for the installation of Water Main, Sanitary Sewer, Storm Sewer, Detention Pond, Concrete Road and Sidewalk, and the Mayor and City Clerk are **AUTHORIZED** to execute the documents, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

J-10 Local Critical Infrastructure Planning Grant

Resolution #2022-09-129-J-10

RESOLVED, That Troy City Council hereby **APPROVES** the Interlocal Agreement between the City of Troy and the Board of Commissioners of the County of Oakland for the Local Critical Infrastructure Planning Grant in the amount of \$100,000 at an estimated cost to the City of Troy of \$100,000 for the updates to the City's Master Sanitary Sewer and Storm Sewer Plans, and the Mayor and City Clerk are **AUTHORIZED** to execute the agreement, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

K. MEMORANDUMS AND FUTURE COUNCIL AGENDA ITEMS:

K-1 Announcement of Public Hearings:

- a) September 19, 2022 Conditional Rezoning (CRJPLN2022-001) Proposed Homestead Condominiums, East Side of Livernois, North of Big Beaver (PIN #88-20-22-301-007, -008, -009), Section 22, From R-1E (One Family Residential District) to RT (One Family Attached Residential District
- K-2 Memorandums (Items submitted to City Council that may require consideration at some future point in time): None Submitted

L. PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:

Prakash Patel	Commented on the need for more screening trees at the edge of Sanctuary Lake Golf Course
Steve Asvitt	Commented on the need for more screening trees at the edge of Sanctuary Lake Golf Course
Robert Maddox	Commented that he would like the banners to return to Big Beaver Corridor

M. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:

Mayor Baker said that they are working on some redesign concepts in the Big Beaver Corridor and he agreed that he would like to see the banners returned.

Mayor Baker asked City Manager Miller to provide an update about the tree issues with Sanctuary Lake Golf Course. City Manager Miller said Mr. Goul is working with the golf course management company to look at what they will replant in that area and they will come back with a report to City Council.

Council Member Hodorek asked about the timing of the planting. Mr. Miller said that are seeking to plant this fall.

Council Member Abrahim asked what avenues can residents take to address the misbehavior incidents when they occur. Mr. Miller said the residents should contact the Non-Emergency Police Department number to report these incidents. Mayor Baker asked if the golf course management company can address any conduct issues. Mr. Miller said they will work with Indigo on the situation.

N. COUNCIL REFERRALS:

Items Advanced to the City Manager by the Mayor and City Council Members for Placement on the Agenda

N-1 No Council Referrals Submitted

O. REPORTS:

O-1 Minutes – Boards and Committees: None Submitted

O-2 Department Reports:

- a) Park Sign Replacement Costs
- b) Single Family Home Rental Program

Noted and Filed

O-3 Letters of Appreciation:

- a) To Troy Family Aquatic Center Staff from Sal Trupiano Regarding a Great TFAC Season Noted and Filed
- **O-4** Proposed Proclamations/Resolutions from Other Organizations: None Submitted

P. COUNCIL COMMENTS:

P-1 Council Comments

Council Member Hamilton asked for an update on the GLWA outdoor irrigation restrictions. Mr. Bovensiep briefly explained the history of the situation and said the restriction was extended due to a delay with the repair. He said GLWA will have the restriction in place until September 21, 2022, when they anticipate the testing on the new main to be completed. Council Member Hamilton asked how to prevent something like this from happening in the future. Mr. Bovensiep said a lot has changed since GLWA took over Detroit Water & Sewer and there are major infrastructure projects in the future to increase the reliability of the system. He added that Troy has made improvements in Troy to increase the reliability on the local level. Mayor Baker asked Mr. Bovensiep for a refresher on the water usage. Mr. Bovensiep said 23 communities receive water from Port Huron and are now receiving water from Detroit. He said the stress on the main in Detroit is at capacity so GLWA initiated the water restriction to prevent failure of the main and keep water running for residents and businesses.

Council Member Brooks announced that Troy Youth Soccer League (TYSL) is having a Soccer Fest on Saturday, September 17, 2022, and residents may contact TYSL for more information.

Mayor Baker announced that Troy Family Daze starts on Thursday, September 15, 2022 through Sunday, September 18, 2022. He said the Naturalization Ceremony is on Thursday evening, fireworks on Sunday, and rides and events all weekend. He said they are also having a 5K run/walk on Sunday.

Mayor Baker announced the start of registrations for the Annual Frightful 5K. He said it's a great family-friendly event and he encourages everyone to attend.

Q. PUBLIC COMMENT FOR ITEMS ON OR NOT ON THE AGENDA FROM MEMBERS OF THE PUBLIC OUTSIDE OF TROY (NOT RESIDENTS OF TROY AND NOT FROM TROY BUSINESSES):

The Meeting **RECESSED** at 8:24 PM.

The Meeting **RECONVENED** at 8:34 PM.

R. CLOSED SESSION

R-1 Closed Session

S. ADJOURNMENT:

The Meeting **ADJOURNED** at 9:09 PM.

Mayor Ethan Baker

M. Aileen Dickson, MMC, MiPMC II City Clerk

2022 SCHEDULED SPECIAL CITY COUNCIL MEETINGS:

October 3, 2022	Future Budget Planning
November 19, 2022	City of Troy Advance

2022 SCHEDULED REGULAR CITY COUNCIL MEETINGS:

September 19, 2022	Regular Meeting
October 3, 2022	-
October 24, 2022	
November 14, 2022	
November 21, 2022	
December 5, 2022	
December 12, 2022	

PROCLAMATION CELEBRATING THE MICHIGAN YOUTH VOLUNTEERING ALLIANCE

WHEREAS, The Michigan Youth Volunteering Alliance (MYVA) is a group of aspiring individuals aiming to bring a positive change to the lives of citizens in their communities and to motivate other youth to do the same; and

WHEREAS, MYVA provides many volunteering opportunities for young people ages 8-17 and sincerely wish to inspire as many people as possible to contribute to the same causes, and to help **Michigan Youth Volunteering Alliance** expand and improve society; and

WHEREAS, From Sept 2020, the **MYVA** members successfully volunteered for 448 hours. They are a proud recipient of the Heartwarming project grant from Youth Service America and recipients of National Community Service Awards – Ambassador Awards; and

WHEREAS, Projects the **MYVA** members worked on in 2020 included Troy Nature Center fall clean-up, animal rescue donation drive, can and bottle drive, Meals on Wheels deliveries, raking leaves for seniors, putting together Care House DIY cleaning kits, virtual tutoring, Treats for Troops, and virtual reading to children; and

WHEREAS, In 2021 the MYVA members delivered supplies to animal shelters, conducted food donation drives, delivered food to local food banks including Gleaners and Forgotten Harvest, held a toy wrapping event, adopted a road clean-up, raked leaves for seniors, delivered Meals on Wheels, participated in Global Youth Day by holding a food drive for Zaman International and completing a Hershey's Grant project, collected candy for soldiers, and wrapped toys for children with cancer; and

WHEREAS, In 2022 the MYVA members continued with delivering Meals on Wheels, held a winter coat drive, and will continue with many additional projects throughout the rest of this year. MYVA also provides financial literacy programs for their members to promote financial responsibility and independence among youth. Participants learn how to manage a checking account, create a budget, save and invest, start small businesses and pay for college; and

WHEREAS, Special recognition, sincere thanks and commendation is due to MYVA Members Bhuvan Ashokumar, Ashna Atukuri, Siddhant Bhirud, Sharvayu Chavan, Yamen Fargaly, Atul Ganesh, Anna George, Nidhi Ikkurthy, Niya Ikkurthy, Aahana Jain, Jay Jayadeep, Rebecca Johnson, Akhil Kadari, Neel Kariat, Kevin Mathews, Vishnu Nair, Saran Nimmagadda, Prisha Pachpande, Akshara Palanisamy, Akshaya Palanisamy, Karthik Prasant, Akshaya Rachamadugu, Adhvaith Rajanish, Dennis Sebastian, Varin Senthil, Arin Soni, Armaan Soni, Ayush Sundaram, Niveda Suresh, Nivin Suresh, Natalie Tallu, Tara Tallu, Krishna Thotakura, Kalyani Velayudham, and Sanika Vemali;

NOW, THEREFORE, BE IT RESOLVED, That the Mayor and City Council of the City of Troy hereby applaud and congratulate the **Michigan Youth Volunteering Alliance members** for their dedication to making our world a better place by donating their time and talents to many local non-profit organizations; and

BE IT FURTHER RESOLVED, That the Mayor and City Council of the City of Troy invite all residents to recognize and celebrate the commitment and dedication of the **Michigan Youth Volunteering Alliance** and thank them for all they have done and will continue to do for the Troy Community and beyond.

Presented this 3rd Day of October 2022



Date: September 12, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Rob Maleszyk, Chief Financial Officer

Dee Ann Irby, Controller

Brian Goul, Recreation Director

Kurt Bovensiep, Public Works Director

Dennis Trantham, Facilities and Grounds Operations Manager

Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4: Sourcewell Cooperative Purchasing Contract –

Community Center Preschool Play Structure Replacement

History

The Community Center was opened in 2002.

- One of the programs that is provided at the Community Center is Rainbow Preschool.
- The Rainbow Preschool provides early learning opportunities to over 100 children annually.
- The play structure being replaced is utilized by the students enrolled in Rainbow Preschool during the school year and available to the public after hours and during summer months.
- The 2020-2024 Parks and Recreation Master Plan revealed that 98.9% of the respondents listed maintaining the existing recreation facilities as important or very important to their families.
- The 2020-2024 Parks and Recreation Master Plan also identified playground structures in the top 5 requests.
- The existing play structure and safety surface has reached the end of life, frequently requiring costly repairs.
- The existing "poured in place" surface will be replaced with a natural turf-like safety surface providing 8' of fall protection.
- Installation will be coordinated to minimize program impact.

<u>Purchasing</u>

- Pricing has been secured from We Build Fun of Allen, TX, based on the Miracle Recreation –
 PlayPower, Inc. Sourcewell Cooperative Purchasing Contract #010521-LTS-3, for the
 materials, engineered drawings, delivery, and installation of the play structure (see attached
 rendering).
- Play structure has a 20+ week lead time.
- City Council authorized participation in the Cooperative Purchasing Program on November 8, 2021 (Resolution #2021-11-160).



Financial

Funds are budgeted and available in the Community Center Capital Fund under Project Number 2023CG001 for the 2023 fiscal year. Expenditures will be charged to account number 401.752.755.7975.125. This project will be eligible for a \$50,000 reimbursement from a Child Care Stabilization grant received through the Michigan Department of Education.

Recommendation

City Management recommends the bid process be waived and a contract be awarded to *We Build Fun of Allen, TX* for the Community Center Preschool Play Structure Replacement for an estimated cost of \$134,146 with a 10% contingency as detailed in the attached quote and per the Sourcewell Cooperative Purchasing Contract #010521-LTS-3; not to exceed budgetary limitations.



Troy Community Center Preschool Playground City of Troy, MI WBF-MI-220183A-1A



Green





Troy Community Center Preschool Playground City of Troy, MI WBF-MI-220183A-1A



Green





Decks



Metals



Red



Yellow





Plastics



Blue







Actual colors may vary. We work hard to ensure are our renderings are as life like

Troy Community Center Preschool Playground City of Troy, MI WBF-MI-220183A-1A







Decks



Metals



Red







Brown

Plastics









Actual colors may vary. We work hard to ensure are our renderings are as life like







2-5 PLAY AREA LEVATED PLAY ACTIVITIES - TOTAL 4 REQ'D 2 0 REQ'D 0 6 REQ'D 1 18 REQ'D 1 ELEVATED PLAY ACTIVITIES ACCESSIBLE BY TRANSFER ELEVATED PLAY ACTIVITIES ACCESSIBLE BY RAMP GROUND LEVEL ACTIVITY TYPE GROUND LEVEL ACTIVITY QUANTITY

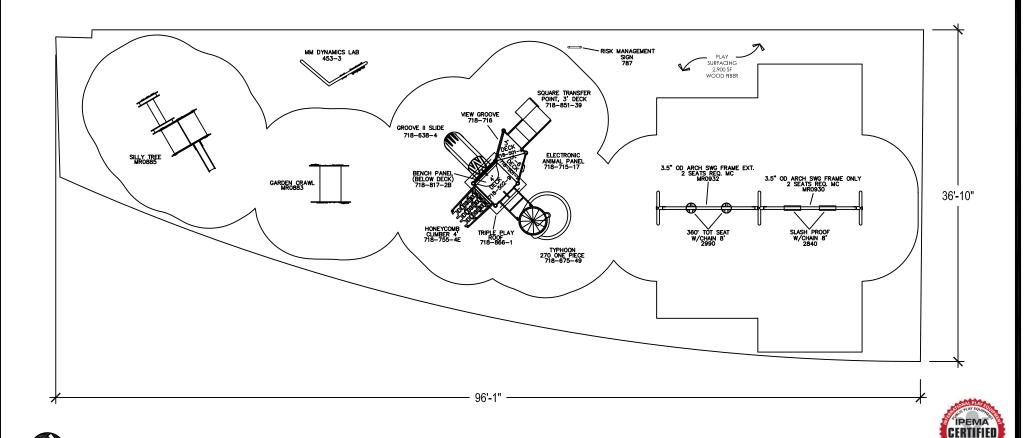
TROY COMMUNITY CENTER PRESCHOOL PLAYGROUND CITY OF TROY, MI

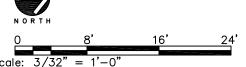
AREA: 2,900 SQ.FT.

PERIMETER: 248'

The information provided is for estimation purposes only.

Play Area Capacity: 65 - 75





To promote safe and proper equipment use by children, Miracle recommends the installation of either a Miracle safety sign or other appropriate safety signage near each playsystem's main entry point(s) to inform parents and supervisors of the age appropriateness of the playsystem and general rules for safe play.

THE PLAY COMPONENTS IDENTIFIED IN THIS PLAN ARE IPEMA CERTIFIED. THE USE AND LAYOUT OF THESE COMPONENTS CONFORM TO THE REQUIREMENTS OF ASTM F1487.

AN ENERGY ABSORBING PROTECTIVE SURFACE IS
REQUIRED UNDER & AROUND ALL PLAY SYSTEMS

	WBF-MI-22018	3A-1A-1	•
_	GROUND SPACE: PROTECTIVE AREA:	N/A NOTED	•
	PROTECTIVE AREA:	NOTED	Γ,

√	COMPLIES TO AS

COMPLIES TO CPSC

AGES 2-5		
IONAL GROUND LEVEL ACCESSIBLE NEEDED FOR ADA COMPLIANCE		
E:	QUANTITY:	
0	0	

DESIGNED FOR

ADDIT

TYP

SCALE:3/32"=1'-0"

a of Michigan

DATE: 07.28.2022

BDS

OUND SPACE:	N/A	✓	COMPLIES TO ASTM
TECTIVE AREA:	NOTED	✓	COMPLIES TO ADA





CONSULTANT			
Kim Alexander	(734) 765-6149		

Q	UOTE
Quote Date	Valid Until
8/24/2022	9/23/2022
Est. Delivery:	Est. Install
20+ Weeks	

CUSTOMER INFORMATION

Customer: City of Troy
Contact: Dennis Trantham
Contact Info: 586-319-7461

Project Name: Troy Community Center Pre School Playground

Site Address: 3179 Livernois, Troy Mi 48083

End User: City of Troy

Ship To:

ITEM	DESCRIPTION	QTY	EACH	TOTAL
MIRACLE	Miracle playground equipment design #WBF-MI-220183A	1	\$46,986.00	\$46,986.00
FREIGHT	Shipping of Miracle equipment	1	\$2,360.00	\$2,360.00
DISCOUNT	Miracle equipment discount	1	-\$7,050.00	-\$7,050.00
INSTALL	Installation of Miracle equipment listed above	1	\$18,800.00	\$18,800.00
TURF			\$72,500.00	\$72,500.00
UNLOADING			\$550.00	\$550.00

Note: This would be a 2023 Installation Project

TAX EXEMPT	Tax Exemption Certificate Pro	ovided			
	Final Prices Subject to State and	Local Sales Tax and Use Tax Ra	te	TOTAL	\$134,146.00
Make Payable to: Payment Terms					
	Prices r	reflected on quote assume	s all site work to be done by others unle	ess noted above.	
* All c			to be done by "other" unless noted above. * Pridditionally, no bond or special insurance coverage	•	bove.
Pricing may r	ot be guaranteed beyond 3	0 days. We are attempting	g to hold pricing when possible, but due	to material and labor costs, price inc	reases have

unfortunately become unavoidable. We value our customers and appreciate your understanding during these unprecedented times. All finalized contracts and/or purchase orders must be accompanied by a valid quote within 30 days of issue. Please request a requote when beyond the 30 days.

Approval Signature	Date	PO Number

Send completed quote and purchase order to: kim@webuildfun.com

PLEASE RETURN ALL PAGES OF THIS QUOTE UPON ORDERING

Price assumes all site work, drainage away from play area & border to be provided by "other" at no cost to webuildfun unless specified otherwise in the quote above. This includes site prep, grade work, drainage, construction fencing, concrete borders and site restoration. All additional services can be quoted upon request. webuildfun, inc. warrants the labor for replacement parts for 1 year, if webuildfun, inc provided the original installation. In the event rock is encountered, additional charges may be assessed. It is the responsibility of the owner to obtain permit(s) unless specified above. It is the responsibility of the owner to locate all underground utility lines, webuildfun, Inc will assist with this by requesting a line locate from Dig Tess, at the owner's request. webuildfun, Inc will make every reasonable effort to respect all marked utility lines, and will repair damage(s) caused by webuildfun, Inc to marked utilities. webuildfun, Inc will not be responsible for damage to unmarked utilities. Prices are guaranteed for 30 days from the date listed on quote.





PO Box 29 Allen, TX 75013		of
CUSTOMER INFORMATION		

Customer: City of Troy Contact: **Dennis Trantham**

Contact Info:	586-319-7461				8/24/2022	9/23/2022
Project Name:	Troy Community Center Pre				Est. Delivery:	Est. Install
Site Address:	3179 Livernois, Troy Mi 480	83			20+ Weeks	
End User:	City of Troy					
Ship To:				_		
	the following information:					ct Total
Project Name:	Troy Community Center Pr	e School Playground			\$134,	,146.00
Est	Project Start Date:	Bond Required			Purchase Order #	
	ct Completion Date:			-	_	
Lacrioje	ot completion bate.			=		
Addt'l Details	:					
/ tage / Botallo	•					
		PROJ	ECT DETAILS			
	SHIPPING INFO	1			INVOICE INFO	
Compan			Company		HAVOIGE HAI O	
Street Address			Street Address			
City, State, Zij			City, State, Zip			
Contact			Contact:			
Phone #			Phone #			
Email	•		Email:			

PLEASE RETURN ALL PAGES OF THIS QUOTE UPON ORDERING

Initial here to approve colors shown above

CONSULTANT

QUOTE

(734) 765-6149

Valid Until

Kim Alexander

Quote Date



Date: September 19, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Dee Ann Irby, Controller

Kurt Bovensiep, Public Works Director

Dennis Trantham, Facilities and Grounds Operations Manager

Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications –

Holiday Lights

History

- For two years beginning in 2013, the Kiwanis Club organized the holiday lighting of 25-30 Spruce
 Trees in the median of Big Beaver in the Troy Downtown Development Authority boundary, which
 included spaced out locations between Coolidge and Rochester Road.
- In 2016, the City of Troy encouraged the holiday tree lighting and promoted the increase of trees to be decorated.
- The City of Troy decided to install lights on additional trees with lights provided by the Kiwanis and purchase lights and install them on additional trees.
- The goal was to light all spruce trees between Rochester Road and Coolidge Highway in the Big Beaver median.
- The City of Troy staff continues to receive several compliments on the city's efforts to provide a traditional decorated look for the holiday season along the corridor.
- It is anticipated that the lights will remain on beginning November 15th through the last day in February.
- The holiday lights have an average life span of 3-5 years in the harsh environment they are used.
- There are approximately 175 spruce trees on the Big Beaver median scheduled for holiday lights.

Purchasing

- On September 1, 2022 a bid opening was conducted as required by the City Charter/Code for one (1) year requirements for the Installation of Holiday Lights with two (2) 1-year renewals.
- The bid was posted on the MITN Purchasing Group website; www.bidnetdirect.com//city-of-troy-mi.
- Two Hundred and seventy-nine (279) vendors were notified via the MITN website. Five (5) bids were
 received which four (4) did not meet specifications regarding bid surety requirements. The summary
 of the vendor responses is detailed below.

·	
Companies notified via MITN	279
Troy Companies notified via MITN	7
Troy Companies - Active email Notification	6
Troy Companies - Active Free	1
Companies that viewed the bid	7
Troy Companies that viewed the bid	0

<u>MITN</u> provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy.

<u>Active MITN</u> members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City.

Active MITN non-paying members are responsible to monitor and check the MITN website for opportunities to do business with the City.

<u>Inactive MITN member</u> status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.



Purchasing (continued)

- Landscape Services, Inc. of Clinton Twp., MI is the low bidder meeting specifications and is being recommended for award.
- Landscape Services, Inc has successfully provided holiday tree lighting servcies for the City of Troy and meets all requirements.

Financial

Funds are available in the General Fund under the Parks Street Island Maintenance (DDA) operating account number 101.751.30.783.780.070 and various operating accounts for lighting on additional trees on municipal property as requested.

Recommendation

City Management recommends awarding a one (1) year contract with two (2) 1-year renewal options for Proposal A: Installation and Removal of Holiday Lights on approximately 175 Spruce Trees in the Big Beaver Median, Proposal B: Installation and Removal of Holiday Lights on additional trees on municipal property, Proposal C: Commercial-Grade LED light strands, Proposal D: Replacement 6' Cable Rectifiers, and Proposal E: Replacement 24' Green extension cords to the low bidder meeting specifications *Landscape Services, Inc.* of *Clinton Twp., MI* for an estimated cost of \$29,925 for Proposal A and for Proposals B, C, D, and E, at unit prices contained in the bid tabulation opened September 1, 2022; not to exceed budgetary limitations; contract to expire April 30, 2025.

Opening Date: 09/01/2022 Date Reviewed: 09/01/2022 CITY OF TROY BID TABULATION HOLIDAY LIGHTS ITB-COT 22-29 Page 1 of 2

VENDOR NAME:	Shamo Landscaping & Services Inc.	Decima LLC	Landscape Services, Inc.			
CITY:	Sterling Hgts., MI	Detroit, MI	Clinton Township, MI			
CHECK #:		NOT PROVIDED	1666017			
CHECK AMOUNT:	NOT PROVIDED	NOT PROVIDED	\$5,000.00			
OPOSAL: FURNISH ALL EQUIPMENT AND LABOR FOR THE INSTALLATION OF HOLIDAY LIGHTS AT THE CITY OF TROY						

PROPOSAL: FURNISH ALL EQUIPMENT AND LABOR FOR THE INSTALLATION OF HOLIDAY LIGHTS AT THE CITY OF TROY							
DESCRIPTIO	N	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
PROPOSAL A:							
Installation and Removal of Ho approximately 175 Spruce tree Beaver Median.			\$29,450.00		\$30,100.00		\$29,925.00
PROPOSAL B:							
Installation and Removal of Hotree on additional trees on mu	, , ,	\$249.00		\$280.00		\$260.00	
PROPOSAL C:							
Commercial-Grade, 5MM Wid 50 LED Warm White W/Greer Spacing, 25' approximately 2,4 PROPOSAL D:	Cord, 6"	\$12.75	\$31,875.00	\$13.75	\$34,375.00	\$14.05	\$35,125.00
6' Plug Adapter Cable Rectifie approximately 140. PROPOSAL E:	r W/Green Wire	\$9.60	\$1,344.00	\$10.50	\$1,470.00	\$11.06	\$1,548.40
24' green extension approxima	ately 14	\$7.00	\$98.00	\$7.99	\$111.86	\$7.78	\$108.92
TOTALS:	atory 11.	\$62,767.00		\$66,056.86		\$66,707.32	
Hours of Operation:		8AM	- 6PM	7AM	- 5PM	7AM -	- 6PM
24 Hour Phone No.:		586-82	2-2181	260-24	3-0591		6-2230
Contact Person:		Salam	Shamo	Alex I	Baloch	Bret S	Steiner
Phone:		586-82	2-2181	260-24	3-0591	586-21	6-2230
Site Inspection Date:		`	Y	Υ		`	/
Meet Delivery/Installation Scho	edule: Y or N	`	Y	Υ		`	1
Days after notice work shall co	ommence:	15 days		7 days		15 days	
References:	Y or N	`	Y	,	Y	`	<u> </u>
Can Meet Insurance:	Y or N	Will obtain \$500,000 upo of	•	,	Y	,	(
Payment Terms:	Y or N	Net 30 days at	fter completion	1% 10	Net30	Net	: 30
Warranty:	Y or N		ne '	1	nufacturer	*	ne
-		\$500,000, \$1,000,00 acceptance.	currently at will raise to 000 upon				
Exceptions:		acceptan		NC	NE	NO	NE
Acknowledgement:	Y or N		Y	,	Y	Y	
Forms:	Y or N	`	<u> </u>	Υ		`	<u> </u>
ATTEST:							

ATTEST:

(*Bid Opening conducted via a Zoom Meeting)

Brian Varney

Heather Chomiak

Low bidder meeting specifications

Emily Frontera Purchasing Manager

ITB-COT 22-29 Page 2 of 2

BID TABULATION HOLIDAY LIGHTS

VENDOR NAME:	Santa's Light Crew	Zoros Christmas Lights, LLC
CITY:	Howell, MI	Livonia, MI
CHECK #: CHECK AMOUNT:	NOT PROVIDED	NOT PROVIDED

	CHECK #: CHECK AMOUNT:	NOT PR	NOT PROVIDED		NOT PROVIDED	
PROPOSAL: FURNISH ALL	EQUIPMENT AND	LABOR FOR T	HE INSTALLA	TION OF HOLI	DAY LIGHTS	
AT THE CITY OF TROY						
DESCRIPTION	ON	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
PROPOSAL A:						
Installation and Removal of H			* 40 0 00		*	
approximately 175 Spruce tree Beaver Median.	es in the Big		\$43,750.00		\$87,500.00	
PROPOSAL B:						
Installation and Removal of H	oliday Lights per	*		A 500.00		
tree on additional trees on mu	inicipal property.	\$300.00		\$500.00		
PROPOSAL C:						
Commercial-Grade, 5MM Wid		\$40.50	****	* 40.05	* 07.075.00	
50 LED Warm White W/Greel Spacing, 25' approximately 2,		\$13.50	\$33,750.00	\$10.95	\$27,375.00	
PROPOSAL D:	500.					
6' Plug Adapter Cable Rectifie	er W/Green Wire	A44.00	#4.540.00	# 4.00	A 500.00	
approximately 140.		\$11.00	\$1,540.00	\$4.00	\$560.00	
PROPOSAL E:						
24' green extension approximately 14.		\$7.50	\$105.00	\$20.00	\$280.00	
TOTALS:		\$79,1	45.00	\$115,715.00		
Hours of Operation:		8AM -	- 6PM	8AM -	10PM	
24 Hour Phone No.:		517-86	1-1563	Not Sp	ecified	
Contact Person:		David Vance		Martin Zoro		
Phone:		517-861-1563		248-408-6393		
Site Inspection Date:		\	Y	`	1	
Meet Delivery/Installation Sch					,	
	edule: Y or N	`	<u> </u>	`	<u> </u>	
Days after notice work shall co		within 1		20 0		
Days after notice work shall con		within 1		20 c		
•	ommence:	within 1	l4 days	20 0	lays	
References:	ommence: Y or N	within 1	14 days Y	20 0	lays ′ ′	
References: Can Meet Insurance:	ommence: Y or N Y or N	within 1	14 days Y	20 0	lays ⁄ ⁄ 0	
References: Can Meet Insurance: Payment Terms:	ommence: Y or N Y or N Y or N	within 1	14 days Y Y : 30	20 c	lays ⁄ ⁄ 0	
References: Can Meet Insurance: Payment Terms: Warranty:	ommence: Y or N Y or N Y or N	within 1 Net Not Sp	14 days Y Y : 30 Decified	20 c	lays / / 0 ecified NE	
References: Can Meet Insurance: Payment Terms: Warranty: Exceptions:	ommence: Y or N Y or N Y or N Y or N Y or N	within 1 Net Not Sp	14 days Y Y : 30 pecified	20 c	lays / / 0 ecified NE / oser's Sworn	
References: Can Meet Insurance: Payment Terms: Warranty: Exceptions:	ommence: Y or N Y or N Y or N Y or N Y or N	Net Not Sp	14 days Y Y : 30 pecified	20 c	lays / / 0 ecified NE / oser's Sworn red Familial	

Date: September 19, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Dee Ann Irby, Controller

Kurt Bovensiep, Public Works Director

Dennis Trantham, Facilities and Grounds Operations Manager

Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 2: Award to Low Bidder Meeting Specifications – 2022

Street Tree Planting

<u>History</u>

• The Parks Division is responsible for the maintenance of the City's urban forest. This responsibility includes making additions to the urban forest through a tree-planting program.

- The Parks Division continues to make progress on a more aggressive tree-planting program.
- The division facilitates a program that fills vacancies in the Rights-of-Way (ROW) that could support a tree while adhering to City of Troy Ordinance Chapter 28.
- Chapter 28 regulates that trees planted in the ROW should not be planted any closer than 50' of an existing tree within the ROW, no closer than 15' from any driveway approach, no closer than 3.5' of any curb, and no closer than 3' to any sidewalk.
- The Parks Division also is proposing to continue with planting more substantial trees in the ROW
 resulting in a request from vendors for trees with a minimum of 2.5" in diameter and a 2-year
 warranty from the date of planting.

Purchasing

- On September 1, 2022 a bid opening was conducted as required by the City Charter/Code for one (1) year requirements of Street Trees.
- The bid was posted on the MITN Purchasing Group website; www.bidnetdirect.com//city-of-troy-mi. Fifty-six (56) vendors were notified via the MITN website. Three (3) bids were received. Below is a detail summary of the vendor responses.

Companies notified via MITN	56
Troy Companies notified via MITN	1
Troy Companies - Active email Notification	1
Troy Companies - Active Free	0
Companies that viewed the bid	12
Troy Companies that viewed the bid	0

MITN provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy.

Active MITN members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City.

Active MITN non-paying members are responsible to monitor and check the MITN website for opportunities to do business with the City. Inactive MITN member status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.



Purchasing (continued)

- Marine City Nursery Company of Marine City, MI was the low bidder, meeting all bid specifications
 for the purchase and installation of Balled and Burlap or Container Grown Trees, and is being
 recommended.
- *Marine City Nursery Company* has successfully provided trees for the City of Troy and meets all requirements.

Financial

Funds are budgeted and available in the General Fund under the Parks Local Tree Planting operating account number 101.751.30.778.7740.120 in the amount of \$164,130 for the 2023 Fiscal Year. In addition, City staff continues to apply for grants to assist in its tree-planting program.

Recommendation

City Management recommends awarding a contract to purchase and have installed on an as-needed basis balled and burlap or container grown trees to the low bidder meeting specifications, *Marine City Nursery Company* of *Marine City, MI*, at unit prices contained in the bid tabulation opened September 1, 2022; not to exceed budgetary limitations.

I		1	ı
	Marine City	The Davey Tree	
VENDOR NAME:	Nursery Co.	Expert Company	KLM Landscape
CITY:	China Twp., MI	Wooster, OH	Armada, MI
CHECK AMT:	\$5,000.00	\$5,000.00	\$5,000.00
CHECK #:	36514181	090518224	2387539

PROPOSAL: TO PROVIDE AND PLANT FOR THE CITY OF TROY BALL AND BURLAP OR CONTAINER GROWN TREES.
DDODOCAL As Control for the Doverhand and Dlouting of 500 Dall and Dovelou Tongo

PROPOSAL A: (PROPOSAL A: Cost for the Purchase and Planting of 500 Ball and Burlap Trees					
Price Pe	er Planted Tree:		\$398.00	\$471.00	\$520.00	
	PROPOSAL A TOTAL COST (unit price x	500):	\$199,000.00	\$235,500.00	\$260,000.00	
FALL 2022						
	LIST OF NINE TREE TYPES:	Y/N	Υ	Υ	Υ	
	HOW MANY TREES LISTED:		9	9	9	
	HOURS OF OPERATION:		8AM - 5PM	7AM - 4:30PM	M-F 7AM - 4PM	
	24 HOUR PHONE #:		810-650-0676	330-465-5113	810-523-2192	
	STATEMENT OF GUARANTEE:		As Specified	As Specified	As Specified	
	REFERENCES:	Y/N	Υ	Υ	Υ	
	PROPOSED PAYMENT SCHEDULE:		Net 30 Days	30 Days	Not Specified	
	INSURANCE MET:	Y/N	Υ	Υ	Υ	
	DELIVERY:		Not Specified	Yes	Not Specified	
	EXCEPTIONS:		NONE	NONE	NONE	
	ACKNOWLEDGEMENT:	Y/N	Υ	Υ	Υ	
	FORMS:	Y/N	Υ	Υ	N	

Low bidder meeting specifications

Allest:				
(*Bid Opening	conducted	via a	Zoom	Meeting)

Brian Varney

Heather Chomiak

Emily Frontera
Purchasing Manager



Date: September 19, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Rob Maleszyk, Chief Financial Officer

Dee Ann Irby, Controller

Kurt Bovensiep, Public Works Director Brian Varney, Fleet Operations Manager Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 2: Low Bidder Meeting Specifications – Fuel Island

Renovations - Department of Public Works and City Hall, and

Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Fuel Island

Renovations – Construction Management

History

- The City's on-site fueling facilities are critical to our daily operations and emergency response, and are used daily by the City's fleet.
- The fuel islands at the Department of Public Works were constructed in 1974 and the City Hall fuel island was constructed in 1979.
- The two (2) 12,000-gallon fuel tanks at the DPW and the one (1) 12,000-gallon tank at City Hall have reached their end of life cycle and must be replaced.
- Replacement of these fuel facilities will ensure dependable storage, delivery and management for the City's fleet for the next generation.
- On November 22, 2021 Troy City Council approved expending budgeted capital funds to OHM Advisors (OHM) of Livonia, MI, which is one of the City's professional service engineering firms, (Resolution #2021-11-176-J-4a), to complete the design and necessary engineering documents for the fuel island renovations at the Department of Public Works and City Hall locations.

Purchasing

- On September 1, 2022 a bid opening was conducted as required by the City Charter/Code for the Fuel Island Renovations at the Department of Public Works and City Hall locations.
- The bid was posted on the MITN Purchasing Group website; www.bidnetdirect.com//city-of-troy-mi.
- Two Hundred and thirty-one (231) vendors were notified via the MITN website. Three (3) bids were received. The summary of the vendor responses is detailed below.

Companies notified via MITN	231
Troy Companies notified via MITN	7
Troy Companies notified Active email Notification	6
Troy Companies - Active Free	1
Companies that viewed the bid	76
Troy Companies that viewed the bid	0

MITN provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy.

<u>Active MITN</u> members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City.

Active MITN non-paying members are responsible to monitor and check the MITN website for opportunities to do business with the City. Inactive MITN member status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.



Purchasing (continued)

- After reviewing the bid proposals with OHM, *Phoenix Environmental, Inc of Plymouth, MI* was the low bidder meeting specifications and is being recommended.
- The lowest bidder did not meet specifications because they failed to provide the required bid surety.

The current contract with OHM Advisors (OHM) was renewed by City Council on May 23, 2022 for engineering and design services (Resolution #2022-05-071-J-4b). Under the current contract pricing, OHM proposes a Construction Phase Service fee of \$195,000.00 Services will include the administration, oversight, and any necessary testing of the project per the attached detailed proposal.

Financial

- Funds are budgeted and available in the Public Works Capital Fund with associated project numbers 2022C0101 and 2023C0090 for the 2023 fiscal year.
- Total available budget in Project Number 2023C0090 is \$1,120,000. Estimated total cost for this project is \$1,275,104. Additional funds are available in the Fleet Capital Fund to cover the shortfall of \$155,104 in the unused portion of Project Number 2022C0101.
- Expenditures will be charged to account number 661.549.565.7975.900. Since this project is schedule to be constructed in two fiscal years, any unused funds in fiscal year 2023 is proposed to roll over to fiscal year 2024.

Fuel Island Renovations	Cost	Project Number	Budget
Department Public Works	\$1,275,104	2023C0090	\$1,120,000
City Hall	\$ 484,270	2022C0101	\$1,183,000
Contingency 10%	\$ 195,438	2022C0101	
Construction Phase Services	\$ 195,000	2022C0101	
Total Cost	\$2,149,812.00		\$2,303,000

Recommendation

City Management recommends awarding a contract for the Fuel Island Renovations at the Department of Public Works and City Hall locations to the low bidder meeting specifications; *Phoenix Environmental, Inc of Plymouth, MI* for an estimated cost of \$1,759,374 and a 10% contingency amount of \$195,438, for an estimated total cost of \$1,954,812.

City Management further recommends granting the authority to expend budgeted capital funds to *OHM Advisors (OHM) of Livonia, MI*, for the Construction Phase Services for the fuel island renovations at the Department of Public Works and City Hall locations for an estimated total cost of \$195,000.

CITY OF TROY TABULATION FUEL ISLAND & TANK REPLACEMENT

		Phoenix	
VENDOR NAME:	R.W. Mercer Co.	Environmental, Inc.	Oscar W. Larson Co.
CITY:	Jackson, MI	Plymouth, MI	Clarkston, MI
CHECK AMOUNT:	\$25,000	\$25,000	Not Provided
CHECK #:	119006	517256373-5	Not Flovided

PROPOSAL: Proposal shall include the total cost of all labor, materials, tools, equipment and supervision required to complete the Fuel Island and Tank Replacement project at the Troy Civic Center/Police Station

BASE BID: Proposal shall include the total cost of all labor, materials, tools, equipment and supervision required to complete the Fuel Island and Tank Replacement project at the Troy Civic Center/Police Station and DPW facilities as per all work herein described and/or shown on the plans, drawings and as per all bid specifications.

the plans, drawings and as per all bid specifications.				
PROPOSAL 1) DPW - TOTAL BASE BID PRICE		\$1,518,214.00	\$1,275,104.00	\$512,815.00
PROPOSAL 2) Civic Center - TOTAL BASE BID PRICE	\$727,469.00	\$484,270.00	\$905,258.00	
DISCOUNT offered if awarded both projects: If discount is offered, DEDUCT:	None Offered	None Offered "1 Year of LARA Inspections and one added year of Warranty"	None Offered	
TOTAL PROPOSAL 1 & 2		\$2,245,683.00	\$1,759,374.00	\$1,418,073.00
ALTERNATE 1: Description of work: Removal and installation of new fence	as			
specified and indicated on drawings. ALTERNATE 2: Description of work: Seal and stripe parking lot as specified.	d and	\$92,417.00	\$49,364.00	\$25,000.00
indicated on drawings.	u anu	\$10,440.00	\$10,730.00	\$7,500.00
TOTAL PROPOSAL 1 & 2 and Alternates 1 & 2		\$2,348,540.00	\$1,819,468.00	\$1,450,573.00
UNIT PRICES: The amounts below will be added to the Contract Sum	on per	formance and measu	rement of the individu	al items of Work for
quantities above those identified on the drawings which are included	-			
Unit Price No. 01: Removal of unsatisfactory soil and replacement with satisfactory	sfactory			
soil material.		\$172.50	\$96.36	\$31.62
Unit Price No. 02: Cutting and patching of concrete slabs-on-grade.		\$42.55	\$23.10	\$10.00
Unit Price No. 03: Removal of Curb and Gutter.		\$28.75	\$34.54	\$3.00
Unit Price No. 04: Removal of Pavement.		\$25.30	\$95.49	\$3.00
Unit Price No. 05: Provide and install 21AA Aggregate Base, 6 inches.		\$23.00	\$25.74	\$27.00
Unit Price No. 06: Provide and install 21AA Aggregate Base, 8 inches.	\$28.75	\$34.65	\$29.00	
Unit Price No. 07: Provide and install 21AA Aggregate Base, 10 inches.	\$34.50	\$43.07	\$31.00	
Unit Price No. 08: HMA, 36A.		\$655.00	\$627.00	\$35.00
Unit Price No. 09: HMA, 13A.		\$288.00	\$275.00	\$36.00
Unit Price No. 10: HMA, 11A.		\$242.00	\$231.00	\$37.00
Unit Price No. 11: Concrete, 6 inch.		\$7.20	\$13.20	\$8.00
Unit Price No. 12: Concrete, 10 inch.		\$8.58	\$23.16	\$11.00
Unit Price No. 13: Concrete Curb and Gutter.		\$46.00	\$49.50	\$35.00
Unit Price No. 14: Removal of contaminated soil and disposal and replacem	ent with		·	·
satisfactory soil material.		\$184.00	\$98.04	\$37.00
Prime Bidder attended Pre-Bid meeting:	Y/N	Y	Y	Y
Document 00 43 21 ALLOWANCE FORM Attached:	Y/N	Y	Y	N
Bidder Questionnaire Provided & Signed: CONTACT INFORMATION: Hours of Operation:	Y/N	8:00AM - 5:00PM	Y 7:00AM - 4:00PM	Y 7:00AM - 5:00PM
24 Hr. Contact Phone No.:		517-787-2960	7.00AW - 4.00PW 734-216-5963	810-407-9146
24 Hr. Contact Frione No		311-101-2900	Monthly billing on last	010-407-9140
		Monthly for completed	day of the month until	
Proposed Payment Schedule:		work; Net 30 days	project is complete.	Net 30
References Provded:	Y/N	Y	Υ	Υ
Can Meet Insurance Requirements:	Y/N	Y	Υ	Υ
Warranty:		2 Year	2 Year	1 Year
Completion:		10/27/2023	On or before 10/27/23	Not Specified
		Material pricing based on current conditions. Increases may apply	prints. 20psi tank unavailable per STI rules. Per drawings on	
Formations		depending on market	C-8 no steel is added to	NONE

Exceptions:

Forms:

Y/N

Y/N

Y/N

Acknowledgement:

Addendums 1 & 2:

Attest:

(*Bid Opening conducted via a Zoom Meeting)

Brian Varney

Heather Chomiak

Emily Frontera Purchasing Manager

concrete.

Υ

Υ

NONE

Υ

Ν

Ν

conditions in 2023.

Low Bidder Meeting Specifications



ARCHITECTS. ENGINEERS. PLANNERS.

September 8, 2022

Mr. Brian Varney City of Troy Fleet Operations Manager 4693 Rochester Rd. Troy, MI 48085

RE: Proposal for Construction Phase Services

Fuel Island Replacement Project

Dear Mr. Varney:

With the completion of design and bidding phases, this project will be under construction soon. We understand the City of Troy desires to have OHM Advisors assist with the oversight of the project during construction. this letter presents our proposed scope of services for contract administration, construction field services, and testing.

SCOPE OF SERVICES

Our Scope of Services for this work will be completed as four tasks with a schedule starting in October 2022 and Final Completion of the project anticipated to be October of 2023.

Task 1: Contract Administration

Contract administration services will begin immediately following the award of a contract to a contractor. OHM will provide organized information to outline the progress of the project from contractor initiation to completion of final punch list items.

- Organize and schedule Pre-Construction meeting on-site with contractor, sub-contractor(s) and Owner's representative(s) and other project stakeholders to coordinate project delivery, schedules, meetings and dates of importance.
- Provide review of Shop Drawings, Product Data and Samples for the purpose of conformance with the intent of the Construction Documents.
- Review and monitor Contractor's construction schedule
- ▼ Provide responses to field questions and Request for Information (RFIs).
- Organize and schedule bi-weekly progress meetings with contractor, sub-contractor and owner's representative to review project, coordinate open issues and construction schedule. (estimated 22 progress meetings for project).
- Project engineer to coordinate field testing and staking schedules with contractor while on-site and schedule accordingly.
- Prepare Proposal Requests and Construction Change Directives and authorize minor changes that do not affect the Contract Sum and/or Contract Time.
- ▼ Prepare and process Change Orders for City review and approval
- Review and Certify the contractor's Application for Payment, monthly.
- Prepare and perform a final punchlist walk through with the contractor and an owner representative(s).
- ▼ Coordinate with Contractor to determine the dates of Substantial Completion and Final Completion.
- Confirm the completion of the final punchlist.
- ▼ Prepare and submit record drawings to City based on Contractor red lines and field notes.

Task 2: Construction Observation Services

This task includes on site construction observation by an OHM Construction Technician performed during the construction phase of the project.

Proposal for Fuel Island and Tank Replacement Construction Phase Services City of Troy September 8, 2022 Page 2 of 3



- OHM construction technician to provide full-time observation during excavation, tank removal, grading, utility installation, paving, and part-time observation during restoration activities.
- ▼ OHM representative will communicate inconsistencies with design intent with the contractor on-site.
- Prepare daily construction observation reports documenting work completed each day on site noting field installed conditions and any variance to the design.

Task 3: Field Testing

This task includes testing services performed during the construction phase of the project.

OHM will utilize G2 or LLC Consulting for Construction material testing. OHM to coordinate timing and required tests for completion of work; OHM will review reports for specification compliance. G2 and LLC Consulting will perform their services, for soil testing during tank removal, subgrade preparation, foundation construction, steel construction and bituminous paving operations as needed and directed by OHM Advisors

Task 4: Staking

The construction staking work performed will be performed one-time for the site improvements, as requested by the Contractor, up to 8 separate mobilizations. OHM Advisors anticipates that the effort will consist of construction staking for the concrete and asphalt pavement, curb and gutter, light pole and other miscellaneous items.

- Service elements include:
 - Establish/Verify Horizontal & Vertical Control
 - Review Construction Plans and Create Staking Alignments
 - Provide Construction Staking as requested

COMPENSATION & SCHEDULE

OHM Advisors will perform the outlined services above based on hourly basis not to exceed, in accordance with our current contract with the City. The following are the estimated costs for the project:

TASK	FEE
Task 1: Contract Administration Services	\$45,000
Task 2: Construction Observation Services	\$100,000
Task 3: Testing	\$30,000
Task 4: Staking	\$20,000
TOTAL	\$195,000

ASSUMPTIONS, EXCLUSIONS & OWNER RESPONSIBILITIES

OHM Advisors is prepared to complete the work as outlined above per our understanding of the project, which includes the following assumptions, exclusions and identified Owner responsibilities.

- OHM Advisors point of contact for this project is Brian Varney.
- Testimated observation hours on-site is 1000 hours based on a 22 week on-site construction schedule.
- ▼ Existing and/or As-built Cross Sections
- Quantity Calculations
- Re-staking due to contractor errors and miscommunications.
- Permit and application fees to be paid by others if applicable.

ACCEPTANCE

Work will be done in accordance with the terms and conditions of the Continuing Services Agreement between OHM and the City. If this proposal is acceptable to you, please provide signature below or e-mail confirming us to proceed on the project.

Thank you for giving us the opportunity to be of service. We look forward to working with you on this project. This proposal is valid for 60 days from the date of this letter.

Proposal for Fuel Island and Tank Replacement Construction Phase Services City of Troy September 8, 2022 Page 3 of 3

Orchard,	Hiltz,	& McCliment,	Inc.

City of Troy

CONSULTANT	OWNER
(Signature)	(Signature)
Christopher Ozog, AIA (Name)	(Name)
Project Manager (Title)	(Title)
September 2, 2022 (Date)	(Date)
Cc: Rhett Gronevelt, Principal, OHM Advisors	



Date: September 7, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Rob Maleszyk, Chief Financial Officer

Dee Ann Irby, Controller Frank Nastasi, Chief of Police

Andy Satterfield, Captain – Support Services Division Michael Giorgi, Lieutenant – Support Services Division

Sam Kalef, Communications Manager – Support Services Division

Emily Frontera, Purchasing Manager

Subject: Contract Amendment and Standard Purchasing Resolution 4: Oakland County

Purchasing Cooperative - Next Generation 911 Equipment and Services Upgrade, Troy

Police Department

<u>History</u>

The City of Troy Police Department Communications Center was part of a countywide 911 system deployment in 2016 entering into an agreement between Oakland County and the City of Troy (Resolution #2016-11-199-J6). On May 22, 2017 Phase II of the system was implemented and included the purchase and installation of the Emergency CallWorks (ECW) Next Generation 911 System (Resolution #2017-05-089-J-4C). This system is nearing end of software and hardware life, subsequently a countywide system upgrade/refresh is needed in order to maintain effective Next Generation 911 call processing and incident location software.

The proposed contract from Motorola Solutions, Inc. f/k/a Emergency CallWorks, Inc ("MSI" or "ECW") is for the renewal of six 911 software licenses, new workstation hardware (including genovation keypads, monitors, computers, network cards, etc.), on-site service maintenance, installation and extended warranty coverage through January 31, 2026. All of the ECW 911 equipment is located within the Troy Police Communications Center, which is staffed 24 hours a day, 7 days a week. This equipment is used to answer and process more than a 125,000 total 911 and non-emergency calls for service from the residents, travelers, and businesses within the cities of Troy and Clawson.

Purchasing

- Motorola Solutions, Inc f/k/a Emergency CallWorks, Inc of Birmingham, AL is the awarded contracted vendor for the Oakland County Cooperative Purchasing Contract #004698.
- City Council authorized participation in the Cooperative Purchasing Programs on November 8, 2021 (Resolution #2021-11-160)
- Pricing to provide the upgrade to the Next Generation 911 System has been secured by Motorola Solutions, Inc through the Oakland County Cooperative Purchasing Contract #004698 for an estimated cost of \$97,866.00 as detailed in the attached contract.
- The cost covers six (6) software licenses, associated hardware, service warranties and on-site support.



Financial

Funds are budgeted and available in the Troy Police Department Communications Capital Fund under Project Number 2023C0021 for the 2023 fiscal year. Expenditures will be charged to account number 401.301.11.325.7980.030.

Recommendation

City Management recommends City Council approve the amended contract with *Motorola Solutions, Inc of Birmingham, AL* for the purchase of the Next Generation 911 Equipment and Services upgrade at the Troy Police Department in conjunction with Oakland County as per the Oakland County Cooperative Contract # 004698, for an estimated total amount of \$97,866.00 as detailed in the attached contract; not to exceed budgetary limitations.

Legal Review

This item was submitted to the City Attorney for review pursuant to City Charter Section 3.17

CONTRACT FOR THE PURCHASE OF NG9-1-1 EQUIPMENT AND SERVICES

The Parties hereby enter into this contract, effective on ________, 2022 ("Effective Date"), between Motorola Solutions, Inc. f/k/a Emergency CallWorks, Inc. ("MSI" or "ECW") and <u>Troy Police Department</u> ("Troy Police Department"), for the purchase of Next Generation 911 Equipment and Services ("End User Contract").

Whereas, MSI and the County of Oakland, MI, entered into a Contract (No. 004698) for the purchase of Next Generation 911 Equipment and Services ("Contract"), which was amended (under Amendment 3) December 18, 2020 to, among other things, update Exhibit VI to reflect new pricing for Non-Oakland County users and extend the term of the Contract through January 31, 2026. A copy of the Contract and Amendment 3 (collectively referred to herein as the "Primary Contract") is attached hereto and incorporated herein by reference as Exhibit A.

For an amount not to exceed \$97,866.00, <u>Troy Police Department</u> agrees to abide by the terms and conditions of the Primary Contract, including its Exhibits, and whenever "County" is referred to in the Primary Contract, and only for purposes of this End User Contract, it will have the same effect as referring to <u>Troy Police Department</u>, except as set forth below:

1. Section 5.1 of the Contract shall be replaced in its entirety with the following:

a. <u>Performance of Deliverables.</u> Contractor shall provide all Deliverables and Equipment identified in and as set forth in Exhibits II and VI or any Amendments to the Primary Contract.

2. Section 5.2 of the Contract is hereby deleted for purposes of this End User Contract.

3. Section 5.4 of the Contract shall be replaced in its entirety with the following:

a. <u>Financial Obligations</u>. Except as otherwise set forth in this End User Contract, Troy Police <u>Department</u>'s sole financial obligation hereunder shall be set forth Exhibits IV and VI of the Primary Contract. The amount and manner of payment of the financial obligation shall be a Purchase Order based on its respective amount in Exhibit VI of the Primary Contract.

4. Section 5.5 of the Primary Contract shall be replaced in its entirety with the following:

- a. <u>Payment Obligations</u>. Except as otherwise set forth in Exhibits II, IV and VI, Contractor shall submit an invoice to <u>Troy Police Department</u> Contract Administrator, or equivalent, itemizing amounts due and owing under this Contract, as of the date of the invoice. Invoices shall contain the following information: (a) County Contract Number; (b) itemized list of Deliverables;
- (c) Contractor Tax ID Number (federal and State); and (d) any other information reasonably requested by <u>Troy Police Department</u> Which shall have no obligation to make a payment under this End User Contract until an invoice is submitted in the form set forth herein and shall have no obligation to pay for Deliverables, which have not been invoiced (as required herein). Unless otherwise set forth in Exhibit II, <u>Troy Police Department</u> shall only pay Contractor for Deliverables under this End User Contract and not any subcontractors or assignees of Contractor.

5. Section 7.4 of the Primary Contract shall be replaced in its entirety with the following:

a. <u>Limitation of Liability.</u> Except for Claims resulting in personal injury or death, Contractor's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, indemnification, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed Ninety Eight Thousand Dollars (\$97,866.00). ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT NEITHER PARTY WILL BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOOD WILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS CONTRACT, THE SALE OR USE OF THE DELIVERABLES OR SOFTWARE, OR THE PERFORMANCE OF SERVICES BY CONTRACTOR PURSUANT TO THIS CONTRACT. This limitation of liability provision survives the expiration or termination of the Contract and applies notwithstanding any contrary provision.

6. Troy Police Department hereby agrees to abide by the terms, conditions, limitations and restrictions contained in Exhibit III (Software License Agreement) of the Primary Contract and further agrees and acknowledges that:

- a. The County of Oakland is purchasing and is thereby granted all personal, limited, non-transferable and non-exclusive Software licenses under the Primary Contract as more fully described in Section 3 of Exhibit III.
- b. <u>Troy Police Department</u> will not be a Licensee of the Software under the Primary Contract.
- c. Troy Police Department is a user of the Software under the Primary Contract.

7. Exhibit IV – Maintenance Agreement of the Primary Contract, is hereby modified as follows:

- a. Section 2.1 is hereby replaced with the following:
 - i. Fees for services under this Agreement are set forth in Amendment 3 to the Primary Contract (see Exhibit A).
- b. Section 3.3 is not applicable to this Contract.
- c. Schedule A- "7x24x365 Service 4-hour On-Site Response Fee Schedule" shall be in accordance with Exhibits II & VI of the Primary Contract.

d. Schedule A – "Spare Parts Kit – COUNTY Site Location(s)" is not applicable to this Contract.

The Parties hereby enter into this End User Contract as of the Effective Date.

M-4---1- C-1-4---- T---

Motorola Solutions, Inc.	1 roy Ponce Department
By: Mark Blaser	By:
Name: Mark Blaser	Name:
Title: Customer Support Manager	Title:
Date: 3.10.2022	Date:



OAKLAND COUNTY EXECUTIVE, L. BROOKS PATTERSON

COMPLIANCE OFFICE PURCHASING

Compliance Office | Purchasing 248-858-0511 | purchasing@oakgov.com

Information Technology/Corporation Counsel

RLB

AMENDMENT OF CONTRACT 004698

AMENDMENT 03

AMENDMENT DATE: December 18, 2020

This AMENDMENT OF CONTRACT (hereafter this "Amendment") is made and entered into by and between the Contractor named and identified below, (hereafter "Contractor") and the COUNTY OF OAKLAND (hereafter "County") whose address is 2100 Pontiac Lake Rd, Waterford, MI 48328.

CONTRACTOR	ADDRESS
Emergency CallWorks	1900 International Park Dr Ste 300
Vendor Number: 20240	Birmingham, AL 35243

The County and Contractor agree and acknowledge that the purpose of this Amendment is to modify as provided herein and otherwise continue the present contractual relationship between the Parties as described in their current contract with the same contract number as above.

In consideration of the extension of the mutual promises, representations, assurances, agreements, and provisions in the Contract and this Amendment, the adequacy of which is hereby acknowledged by the Parties, the County and Contractor hereby agrees to amend the current Contract as follows:

- 1.0 The County and Contractor agree that any and all defined words or phrases in the current Contract between the parties will apply equally to and throughout the amendment.
- 2.0 The Parties agree that any and all other terms and conditions set forth in the current Contract between the Parties shall remain in full force and effect and shall not be modified, excepted, diminished, or otherwise changed or altered by this Amendment except as otherwise expressly provided for in this Amendment.
- 3.0 Description of Change:

Add the following contract item as described below.

Amendment 3 updating Exhibits V and VI

Reflecting new pricing and extending the contract term to 1/31/2026

Extend the contract expiration date from 1/31/2021 to 1/31/2026

Add \$1,425,000.00 to the contract Not to Exceed (NTE) amount. The contract NTE will change from \$2,998,500.00 to \$4,423,500.00



OAKLAND COUNTY EXECUTIVE, L. BROOKS PATTERSON

COMPLIANCE OFFICE PURCHASING

Compliance Office | Purchasing 248-858-0511 | purchasing@oakgov.com

For and in consideration of the mutual assurances, promises, acknowledgments, warrants, representations, and agreements set forth in the Contract and this Amendment, and for other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned hereby execute this Amendment on behalf of the County, and Contractor and by doing so legally obligate and bind the County and Contractor to the terms and conditions of the Contract and this Amendment.

THE CONTRACTOR: SIGN / DATE: Elizabeth Heintzman (Dec 18, 2020 12:09 CST)

Emergency CallWorks

THE COUNTY OF OAKLAND: SIGN / DATE: Scott N. Guzzy (Dec 18, 20/20 13:07 EST)

Pamela L. Weipert, CPA CIA, Compliance Officer

or

Scott N. Guzzy, CPPO, MBA, Purchasing Administrator

cmk

THIRD AMENDMENT TO CONTRACT NUMBER 004698

	THIS TH	HIRD AME	ENDMENT	TO C	ONT	RACT	NUM	BER 0	0469	8 ("An	nendn	nent") i	is made and
entered	l into this	s da	ay of		,	2020,	by an	d amo	ong C	ounty	of O	akland	, Michigai
("Coun	ity") and	Motorola	Solutions.,	Inc. f.	/k/a	Emerge	ency (CallWo	orks ("Cont	ractor'	" or ".	Motorola")
Unless	otherwise	e defined h	erein, all ca	pitaliz	zed te	rms sh	all hav	e the	mean	ing set	forth	in the	Agreemen
(as defi	ined below	v).		-						-			-

RECITALS

- A. WHEREAS, County and Contractor entered into that certain Contract Number 004698 effective February 1, 2016 (Agreement"), whereby Contractor agreed to provide and County agreed to purchase NG911 Call Processing Equipment, including hardware, software, implementation services ("System") and maintenance services to the County as further described in the Agreement.
- B. WHEREAS, the Agreement expires January 31, 2021 and the parties wish to amend the Agreement to extend the Term to January 31, 2026.
- C. WHEREAS, in accordance with Section 2.2 of the Agreement, County and Contractor desire to memorialize the foregoing and to provide for other changes to the Agreement, all on the terms and conditions as set forth herein.

AGREEMENT

NOW THEREFORE, for and in consideration of the above premises, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, County and Contractor hereto agree as follows:

- 1. <u>Extension</u>. Section 2.2 provides that the Agreement may only be extended by mutual written agreement. The parties agree to extend the Agreement to January 31, 2026 ("Extended Term").
- 2. <u>Contract Price</u>. The total Contract Price for this Extended Term shall be \$2,591,389.46. This contract price shall be separated out by Oakland County Contract Pricing and Non-Oakland County Site Pricing.
- 3. <u>Exhibit V Oakland County Site Pricing.</u> For the Extended Term, updated pricing for Exhibit V Oakland County Total Site Pricing is \$1,422,218.62 and is attached hereto and incorporated herein by reference.
- 4. <u>Exhibit VI Non-Oakland County Site Pricing</u>. For the Extended Term, updated pricing for Exhibit VI Non-Oakland County Site Total Pricing is \$1,169,170.84 and is attached hereto and incorporated herein by reference.
- 5. Effective Date: The effective date of this Amendment shall be February 1, 2021.
- 6. <u>References</u>. All references to "Emergency Callworks" shall be revised to "Motorola Solutions, Inc.

5. <u>Conflict/No Other Modifications</u>. In the event of a conflict between the terms of this Amendment and the terms of the Agreement, this Amendment shall control. All other terms of the Agreement shall remain unchanged and remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be signed by their authorized representatives as of the Effective Date.

Oakland County, Michigan	Motorola Solutions, Inc.
By: Scott N. Guzzy (Dec 18, 2020 13:07 EST)	By: Elizabeth Heintzman [Dec 18, 2020 12:09 CST]
Name: Scott N. Guzzy	Name: Elizabeth Heintzman
Title: Admn Purchasing (001381)	Title: Area Sales Manager
Dec 18, 2020	Dec 18, 2020
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^{*}This pricing is tied to a December 18th, 2020 signature

Exhibit V - Oakland County Site Pricing

CHANGES IN SERVICE:

PSAP	Number of Positions	Years of Support	Current Expiration Date	New Expiration Date
Kentwood Data Center	HOST A	4 years / 3 Months	10/6/2021	1/31/2026
Southfield Data Center	HOST B	4 years / 3 Months	10/6/2021	1/31/2026
PCAP Server	PCAP Server	4 years / 3 Months	10/6/2021	1/31/2026
Oakland County Sheriff Office	22	3 years / 3 months	10/18/2022	1/31/2026
Pontiac Back-Up	6	4 years / 3 Months	10/9/2021	1/31/2026
Critical Spares	0	N/A	N/A	N/A
On-site Engineer	0	N/A	N/A	N/A

PRICING CHANGES:

PSAP	Number of Positions	Software Licenses	Software support	Hardware Front Room	Hardware Back Room	Services Config	Services Install	Onsite Support	Hardware Warranty*	Sub-Total
Kentwood Data Center	HOST A	\$0.00	\$24,640.66	\$0.00	\$64,088.30	\$1,100.00	\$20,756.56	\$30,600.00	\$7,539.80	\$148,725.32
Southfield Data Center	HOST B	\$0.00	\$24,640.66	\$0.00	\$64,088.30	\$1,100.00	\$20,756.56	\$30,600.00	\$7,539.80	\$148,725.32
PCAP Server	PCAP Server	\$0.00	\$0.00	\$0.00	\$13,943.40	\$0.00	\$590.54	\$15,300.00	\$1,640.40	\$31,474.34
Oakland County Sheriff Office	22	\$0.00	\$144,934.43	\$79,187.70	\$27,530.65	\$9,680.00	\$82,353.86	\$128,700.00	\$9,416.33	\$481,802.97
Pontiac Back-Up	6	\$0.00	\$45,418.97	\$16,355.70	\$10,005.35	\$2,640.00	\$22,062.32	\$45,900.00	\$3,101.30	\$145,483.64
Critical Spares	0	\$0.00	\$0.00	\$2,269.50	\$10,245.90	\$0.00	\$0.00	\$0.00	\$0.00	\$12,515.40
PSAP Licenses & Support	68.5	\$0.00	\$453,491.63	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$453,491.63

Totals \$0.00 \$693,126.35 \$97,812.90 \$189,901.90 \$14,520.00 \$146,519.84 \$251,100.00 \$29,237.63 \$1,422,218.62

Payment Schedule for Hardware Refresh & Hardware Warranty Purchase (due net 30 days upon invoice):

20% upon order of the hardware

30% upon County's receipt of hardware at an agreed upon location

30% at Data Center/PSAP Install

20% at Re-acceptance

^{*}Extended Hardware Warranty can only be purchased if Hardware Refresh is purchased. Current Hardware Warranty expires on date shown on above "Changes in Service" table.

^{**}Software Support & Onsite Support must be purchased on or prior to support expiration date shown on the above "Changes in Service" table and must be paid, in one lump sum, within 30 days after the applicable expiration date shown on the above "Changes in Service" table.

^{***} CallWorks software will be supported with or without a hardware refresh as long as the customer is current on their software support maintenance agreement. In a geo-diverse solution, if one psap opts in for a hardware refresh, and one does not, or if hardware refreshes are installed at different times, it will not affect the functionality of the software.

^{*}This pricing is tied to a December 18th, 2020 signature

			Pos. Count 0 Yrs. Spt. 4.25		Site Name: Kentwood Data Center Solution being Delivered: Hardware Refresh &	Outbound Text no			
Oty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price			
2	ECX100110-HR ECX100316	ECX Dual Server R440, HA Assembly, 2U, Replacement Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$16,404.00 \$61.00	EA EA	\$32,808.00 \$61.00				
	Hardware Sub-Tot	al			\$32,869.00	\$27,938.65			
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price			
1	ECX200009 ECX200015	SIPWORKS Enterprise, i3/IP INTERFACE License SIP Trunk Interface, ECW to Third Party	\$79,995.00 \$3,595.00	EA EA	\$79,995.00 \$3,595.00	\$0.00 \$0.00			
	Software Sub-Tota				\$83,590.00	\$0.00			
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price			
10	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$1,100.00	\$1,100.00			
	Configuration Serv	ices Sub-Total			\$1,100.00	\$1,100.00			
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price			
4 1 3 2 1 2 4	ECX500003 ECX500010 ECX500005-2 ECX500005-6 ECX500007-R ECX500017 ECX500104	SWITCH, 24-PORT POE, 1/10/100 FIREWALL- (3rd party connections (8 ports)) ROUTER (Enterprise/Remote) 1GB Port, CISCO, GLC-SX-MMD (Multi Mode) or GLC-TE (Copper) MISC, MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 16 ports - 2U 30A 120V (L5-30)	\$2,875.00 \$895.00 \$5,170.00 \$550.00 \$780.00 \$3,500.00 \$1,436.00	EA EA EA EA EA	\$11,500,00 \$895,00 \$15,510,00 \$1,100,00 \$780,00 \$7,000,00 \$5,744,00	\$9,775.00 \$760.75 \$13,183.50 \$935.00 \$663.00 \$5,950.00 \$4,882.40			
	Peripherals / Netw	rork Sub-Total			\$42,529.00	\$36,149.65			
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price			
10 1 1	ECX700001 ECX700002 ECX800001	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$990.00 \$8,238.28 \$3,023.28	EA UN UN	\$9,900.00 \$8,328.28 \$3,023.28	\$9,405,00 \$8,328,28 \$3,023,28			
	Professional Service	es Sub-Total			\$21,251,56	\$20,756.56			
	TOTAL NR Char	aes:			\$181,339.56	\$85,944.86			
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price			
0.85 1.25 4	ECX900003 ECX900004 ECX900005	SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$28,989.02 \$7,200.00 \$1,884.95	EA EA EA	\$24,640.67 \$30,600.00 \$7,539.80	\$24,640.66 \$30,600.00 \$7,539.80			
	Sub-Total Recurrin	g Charges:			\$62,780.47	\$62,780.46			
***	TOTAL COST OF	OWNERSHIP:	4.25	YEAR(s)	\$244,120.03	\$148,725.32			

			Pos. Count 0 Yrs. Spt. 4.25		Site Name: Southfield Data Center Solution being Delivered: Hardware Refresh &	
Oty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX100110-HR ECX100316	ECX Dual Server R440, HA Assembly, 2U, Replacement Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$16,404.00 \$61.00	EA EA	\$32,808.00 \$61.00	\$27,886.80 \$51.85
	Hardware Sub-Tot	al			\$32,869.00	\$27,938.65
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
1	ECX200009 ECX200015	SIPWORKS Enterprise, i3/IP INTERFACE License SIP Trunk Interface, ECW to Third Party	\$79,995.00 \$3,595.00	EA EA	\$79,995.00 \$3,595.00	\$0.00 \$0.00
	Software Sub-Tota	i			\$83,590.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
10	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$1,100.00	\$1,100.00
	Configuration Serv	rices Sub-Total			\$1,100.00	\$1,100.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
4 1 3 2 1 2 4	ECX500003 ECX500010 ECX500005-2 ECX500005-6 ECX500007-R ECX500017 ECX500104	SWITCH, 24-PORT POE. 1/10/100 FIREWALL- (3rd party connections (8 ports)) ROUTER (Enterprise/Remote) 1GB Port, CISCO, GLC-SX-MMD (Multi Mode) or GLC-TE (Copper) MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Morz., 16 ports - 2U 30A 120V (L5-30)	\$2,875.00 \$895.00 \$5,170.00 \$550.00 \$780.00 \$3,500.00 \$1,436.00	EA EA EA EA EA	\$11,500.00 \$895.00 \$15,510.00 \$1,100.00 \$780.00 \$7,000.00 \$5,744.00	\$9,775.00 \$760.75 \$13,183.50 \$935.00 \$663.00 \$5,950.00 \$4,882.40
	Peripherals / Netw	rork Sub-Total	1,000		\$42,529.00	\$36,149.65
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
10 1 1	ECX700001 ECX700002 ECX800001	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$990.00 \$8,238.28 \$3,023.28	EA UN UN	\$9,900.00 \$8,238.28 \$3,023.28	\$9,405.00 \$8,328.28 \$3,023.28
	Professional Service	ces Sub-Total			\$21,161.56	\$20,756.56
	TOTAL NR Char	aes:			\$181,249.56	\$85,944.86
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
0.85 4.25 4	ECX900003 ECX900004 ECX900005	SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$28,989.02 \$7,200.00 \$1,884.95	EA EA EA	\$24,640.67 \$30,600.00 \$7,539.80	\$24,640.66 \$30,600.00 \$7,539.80
	Sub-Total Recurrin	og Charges:			\$62,780.47	\$62,780.46
****	TOTAL COST OF	OWNERSHIP:	4.25	YEAR(s)	\$244,030.03	\$148,725.32

Outbound Tex n	Site Name: PCAP Server Solution being Delivered: Hardware Refresh &		Pos. Count 0 Yrs. Spt. 4.25			
OFFER Pric	Ext. Price	U/M	Unit Price	Telecom / Position / Host Hardware (100)	Part Number	Qty
\$13,943,40	\$16,404.00	EA	\$16,404.00	ECX Dual Server R440, HA Assembly, 2U, Replacement	ECX100110-HR	1
\$13,943.4	\$16,404.00			il e	Hardware Sub-Tot	
OFFER Pric	Ext. Price	U/M	Unit Price	System Services (600, 700, 800)	Part Number	
\$590.54	\$590.54	EA	\$590.54	PROJECT MANAGEMENT, UNIT	ECX700001	1
\$590.5	\$590.54			es Sub-Total	Professional Service	
\$14,533.9	\$16,994.54			res:	TOTAL NR Char	
OFFER Pric	Ext. Price	U/M	Unit Price	Recurring Maintenance Charges (900)	Part Number	
\$0.00	\$0.00	EA	\$0.00	SYSTEM SUPPORT, 5 YEAR	ECX900003	0.85
\$15,300.00 \$1,640.40	\$15,300.00 \$1,640.40	EA EA	\$3,600.00 \$410.10	ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	ECX900004 ECX900005	4.25
\$16,940.4	\$16,940.40			g Charges:	Sub-Total Recurrin	
\$31,474.34	\$33,934.94	YEAR(s)	4.25	OWNERSHIP:	TOTAL COST OF	****

			Pos. Count 22 Yrs. Spt. 3.25		Site Name: Oakland County Sheriff Offi Solution being Delivered: Hardware Refresh &	Outbound Text no
Oty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
22 41	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK	\$1,512.00 \$450.00	EA EA	\$33,264,00 \$18,450,00	\$28,274.40 \$15,682.50
22	ECX100001-NS ECX100201	AUDIO INTERFACE UNIT (AIU) VoIP Phone	\$1,350.00	EA	\$29,700.00	\$25,245,00
22	ECX100204	Keypad, Genovation 24 Keypad DTP	\$345.00 \$189.00	EA EA	\$7,590.00 \$4,158.00	\$6,451.50 \$3,534.30
1	ECX100315	Rack Shelf, Media Gateway (FXS), 1U, 2 GW per Shelf	\$32.00	EA	\$32.00	\$27.20
	Hardware Sub-Tot	al			\$93,194.00	\$79,214.90
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
22	ECX200001	CALLSTATION License	\$13,000.00	EA	\$286,000.00	\$0.00
1 88	ECX200015 ECX200022	SIP Trunk Interface, ECW to Third Party	\$3,595.00 \$98.00	EA	\$3,595.00 \$8,624.00	\$0.00
00	Zerzen-evene	VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$70.00	EA	2000	1000000
	Software Sub-Tota				\$298,219.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
88	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$9,680.00	\$9,680.00
	Configuration Serv	ices Sub-Tatal			\$9,680.00	\$9,680.00
				212772		
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX500003-8 ECX500004-FP	SWITCH, 8-PORT POE, 10/100/1000	\$1,143,00	EA EA	\$2,286.00 \$15.570.00	\$1,943,10 \$13,234,50
1	ECX500004-FP	SWITCH, 48-PORT POE (740W) ROUTER (Enterprise/Remote)	\$7,785.00 \$5,170.00	EA	\$5,170.00	\$4,394.50
2	ECX500007-R ECX500009-1	MISC. MAT., CABLES, RMTE., LOT PRINTER	\$780.00 \$558,00	EA EA	\$780.00 \$1,116.00	\$663.00 \$948.60
1	ECX500017	IP to Serial Dist., 16 port	\$3,500.00	EA	\$3,500.00	\$2,975.00
3	ECX500017-8 ECX500105	IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$1,250.00 \$895.00	EA EA	\$1,250.00 \$2,685.00	\$1,062.50 \$2,282.25
		W1411 W1 W1 W1 W1 W1 W1 W1 W1 W1 W1 W1 W1 W		10-00	\$32,357.00	USOS AND AND AND AND AND AND AND AND AND AND
	Peripherals / Netw					\$27,503.45
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
44	ECX700001	PROJECT MANAGEMENT, UNIT	\$990.00	EA	\$43,560.00	\$41,382.00
1	ECX700002 ECX800001	SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$31,641.85 \$11,486.43	UN	\$31,641.85 \$11,486.43	\$30,059.76 \$10,912.10
	Professional Service	1.531634.2364135			\$86.688.28	\$82,353.86
					- Contraction of the Contraction	
	TOTAL NR Chan	ges:			\$520,138.28	\$198,752.21
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
.81	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$178,931,40	EA	\$144,934,43	\$144,934.43
3.25	ECX900004	ONSITE MAINTENANCE, per YEAR	\$39,600.00	EA	\$128,700.00	\$128,700.00
3	ECX900005	EXTENDED WARRANTY, per YEAR (2-5)	\$3,138.78	EA	59,416.33	\$9,416.33
	Sub-Total Recurrin	og Charges:			\$283,050.76	\$283,050.76
			Pos. Count 6 Yrs. Spt.		Site Name: Pontiac Back-Up Solution being Delivered:	Outbound Text
			6		Pontiac Back-Up	
)ty	Part Number	Telecom / Position / Host Hardware (100)	Yrs. Spt.	U/M	Pontiac Back-Up Solution being Delivered:	
	Part Number ECX100101	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM	6 Yrs. Spt. 4.25 Unit Price		Pontiac Back-Up Solution being Delivered: Hardware Refresh & Ext. Price	OFFER Price
6	ECX100101 ECX100001-NS	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU)	6 Yrs. Spt. 4.25 Unit Price 51,512.00 51,350.00	EA EA	Pontiac Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00	OFFER Price \$7,711.20 \$6,885.00
6 6	ECX100101	WKS PC, Dual Video, 8qb RAM	6 Yrs. Spt. 4.25 Unit Price \$1,512.00	EA	Pontiac Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072,00	OFFER Price \$7,711.20 \$6,885.00 \$1,759.50
6 6 6	ECX100101 ECX100001-NS ECX100201	WKS PC, Dual Video, 8gb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00	EA EA EA	Pontiac Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$2,070.00	OFFER Prior \$7,711.20 \$6,885.00 \$1,759.50 \$569.50
6 6 6	ECX100101 ECX100001-NS ECX100201 ECX100313	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$547.00	EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$5,072.00 \$1,00.00 \$2,070.00 \$570.00	97,711.20 \$5,885.00 \$1,759.50 \$559.50 \$51.85
6 6 6	ECX100101 ECX100001-NS ECX100201 ECX100313 ECX100316	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$547.00	EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$570.00 \$570.00 \$51.00	OFFER Prior \$7,711.20 \$6.885.00 \$1,759.50 \$569.50 \$51.85
6 6 6 1 1	ECX100101 ECX100001-NS ECX100201 ECX100313 ECX100316 Hardware Sub-Tota Part Number	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VolP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf SI Software Components (200)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00	EA EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$570.00 \$61.00 \$119,972.00 Ext. Price	OFFER Prior 57.711.20 56.885.00 51.759.50 5569.50 \$51.6977.00 OFFER Prior
6	ECX100101 ECX100001-NS ECX100201 ECX100313 ECX100316 Hardware Sub-Tota	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00	EA EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$1,00.00 \$2,070.00 \$670.00 \$61.00 \$12,973.00	0FFER Prior 57.711.26 55.885.00 51.793.50 5569.50 551.85 \$16,977.00
6	ECX100101 ECX100001-NS ECX100201 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$5470.00 \$61.00 Unit Price \$13,000.00	EA EA EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$5,072.00 \$5,100.00 \$2,070.00 \$670.00 \$61.00 Ext. Price \$76,000.00	0FFER Prior 57.711.20 56.885.00 51.759.50 559.50 551.85 \$16,977.00 0FFER Prior 50.00 50.00
6	ECX100101 ECX100001-NS ECX100201 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200012 Software Sub-Total	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$570.00 \$51.00 Ext. Price \$78,000.00 \$2,352.00 \$90,352.00	57.711.20 57.711.20 56.885.00 \$1,759.50 \$51.85 \$16.977.00 OFTER Prior \$0.00 \$0.00
6 6 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100213 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200022 Software Sub-Total Part Number	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA U/M	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$670.00 \$61.00 \$159,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price	0FFER Prior 57.711.20 55.885.00 51.759.50 51.759.50 51.85 \$16.977.00 0FFER Prior 50.00 \$0.00
6 6 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200012 Software Sub-Total	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$570.00 \$51.00 Ext. Price \$78,000.00 \$2,352.00 \$90,352.00	0FFER Prior 57.711.20 55.885.00 51.759.50 51.759.50 51.85 \$16.977.00 0FFER Prior 50.00 \$0.00
6 6 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200022 Software Sub-Total Part Number	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA U/M	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$670.00 \$61.00 \$159,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price	97.711.20 \$7.711.20 \$6.885.00 \$1.739.00 \$5.69.50 \$1.6977.00 \$0.00
6 6 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100213 ECX100213 ECX100214 Part Number ECX200001-LU ECX200012 Software Sub-Total Part Number ECX400004 Configuration Servi	WKS PC, Dual Video, 8qb RAM AUDIO INTERRACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf sl Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA U/M	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$5,072,00 \$5,100,00 \$5,100,00 \$61,00 \$10,973,00 Ext. Price \$76,000,00 \$2,352,00 \$80,352,00 Ext. Price \$2,640,00 \$2,640,00 \$2,640,00	OFFER Prior \$7,711.20 \$5,885.00 \$1,759.00 \$1,759.00 \$5,85 \$16,977.00 OFFER Prior \$0.000 \$0.000 \$0.000 \$2,640.00 \$2,640.00
6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ious Sub-Total Network and Misc. Hardware and Equipment (500)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA U/M EA EA U/M UN	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072,00 \$5,100,00 \$5,100,00 \$670,00 \$670,00 \$61,00 \$19,973,00 Ext. Price \$78,000,00 \$2,352,00 Ext. Price \$2,640,00 \$2,640,00 Ext. Price	0FFER Prior \$7,711.20 \$5,885.00 \$5,885.00 \$559.50 \$51,595.05 \$16,977.00 OFFER Prior \$0.000 \$0.000 \$0.000 \$2,640.00 \$2,640.00 OFFER Prior OFFER Prior \$2,640.00
6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$5,700.00 \$5,700.00 \$5,700.00 \$19,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$2,640.00 \$2,750.00	97.711.20 \$7.711.20 \$6.885.00 \$1.759.50 \$5.859.50 \$1.6977.00 90.00 \$0.00 \$0.00 \$2,640.00 \$2,640.00 \$4.887.50 \$4.887.50
6 6 6 1 1 1 1 6 6 24	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX200001-LU ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ious Sub-Total Network and Misc. Hardware and Equipment (500)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA U/M EA EA U/M UN	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072,00 \$5,100,00 \$5,100,00 \$670,00 \$670,00 \$61,00 \$19,973,00 Ext. Price \$78,000,00 \$2,352,00 Ext. Price \$2,640,00 \$2,640,00 Ext. Price	97.711.20 57.711.20 56.885.00 51.793.50 5569.50 51.85 \$16,977.00 90.00 \$0.00 \$0.00 \$2,640.00 \$2,640.00 \$4.887.50 \$4.887.50
6 6 6 1 1 1 1 6 6 24	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX20001-U ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500003 ECX500003	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Stib-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA U/M UN UN	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$5,100.00 \$5,100.00 \$570.00 \$61.00 \$19,973.00 Ext. Price \$76,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 Ext. Price \$2,640.00 \$2,550.00 \$3,5750.00 \$3,750.00 \$3,750.00 \$3,750.00 \$3,750.00	0FFER Prior 57.711.20 56.885.00 51.753.50 5569.50 551.88 \$16,977.00 0FFER Prior \$0.00 \$2.640.00 0FFER Prior \$2.640.00 0FFER Prior \$4.887.50 \$2.975.00 \$1.521.50
6 6 6 1 1 1 1 6 6 24	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100313 ECX100316 Hardware Sub-Tota Part Number ECX20001-LU ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500105 Peripherals / Network	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) oork Sub-Total	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$5470.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA U/M UN UN EA EA EA	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$570.00 \$570.00 \$570.00 \$570.00 \$570.00 \$570.00 \$570.00 \$570.00 \$570.00 \$570.00 \$578.000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00	0FFER Price \$7.711.20 \$6.885.00 \$1.759.50 \$559.50 \$51.85 \$16.977.00 OFFER Price \$2.640.00 \$2.640.00 \$2.640.00 \$2.975.00 \$1.521.50 \$3.975.00 \$3.975.00 \$3.975.00 \$3.975.00 \$3.975.00 \$3.975.00
66661111	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100316 Hardware Sub-Total Part Number ECX200001-UU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500105 Peripherals / Netwo	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 10 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$570.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA U/M UN U/M EA EA EA EA U/M	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$670.00 \$570.00 \$51.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00	0FFER Prior \$7.711.20 \$5.885.00 \$1.759.50 \$559.50 \$51.85 \$16,977.00 OFFER Prior \$0.00 \$2,640.00 OFFER Prior \$4.887.50 \$2,975.00 \$1.521.50 \$9,384.00 OFFER Prior OFFER Prior \$9,384.00 OFFER Prior \$1.521.50
6 6 6 6 1 1 1 1 6 6 6 2 4 4 2 2 4 2 2 1 1 2 2 2 1 1 2 2	ECX100101 ECX100001-NS ECX100201 ECX100213 ECX100213 ECX100214 Part Number ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX5000017 ECX500105 Peripherals / Netw	WKS PC, Dual Video, 8qb RAM AUDIO INTERRACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf sl Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour iose Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 10 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$2,287.00 \$3,500.00 \$895.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$5,072,00 \$5,100,00 \$5,100,00 \$61,00 \$61,00 \$19,973,00 Ext. Price \$76,000,00 \$2,352,00 Ext. Price \$2,640,00 \$2,640,00 Ext. Price \$5,750,00 \$3,550,00 \$1,790,00 \$1,790,00 \$1,790,00 \$1,790,00 \$1,1040,00 Ext. Price \$1,800,00 \$1,800,00 \$1,800,00 \$1,800,00 \$1,800,00 \$1,800,00	OFFER Prior \$7,711.20 \$6.885.00 \$1,739.50 \$56.85.00 \$55.85 \$16,927.02 OFFER Prior \$0.000 \$2,640.00 \$2,640.00 OFFER Prior \$4.887.50 \$2.975.00 \$1,521.50 \$9,384.00 OFFER Prior \$1,266.00
666661111	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100316 Hardware Sub-Total Part Number ECX200001-UU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500105 Peripherals / Netwo	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 10 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$570.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA U/M UN U/M EA EA EA EA U/M	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$2,070.00 \$670.00 \$570.00 \$51.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00	OFFER Prior \$7,711.20 \$5,885.00 \$1,759.50 \$51,859.50 \$51,85 \$16,977.00 OFFER Prior \$0,00 \$2,040.00 OFFER Prior \$4,887.50 \$2,975.00 \$1,521.50 \$9,384.00 OFFER Prior \$1,266.00 \$7,906.25
6 6 6 6 1 1 1 1 6 6 6 2 2 4 2 4 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100313 ECX100314 Hardware Sub-Total Part Number ECX200001-LU ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500105 Peripherals / Netw	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$570.00 \$570.00 \$570.00 \$12,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,5575.00 \$1,000	OFFER Prior \$7,711.20 \$6,885.00 \$1,759.50 \$1,759.50 \$51,859.50 \$51,859.50 \$0.00 \$0.00 \$0.00 OFFER Prior \$4,887.50 \$2,975.00 \$1,521.50 \$9,384.00 OFFER Prior \$1,286.00 \$7,906.25 \$2,870.08
6 6 6 6 1 1 1 1 6 6 6 2 2 4 2 4 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100313 ECX100313 EXTRUMBER ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500015 Peripherals / Network Part Number ECX700001 ECX700001 ECX700001 ECX700002 ECX500001 Professional Service	WKS PC, Dual Video, 8qb RAM AUDIO INTERRACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour sices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$670.00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$670.00 \$670.00 \$15,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,180.00 \$2,22,37 \$3,021.13	OFFER Prior \$7,711.20 \$6,885.00 \$1,759.00 \$1,759.00 \$51,759.00 \$51,659.50 \$51,659.70 OFFER Prior \$0.00 \$2,640.00 \$2,640.00 \$4,887.50 \$2,975.00 \$1,521.20 \$7,906.25 \$2,870.00 \$22,062.31
6 6 6 6 1 1 1 1 6 6 6 2 2 4 2 4 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100213 ECX100213 EXTRUMBER ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500017 ECX500105 Peripherals / Netw Part Number ECX700001 ECX700001 ECX700002 ECX600001 Professional Servic TOTAL NR Characteria	WKS PC, Dual Video, 8qb RAM AUDIO INTERRACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Stub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245,00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$670.00 \$61,000 \$19,972.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,252.00 Ext. Price \$3,640.00 \$1,790.00	OFFER Prior \$7.711.20 \$6.885.00 \$1.759.00 \$1.759.00 \$5.859.50 \$51.65 \$16,977.00 OFFER Prior \$0.000 \$2.640.00 OFFER Prior \$4.887.50 \$2.975.00 \$15.21.50 \$7.906.25 \$2.870.08 \$22,062.32 \$51,063.33
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666661111	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100213 ECX100213 EXTRUMBER ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500017 ECX500105 Peripherals / Netw Part Number ECX700001 ECX700001 ECX700002 ECX600001 Professional Servic TOTAL NR Characteria	WKS PC, Dual Video, 8qb RAM AUDIO INTERRACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Stub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245,00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$8,100.00 \$1,000 \$670.00 \$61,000 \$19,972.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,252.00 Ext. Price \$3,640.00 \$1,790.00	OFFER Prior \$7,711.20 \$6.885.00 \$1,795.05 \$56.950 \$516,977.05 OFFER Prior \$0.000 \$2,640.00 \$2,640.00 OFFER Prior \$1,264.00 \$1,275.00 \$1,521.50 \$1,266.00 \$7,906.25 \$2,870.00 \$22,062.35 \$51,063.35 OFFER Prior
6 6 6 6 6 1 1 1 1 6 6 2 2 4 4 2 2 1 1 2 2 1 1 1 1 1 8 8 5 2 5 5	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100213 ECX100213 EXX100216 Part Number ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500105 Peripherals / Netwo	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ideas Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist. 16 port PDU, Rack Mount, Horz., 8 ports - 10 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot Recurring Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, per YEAR	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$345.00 \$345.00 \$4670.00 \$51.300.00 \$380.00 Unit Price \$13,000.00 \$38.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$53,434.08 \$510,800.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$1,0070.00 \$570.00 \$51,000 \$51,000 \$19,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$1,040.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$3,200.00 \$1,040.00 \$2,750.00 \$3,200.00 \$1,040.00 \$2,750.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00	0FFER Prior 57.711.20 56.885.00 51.759.50 559.50 551.85 \$16.977.00 OFFER Prior 52.640.00 OFFER Prior 52.640.00 OFFER Prior 52.640.00 OFFER Prior 52.670.00 52.670.00 S2.975.00 51.521.50 59.384.00 OFFER Prior 51.521.50 57.966.25 52.870.08 \$22.062.37 OFFER Prior 545.418.97 545.900.00
6 6 6 6 6 1 1 1 1 6 6 2 2 4 4 2 2 1 1 2 2 1 1 1 1 1 8 8 5 2 5 5	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100213 ECX100213 EXTRUMBER ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500105 Peripherals / Netwo	WKS PC, Dual Video, 8qb RAM AUDIO INTERRACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour sices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot Ses Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$245,00 \$670.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$53,40.00 \$53,40.00 \$53,500.00 \$6,322.37 \$3,021.13	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$8,100.00 \$670.00 \$670.00 \$6100 \$19,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,352.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,190.00 Ext. Price \$11,880.00 \$3,322.37 \$3,021.13 \$27,232.64 \$141,237.64 Ext. Price \$45,418.97	0FFER Prior 57.711.20 56.885.00 51.759.50 559.50 551.85 \$16.977.00 OFFER Prior 52.640.00 OFFER Prior 52.640.00 OFFER Prior 52.640.00 OFFER Prior 52.670.00 52.670.00 S2.975.00 51.521.50 59.384.00 OFFER Prior 51.521.50 57.966.25 52.870.08 \$22.062.37 OFFER Prior 545.418.97 545.900.00
6 6 6 6 6 1 1 1 6 6 2 4 2 4 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100213 ECX100213 ECX100213 EXX100216 Part Number ECX200001-LU ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500105 Peripherals / Netwo	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU) VoIP Phone Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License, Limited Use / Dark VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioses Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ses Sub-Total Des: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	6 Yrs. Spt. 4.25 Unit Price \$1,512.00 \$1,350.00 \$345.00 \$345.00 \$345.00 \$4670.00 \$51.300.00 \$380.00 Unit Price \$13,000.00 \$38.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$53,434.08 \$510,800.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Pontiae Back-Up Solution being Delivered: Hardware Refresh 8. Ext. Price \$9,072.00 \$8,100.00 \$1,0070.00 \$570.00 \$51,000 \$51,000 \$19,973.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$1,040.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$1,040.00 \$2,750.00 \$3,200.00 \$1,040.00 \$2,750.00 \$3,200.00 \$1,040.00 \$2,750.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00 \$3,200.00	OFFER Price \$7,711.20 \$6,885.00 \$1,759.50 \$569.50

Exhibit VI – Non-Oakland County Site Pricing

CHANGES IN SERVICE:

PSAP	Number of Positions	Years of Support	Current Expiration Date	New Expiration Date
Berkley Dept. Of Public Safety	3	3 years / 6 months	7/11/2022	1/31/2026
Birmingham Police Dept.	3	3 years / 0 months	2/17/2023	1/31/2026
Bloomfield Hills Dept of PS	1.5	3 years / 9 months	4/19/2022	1/31/2026
Bloomfield Twp PD	4	3 years / 9 months	4/5/2022	1/31/2026
Farmington Hills PD	5	3 years / 8 months	5/21/2022	1/31/2026
Ferndale PD	3	3 years / 9 months	4/9/2022	1/31/2026
Hazel Park PD	2	3 years / 4 months	9/12/2022	1/31/2026
Madison Heights PD	4	3 years / 8 months	5/22/2022	1/31/2026
Novi Regional	4	3 years / 7 months	5/30/2022	1/31/2026
Oak Park Dept. of PS	2	3 years / 3 months	10/23/2022	1/31/2026
Rochester PD	2	3 years / 9 months	4/24/2022	1/31/2026
Royal Oak PD	5	3 years/ 9 months	4/20/2022	1/31/2026
Southfield PD	6	4 years / 1 month	12/14/2021	1/31/2026
Troy PD	6	3 years / 4 months	9/13/2022	1/31/2026
Waterford Twp. PD	5	3 years / 8 months	6/1/2022	1/31/2026
West Bloomfield PD	5	3 years / 8 months	5/22/2022	1/31/2026
White Lake Twp. PD	2	3 years / 4 months	9/7/2022	1/31/2026
Oakland University	2	3 years / 4 months	9/24/2022	1/31/2026

PRICING CHANGES:

	Number									
	of	Software	Software	Hardware	Hardware	Services	Services	Onsite	Hardware	
PSAP	Positions	Licenses	support	Front Room	Back Room	Config	Install	Support	Warranty*	Sub-Total
Berkley Dept. Of Public Safety	3	\$0.00	\$0.00	\$6,364.80	\$14,611.50	\$1,320.00	\$11,898.10	\$18,900.00	\$1,850.85	\$54,945.25
Birmingham Police Dept.	3	\$0.00	\$0.00	\$9,807.30	\$10,200.00	\$1,320.00	\$11,762.55	\$16,200.00	\$1,176.90	\$50,466.75
Bloomfield Hills Dept of PS	1.5	\$0.00	\$0.00	\$3,944.85	\$12,053.85	\$440.00	\$5,033.31	\$10,125.00	\$1,411.65	\$33,008.66
Bloomfield Twp PD	4	\$0.00	\$0.00	\$14,606.40	\$9,384.00	\$1,760.00	\$15,421.75	\$27,000.00	\$2,116.80	\$70,288.95
Farmington Hills PD	5	\$0.00	\$0.00	\$18,258.00	\$14,314.00	\$2,200.00	\$19,564.55	\$33,030.00	\$2,874.00	\$90,240.55
Ferndale PD	3	\$0.00	\$0.00	\$9,807.30	\$11,432.50	\$1,320.00	\$11,927.40	\$20,250.00	\$1,874.10	\$56,611.30
Hazel Park PD	2	\$0.00	\$0.00	\$6,538.20	\$11,943.35	\$880.00	\$8,432.20	\$11,988.00	\$1,630.73	\$41,412.48
Madison Heights PD	4	\$0.00	\$0.00	\$10,011.30	\$11,495.40	\$1,320.00	\$11,957.08	\$19,818.00	\$1,897.65	\$56,499.43
Novi Regional	4	\$0.00	\$0.00	\$14,606.40	\$13,839.70	\$1,760.00	\$15,917.25	\$25,776.00	\$2,509.95	\$74,409.30
Oak Park Dept. of PS	2	\$0.00	\$0.00	\$7,303.20	\$15,103.65	\$880.00	\$8,868.71	\$11,700.00	\$1,977.08	\$45,832.64
Rochester PD	2	\$0.00	\$0.00	\$6,066.45	\$10,047.00	\$880.00	\$8,168.85	\$13,500.00	\$1,421.78	\$40,084.08
Royal Oak PD	5	\$0.00	\$0.00	\$16,345.50	\$11,660.30	\$2,200.00	\$19,056.76	\$33,750.00	\$2,471.10	\$85,483.66
Southfield PD	6	\$0.00	\$0.00	\$21,909.60	\$15,736.05	\$2,640.00	\$23,317.24	\$44,064.00	\$4,428.90	\$112,095.79
Troy PD	6	\$0.00	\$0.00	\$19,997.10	\$13,460.60	\$2,640.00	\$22,851.51	\$35,964.00	\$2,952.15	\$97,865.36
Waterford Twp. PD	5	\$0.00	\$0.00	\$17,454.75	\$12,797.60	\$2,200.00	\$19,306.59	\$33,030.00	\$2,669.33	\$87,458.27
West Bloomfield PD	5	\$0.00	\$0.00	\$18,551.25	\$10,047.00	\$2,200.00	\$19,122.64	\$33,030.00	\$2,523.38	\$85,474.27
White Lake Twp. PD	2	\$0.00	\$0.00	\$7,303.20	\$10,521.30	\$880.00	\$8,359.13	\$11,988.00	\$1,572.75	\$40,624.38
Oakland University	2	\$0.00	\$0.00	\$7,889.70	\$14,441.50	\$880.00	\$9,200.12	\$11,988.00	\$1,970.40	\$46,369.72

Non-Oakland County Site Totals \$0.00 \$0.00 \$216,765.30 \$223,089.30 \$27,720.00 \$250,165.74 \$412,101.00 \$39,329.50 \$1,169,170.84

Payment Schedule for Hardware Refresh & Hardware Warranty Purchase (due net 30 days upon invoice):

20% upon order of the hardware

30% upon County's receipt of hardware at an agreed upon location

30% at Data Center/PSAP Install

20% at Re-acceptance

^{*}Extended Hardware Warranty can only be purchased if Hardware Refresh is purchased. Current Hardware Warranty expires on date shown on above "Changes in Service" table.

^{**}Software Support & Onsite Support must be purchased on or prior to support expiration date shown on the above "Changes in Service" table and must be paid, in one lump sum, within 30 days after the applicable expiration date shown on the above "Changes in Service" table.

^{***} CallWorks software will be supported with or without a hardware refresh as long as the customer is current on their software support maintenance agreement. In a geo-diverse solution, if one psap opts in for a hardware refresh, and one does not, or if hardware refreshes are installed at different times, it will not affect the functionality of the software.

^{*}This pricing is tied to a December 18th, 2020 signature

			Pos. Count 3 Yrs. Spt. 3.5		Site Name: Berkley Dept of Public Safet Solution being Delivered: Hardware Refresh &	Outbound Text no
Oty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
3	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK	\$1,512.00 \$450.00	EA EA	\$4,536.00 \$1,350.00	\$3,855.60 \$1,147.50
3	ECX100201 ECX100204	VoIP Phone	\$345.00 \$189.00	EA EA	\$1,035.00	\$879.75 \$481.95
1	ECX100305-1	Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec)	\$1,085,00	EA	\$567.00 \$1,085.00	\$922.25
2	ECX100311 ECX100316	Media Gateway, 8 port FXO to SIP (Admin/Rinodown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,085.00 \$61.00	EA EA	\$3,255.00 \$122.00	\$2,766.75 \$103.70
	Hardware Sub-Total	100 100 100 100 100 100 100 100 100 100			\$11,950.00	\$10,157.50
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
3	ECX200001	CALLSTATION License	\$13,000.00	EA	\$39,000.00	\$0.00
12	ECX200022	VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$98.00	EA	\$1,176.00	\$0.00
	Software Sub-Total				\$40,176.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
12	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$1,320.00	\$1,320.00
	Configuration Service	es Sub-Total			\$1,320.00	\$1,320.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
1 2	ECX500002-PR ECX500003	POS, BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100	\$350.00 \$2,875.00	EA EA	\$350.00 \$5,750.00	\$297.50 \$4,887.50
1	ECX500007-R ECX500009-1	MISC. MAT., CABLES, RMTE., LOT PRINTER	\$780.00 \$558.00	EA EA	\$780.00 \$558.00	\$663.00 5474.30
1	ECX500017	IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$3,500.00	EA	\$3,500.00	\$2,975.00
2	ECX500105		\$895.00	EA	\$1,790.00	\$1,521.50
	Peripherals / Networ				\$12,728.00	\$10,818.80
100	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
6	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$990.00 \$4,830.70	EA UN	\$5,940,00 \$4,830,70	\$5,643.00 \$4,589.17
1	ECX800001	SYSTEM ENGINEERING, Lot	\$1,753.61	UN	\$1,753.61	\$1,665.93
	Professional Services	Sub-Total			\$14,859.06	\$11,898.10
	TOTAL NR Charge	s:			\$81,033.06	\$34,194.40
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
0.88	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$24,105.60	EA	\$21,212.93	\$0.00
3.5	ECX900004 ECX900005	ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$5,400.00 \$616.95	EA EA	\$18,900.00 \$1,850.85	\$18,900.00 \$1,850.85
100	CONTROL OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF T	Charmer	W-1000000	0.000	\$41,963.78	\$20,750.85
****	Sub-Total Recurring O	and section	3.5	YEAR(s)	\$122,996.84	\$54,945.25
	Mark State Control of the	and section	Pos. Count Yrs. Spt.	YEAR(s)	\$122,996.84 Site Name: Birmingham Solution being Delivered: Hardware Refresh &	\$54,945.25
Oty	TOTAL COST OF O	WNERSHIP:	Pos. Count 3 Yrs. Spt. 3		Site Name: Birmingham Solution being Delivered: Hardware Refresh &	Outbound Text no
Oty	TOTAL COST OF O	Telecom / Position / Host Hardware (100)	Pos. Count 3 Yrs. Spt. 3 Unit Price	U/M	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price	Outbound Text no
3	Part Humber ECX100101 ECX100103	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W° FP, BLK	Pos. Count 3 Yrs. Spt. 3 Unit Price 51,512.00 5450.00	U/M EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00	Offer Price \$3,855.60 \$1,147.50
3 3 3 3	Part Number ECX100101 ECX100103 ECX100201	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00	U/M EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00	Orfer Price \$3,855.60 \$1,147.50 \$3,442.50 \$879.75
3 3 3	Part Number ECX100101 ECX100103 ECX100001-NS	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W Pp, BLK AUDIO INTERFACE UNIT (AIU)	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00	U/M EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00	Outbound Text no OFFER Price 53,855,60 51,147,50 53,442,50
3 3 3 3	Part Number ECX100101 ECX100103 ECX100201-N5 ECX100201 ECX100204	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22½" FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00 \$189.00	U/M EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,330.00 \$4,050.00 \$1,035.00 \$567.00	OFFER Price 53,855.60 51,147.50 53,442.50 5879.75 5481.95
3 3 3 3	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22½" FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00 \$189.00	U/M EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,330.00 \$4,050.00 \$1,035.00 \$567.00 \$5610.00	OFFER Price. 53,855.60 51,147.50 53,442.50 5879.75 5481.95 518.50
3 3 3 3 1	Part Number ECX100101 ECX100101 ECX100103 ECX100001-N5 ECX100204 ECX100212-1 Handware Sub-Total Part Number ECX200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video. 8ab RAM MONITOR. 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software. Components (200) CALLSTATION License	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1850.00 \$1850.00 \$1850.00 \$1850.00	U/M EA EA EA EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$567.00 \$512,148.00 Ext. Price \$39,000.00	OFFER Price \$3,855.60 \$1,147.50 \$3,442.50 \$879.75 \$481.95 \$518.50 OFFER Price \$0.00
3 3 3 3 1	Part Number ECX100101 ECX100103 ECX100001-N5 ECX100204 ECX100312-1 Hardware Sub-Total Part Number ECX200001 ECX200001 ECX200002	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W° FP, BLK AUDIO INTERFACE UNIT (AUV) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rac) Software, Components (200)	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$189.00 \$610.00	U/M EA EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$567.00 \$512,148.00 Ext. Price \$39,000.00 \$882.00	OFFER Price \$3,855.60 \$1,147.50 \$379.75 \$481.95 \$518.50 OFFER Price \$0.00 \$0.00
3 3 3 3 1	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1 Hardware Sub-Total Part Number ECX200001 ECX200002 Software Sub-Total	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ob RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VOP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FVS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$189.00 \$189.00	U/M EA EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$567.00 \$512,148.00 Ext. Price \$39,000.00 \$882.00 \$35,882.00	OFFER Price \$3,855.60 \$1,147.50 \$3,475.50 \$3,475.55 \$481.95 \$518.50 OFFER Price \$0.00 \$0.00
333331	Part Number ECK100101 ECK100103 ECK100001-NS ECK100201 ECK100201 ECK100201 ECK100201 ECK100201 ECK100201 ECK200001 ECK200001 ECK200001 ECK200001 ECK200001 ECK200001 ECK200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8cb RAM MONITOR, 22W° FP, BLK AUDIO INTERFACE UNIT (ALU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$189.00 \$610.00 Unit Price Unit Price	U/M EA EA EA EA EA EA EA EA EA U/M	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536,00 \$1,350,00 \$4,050,00 \$1,035,00 \$567,00 \$5610,00 \$12,148,00 Ext. Price \$39,000,00 \$882,00 \$39,882,00 Ext. Price	OFFER Price \$3,855.60 \$1,147.50 \$3,442.50 \$3,442.50 \$57.55 \$481.95 \$518.90 OFFER Price \$0,000 \$0,000 OFFER Price
3 3 3 3 1	Part Number ECX100101 ECX100103 ECX100201 ECX100201 ECX100204 ECX100201 ECX100212-1 Hardware Sub-Total Part Number ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONTOR, 22W° FP, BLK AUDIO INTERPACE UNIT (AU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rac) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos, / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	Pos. Count 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$189.00	U/M EA EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536,00 \$1,350,00 \$4,050,00 \$51,035,00 \$567,00 \$567,00 \$512,148,00 Ext. Price \$39,000,00 \$882,00 \$39,882,00 Ext. Price \$1,320,00	OFFER Price \$3,855.60 \$1,147.50 \$3,442.50 \$379.75 \$481.95 \$518.50 \$10,325.80 OFFER Price \$0.00 \$0.00 OFFER Price \$1,20.00
333331	Part Number ECX100101 ECX100103 ECX100001 ECX100001 ECX100001 ECX1000101 ECX1000101 ECX1000101 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port P/S to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total	Pos. Count 3 Yrs. Spt. 3 Vnit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$189.00 \$610.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	U/M EA EA EA EA EA EA EA U/M U/M U/M	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536,00 \$1,350,00 \$4,050,00 \$1,035,00 \$567,00 \$5610,00 \$12,148,00 Ext. Price \$39,000,00 \$882,00 \$39,882,00 Ext. Price	OFFER Price 53,855.60 51,147.50 53,442.50 5379.75 5481.95 5518.50 OFFER Price 50.00 OFFER Price 51,320.00 \$1,320.00
333331	Part Number ECX100101 ECX100103 ECX100201 ECX100201 ECX100204 ECX100201 ECX100212-1 Hardware Sub-Total Part Number ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$189.00 \$610.00 Unit Price Unit Price	U/M EA EA EA EA EA EA EA EA EA U/M	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536,00 \$1,350,00 \$4,050,00 \$51,035,00 \$567,00 \$567,00 \$512,148,00 Ext. Price \$39,000,00 \$882,00 \$39,882,00 Ext. Price \$1,320,00	OFFER Price 53,855.60 51,147.50 53,442.50 5379.75 5481.95 5518.50 OFFER Price 50,00 OFFER Price 51,320.00 \$1,320.00
333331	Part Number ECX100101 ECX100103 ECX100001 ECX100001 ECX100001 ECX1000101 ECX1000101 ECX1000101 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port P/S to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total	Pos. Count 3 Yrs. Spt. 3 Vnit Price \$1,512.00 \$450.00 \$1350.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$150.00 \$10.00 Unit Price \$110.00 Unit Price \$110.00	U/M EA EA EA EA EA EA U/M U/M U/M EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$567.00 \$512,148.00 Ext. Price \$39,000.00 \$882.00 \$39,882.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$350.00	Outbound Text no OFFER Price \$3,855.60 \$1,147.50 \$3,475.50 \$379.75 \$481.95 \$518.50 OFFER Price \$0.00 \$0.00 \$1,320.00 OFFER Price \$297.50
3 3 3 3 3 3 1 1 3 9	Part Number ECX100101 ECX100103 ECX100001-NS ECX100204 ECX1002121 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500002-PR	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ob RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Stub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Disc., 16 port	Pos. Count 3 Yrs. Spt. 3 Vnit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$100.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00	U/M EA EA EA EA U/M EA EA U/M UN	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$567.00 \$567.00 \$582.00 Ext. Price \$39,000.00 \$39,882.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$35,000 \$5,750.00 \$5,750.00 \$5,750.00 \$35,000	Outbound Text no OFFER Price \$3,855,60 \$1,147,30 \$3,487,50 \$481,95 \$481,95 \$518,50 S10,325,80 OFFER Price \$0,00 \$1,320,00 OFFER Price \$297,50 \$4,887,30 \$2,975,00 \$2,975,00
3 3 3 3 3 3 1 3 9	Part Number ECX100101 ECX100101 ECX100103 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX200001 ECX200001 ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500002 ECX500002-PR ECX500001 ECX500001 ECX500001 ECX500001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8cb RAM MONTOR, 22W° FP, BLK AUDIO INTERPACE UNIT (AU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Services, 8 ports - 10 15A 100/120V (NEMA S-15)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$13,500.00 \$515.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$12,000.00 \$110.00	U/M EA EA EA EA EA EA U/M U/M U/M U/M EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$1,035.00 \$567.00 \$567.00 \$567.00 \$582.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 Ext. Price \$35,000 \$1,379.000 \$1,790.00	Outbound Text no OFFER Price \$3.855.60 \$1.147.50 \$3.442.50 \$879.75 \$481.95 \$518.50 OFFER Price \$0.00 \$0.00 OFFER Price \$1.320.00 OFFER Price \$297.50 \$4.887.50 \$2.975.00 \$1.521.50
3 3 3 3 3 3 1 3 9	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100312-1 Hardware Sub-Total Part Number ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500002-PR ECX500002-PR ECX5000017 ECX500015 Peripherals / Network	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port P/S to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SIVITOR, 24 PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA S-15)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$10,000 \$1,300.00 \$1,300.00 \$1,300.00 \$1,300.00 \$1,300.00 \$1,300.00 \$1,000.00 \$1	U/M EA EA EA EA EA U/M EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$510.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 \$39,882.00 Ext. Price \$1,320.00 Ext. Price \$350.00 \$1,320.00 Ext. Price \$350.00 \$1,790.00 \$3,500.00 \$1,790.00 \$11,790.00	Outbound Text no OFFER Price \$3,855,60 \$1,147,50 \$3,442,50 \$579,75 \$481,95 \$518,25 OFFER Price \$0,000 \$0,000 \$1,320,000 \$1,320,000 OFFER Price \$297,50 \$4,887,50 \$2,975,00 \$1,521,50 \$9,681,50
3 3 3 3 3 3 1 1 2 2 1 2 2 1 2 2	Part Number ECX100101 ECX100103 ECX100103 ECX100001-N5 ECX100201 ECX100201 ECX100201 ECX100201 ECX100202 Part Number ECX200002 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500001-Part Number ECX500001-Part Number ECX500001-Part Number ECX500001-Part Number ECX500001-Part Number ECX500001-Part Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* FP, BLK AUDIO INTERPACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) #Sub-Total System Services (600, 700, 800)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$13,450.00 \$189.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$895.00	U/M EA EA EA EA EA EA U/M U/M U/M EA EA EA EA U/M U/M	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$4,050.00 \$51,035.00 \$557.00 \$557.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 Ext. Price \$1,320.00 \$1,3790.00 \$1,790.00 \$11,390.00 Ext. Price	Orter Price \$3.855.60 \$1.147.50 \$3.855.60 \$1.147.50 \$3.442.50 \$3.442.50 \$42.50 \$518.25.80 Offer Price \$0.00 \$1.320.00 \$1.320.00 Offer Price \$2.975.00 \$1,521.50 \$9.631.50 Offer Price
3 3 3 3 3 3 1 1 2 2	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100202 Hardware Sub-Total Part Number ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500003 ECX500105 Peripherals / Networ Part Number ECX700001 ECX700001 ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* FP, BLK AUDID INTERPACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos, / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U ISA 100/120V (NEMA S-15) #Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2450.00 \$11,350.00 \$510.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,726.02	U/M EA EA EA EA EA EA U/M U/M U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$510.00 \$10.00 \$10.0	Offer Price \$3,855.60 \$1,147.50 \$3,855.60 \$1,147.50 \$3,442.50 \$42.50 \$42.50 \$42.50 \$5,42.50 Offer Price \$0,00 \$1,320.00 Offer Price \$1,320.00 Offer Price \$2,975.00 \$1,521.50 Offer Price \$5,643.00 Offer Price \$5,643.00 \$4,887.50 \$4,887.50 \$5,643.00 Offer Price \$5,643.00 Offer Price \$5,643.00 Offer Price \$5,643.00 S4,489.72
3 3 3 3 3 3 1 1	Part Number ECX100101 ECX100101 ECX100103 ECX100001-N5 ECX100201 ECX100201 ECX100201 ECX100202 Hardware Sub-Total Part Number ECX200002 ECX400004 Configuration Service Part Number ECX500002-PR ECX500003 ECX500105 Peripherals / Networ Part Number ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700002 ECX800001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22M° FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos, / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS, BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U ISA 100/120V (NEMA S-15) **Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$1450.00 \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 \$2,875.00 \$3,500.00	U/M EA EA EA EA EA U/M EA EA U/M UN U/M EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$510.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$35,750.00 \$1,790.00 \$11,390.00 Ext. Price \$5,750.00 \$1,790.00 \$11,390.00 Ext. Price \$5,760.00 \$1,790.00 \$1,715.61	Ottound Text no OFFER Price \$3.855.60 \$1.147.50 \$3.42.50 \$42.50 \$47.75 \$481.95 \$518.30 OFFER Price \$0.00 \$0.00 OFFER Price \$1.320.00 OFFER Price \$1.320.00 OFFER Price \$2.975.00 \$1.521.50 OFFER Price \$4.887.50 \$2.975.00 OFFER Price \$5.4887.50 \$2.975.00 \$1.521.50 OFFER Price \$5.643.00 \$1.629.83
3 3 3 3 3 3 1 1 2 2	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100201 ECX20001 ECX200022 Software Sub-Total Part Number ECX200002 Configuration Service Part Number ECX500002-PR ECX500003 ECX500017 ECX500018 Peripherals / Network Part Number ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video. 8ab RAM MONITOR. 22W * PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad. Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE. 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA S-15) **Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, Lot SSUb-Total	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2450.00 \$11,350.00 \$510.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,726.02	U/M EA EA EA EA EA EA U/M U/M U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$51,035.00 \$510.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$35,000 \$5,750.00 \$3,500.00 \$1,790.00 \$11,390.00 Ext. Price \$35,900.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,715.51 \$14,664.75	Outbound Text no OFFER Price \$3.855.60 \$1.147.50 \$3.495.55 \$491.95 \$491.95 \$491.95 \$491.95 \$491.95 \$491.95 \$491.95 \$491.95 \$491.95 \$491.95 \$1.320.00 OFFER Price \$1,320.00 OFFER Price \$297.50 \$4.887.50 \$1,521.50 OFFER Price \$5,643.00 \$4.489.72 \$1,629.83 \$11.762.55
3 3 3 3 3 3 1 1 2 2	Part Number ECX100101 ECX100101 ECX100101 ECX100101 ECX100201 ECX100201 ECX100204 ECX100204 ECX100204 ECX200012 Part Number ECX200002 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500002-PR ECX500003 ECX500017 ECX500015 Peripherals / Networe Part Number ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video. 8ab RAM MONITOR. 22W * PP. BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad. Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE. 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA S-15) **Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, Lot SSub-Total SSub-Total SSub-Total	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1350.00 \$12,550.00 \$189.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 \$110.00 Unit Price \$110.00 \$110.00 Unit Price \$110.00 \$110.0	U/M EA EA EA EA EA U/M UN U/M EA EA EA U/M UN UN	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$51,035.00 \$567.00 \$510.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 \$1,320.00 \$1,320.00 \$51,320.00 \$1,320.00 \$1,320.00 \$1,320.00 \$1,320.00 \$1,320.00 \$1,320.00 \$1,320.00 \$1,320.00 \$1,730.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,715.61 \$14,664.75 \$79,404.75	Outbound Text no OFFER Price \$3,855.60 \$1,147.50 \$3,442.50 \$879.75 \$481.95 \$518.50 OFFER Price \$0,000 \$0,000 \$0,000 OFFER Price \$1,320.00 OFFER Price \$297.50 \$4,887.50 \$2,975.00 \$1,527.60 OFFER Price \$297.50 \$4,887.50 \$2,975.00 OFFER Price \$3,300.00 \$1,527.60 \$3,300.00 \$1,527.50 \$3,300.00 \$1,527.50 \$3,000.00 \$3
3 3 3 3 3 1 1 3 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100201 ECX20001 ECX200022 Software Sub-Total Part Number ECX200002 Configuration Service Part Number ECX500002-PR ECX500003 ECX500017 ECX500018 Peripherals / Network Part Number ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W P, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PKS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Stib-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 Port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) #K Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot s Sub-Total S: Recurring Maintenance Charges (900)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2450.00 \$11,350.00 \$510.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,726.02	U/M EA EA EA EA EA U/M UN U/M EA EA EA U/M UN U/M U/M EA EA UN UN U/M EA EA UN UN	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$51,035.00 \$510.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$35,000 \$5,750.00 \$3,500.00 \$1,790.00 \$11,390.00 Ext. Price \$35,900.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,715.51 \$14,664.75	OFFER Price \$3,855.60 \$1,147.50 \$3,485.50 \$1,147.50 \$3,442.50 \$307.97.5 \$461.95 \$518.50 OFFER Price \$0,000 \$0,000 OFFER Price \$1,320.00 \$1,320.00 OFFER Price \$297.50 \$4,887.50 \$2,975.00 \$1,521.50 OFFER Price \$5,643.00 \$4,489.72 \$1,629.83 \$11,762.55 \$33,089.85 OFFER Price
3 3 3 3 3 3 1 1 2 1 2 1 2	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100201 ECX20001 ECX200022 Software Sub-Total Part Number ECX200002 Configuration Service Part Number ECX500001 ECX50001 PCX50001 PCX50001 Professional Services TOTAL NR Charge Part Number ECX900000	Telecom / Position / Host Hardware (100) WKS PC, Dual Video. 8ab RAM MONITOR. 22M* PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad. Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT 4 Port SWITCH, 24-PORT POE. 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) **Sub-Total System Services (600, 700, 300) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot SSub-Total SS: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3450.00 \$13,500.00 \$545.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,726.02 \$1,715.61	U/M EA EA EA EA U/M UN U/M EA EA U/M UN U/M EA EA U/M EA EA UN UN U/M EA EA EA	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$51,035.00 \$510.00 \$12,148.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$35,000 \$5,750.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,715.51 \$14,664.75 \$79,404.75 Ext. Price \$17,946.90	OFFER Price \$3.855.60 \$1.147.50 \$3.4855.60 \$1.147.50 \$3.442.50 \$879.75 \$481.95 \$518.50 OFFER Price \$0.00 \$0.00 OFFER Price \$1,320.00 \$1,320.00 OFFER Price \$2.975.00 \$1,521.50 \$1,521.50 \$1,521.50 \$1,521.50 \$1,523.83 \$11,762.55 \$33,089.85 OFFER Price \$0.00
3 3 3 3 3 1 1 3 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100312-1 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500002-PR ECX500003 ECX500017 ECX500105 Peripherals / Networ Part Number ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W P, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PKS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Stib-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 Port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) #K Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot s Sub-Total S: Recurring Maintenance Charges (900)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1450.00 \$1450.00 \$1450.00 \$189.00 \$130.00 \$11.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price	U/M EA EA EA EA EA U/M UN U/M EA EA EA U/M UN U/M U/M EA EA UN UN U/M EA EA UN UN	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$4,050.00 \$1,035.00 \$567.00 \$567.00 \$567.00 \$587.00 \$39,000.00 \$382.00 Ext. Price \$39,000.00 \$882.00 Ext. Price \$1,320.00 Ext. Price \$350.00 \$5,750.00 \$3,500.00 \$1,790.00 Ext. Price \$5,940.00 \$4,726.02 \$1,715.61 \$14,664.75 \$79,404.75	OFFER Price \$3,855,60 \$1,147,50 \$3,485,50 \$1,147,50 \$379,75 \$481,95 \$518,50 OFFER Price \$0,00 \$0,00 OFFER Price \$1,320,00 \$1,320,00 OFFER Price \$297,50 \$4,887,50 \$2,975,00 \$1,521,50 OFFER Price \$5,643,00 \$4,489,72 \$1,629,83 \$11,762,55 S33,089,85 OFFER Price
3 3 3 3 3 3 1 1 2 1 2 1 2 1 2	Part Number ECX100101 ECX100101 ECX100103 ECX100103 ECX100101 ECX1	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* FP, BLK AUDIO INTERPACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour es Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) #K Sub-Total System Services (600, 700, 800) PROJECT MANAGEMERI, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot s Sub-Total es: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	Pos. Count 3 Yrs. Spt. 3 Yrs. Spt. 3 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1350.00 \$1450.00 \$1450.00 \$189.00 \$610.00 Unit Price \$13,000.00 \$98.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,100.00 \$4,726.02 \$1,715.61 Unit Price \$23,929.20 \$5,400.00	U/M EA EA EA U/M U/M EA EA EA U/M U/M EA EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M EA UN U/M U/M U/M EA UN U/M U/M EA UN U/M U/M U/M U/M U/M EA UN U/M U/M U/M U/M U/M U/M U/M U/M U/M U/M	Site Name: Birmingham Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$1,350.00 \$1,035.00 \$567.00 \$567.00 \$567.00 \$567.00 \$582.00 Ext. Price \$39,000.00 \$39,882.00 Ext. Price \$39,000.00 \$13,320.00 Ext. Price \$350.00 \$1,320.00 Ext. Price \$350.00 \$1,790.00	OFFER Price \$3,855.60 \$1,147.50 \$3,855.60 \$1,147.50 \$3,747.55 \$481.95 \$510.3225.80 OFFER Price \$0,00 \$1,320.00 OFFER Price \$297.50 \$4,887.50 \$2,97.50 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$1,523.33

			Pos. Count 1.5 Yrs. Spt. 3.75		Site Name: Bloomfield Hills Dept of PS Solution being Delivered: Hardware Refresh &	Outbound Text no
Oty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
1	ECX100101	WKS PC, Dual Video, 8qb RAM	\$1,512.00	EA	\$1,512,00	\$1,285.20
1	ECX100103 ECX100001-NS	MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU)	\$450.00 \$1,350.00	EA EA	\$900,00 \$1,350.00	\$765.00 \$1,147,50
1	ECX100201 ECX100204	VoIP Phone Keypad, Genovation 24 Keypad DTP	\$345.00 \$189.00	EA EA	\$690,00 \$189,00	\$586.50 \$160.65
1 2	ECX100312-1 ECX100313	Media Gateway, 4 Port FXS to SIP (Station Rec) Media Gateway, 4 Port FXO to SIP (Admin/Rinodown)	\$610.00 \$670.00	EA EA	\$610.00 \$1,340.00	\$518.50 \$1,139.00
1	ECX100316	Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$61.00	EA	\$61.00	\$51.85
	Hardware Sub-Tot	THE STATE OF THE S			\$6,652.00	\$5,654.20
orași s	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
1 4	ECX20001 ECX200013 ECX200022	CALLSTATION License SIPStation License, per Position VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$13,000.00 \$695.00 \$98.00	EA EA	\$13,000.00 \$695.00 \$392.00	\$0.00 \$0.00 \$0.00
*	Software Sub-Tota		\$30.00	EA	\$14,087.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
4	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$440.00	\$440.00
-7/4	Configuration Serv		- Colonia Colo	177832	\$440.00	\$440.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
1	ECX500002-PR	POS. BASED REC KIT - 4 Port	\$350.00	EA	\$350,00	\$297,50
1	ECX500003 ECX500007-R	SWITCH, 24-PORT POE, 1/10/100 MISC, MAT., CABLES, RMTE., LOT	\$2,875.00 \$780.00	EA EA	\$5,750.00 \$780.00	\$4,887.50 \$663.00
1 2	ECX500017 ECX500105	IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$3,500.00 \$895.00	EA EA	\$3,500,00 \$1,790,00	\$2,975.00 \$1,521.50
	Peripherals / Netw	vork Sub-Total	1270303503	\$770	\$12,170.00	\$10,344.50
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX700001	PROJECT MANAGEMENT, UNIT	\$990.00	EA	\$1,980.00	\$1,881.00
1	ECX700002 ECX800001	SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$2,434.48 \$883.75	UN	\$2,434.48 \$883.75	\$2,312,75 \$839,56
	Professional Servi	ces Sub-Total			\$6,482.95	\$5,033.31
	TOTAL NR Char	raes:			\$39,831.95	\$21,472.01
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
0.94	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$8,452.20	EA	\$7,945.07	\$0.00
3.75	ECX900004 ECX900005	ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$2,700.00 \$470.55	EA	\$10,125,00 \$1,411,65	\$10,125.00 \$1,411.65
	Sub-Total Recurrin	ng Charges:			\$19,481.72	\$11,536.65
			Pos. Count 4 Yrs. Spt. 3.75		Site Name: Bloomfield Twp PD Solution being Delivered: Hardware Refresh &	Outbound Text no
Oty	Part Number	Telecom / Position / Host Hardware (100)	Yrs. Spt. 3.75 Unit Price	U/M	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price	OFFER Price
4 8	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK	4 Yrs. Spt. 3.75 Unit Price 51,512.00 \$450.00	EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00	OFFER Price \$5,140.80 \$3,060.00
4	ECX100101	WKS PC, Dual Video, 8qb RAM	4 Yrs. Spt. 3.75 Unit Price \$1,512.00	EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00	OFFER Price \$5,140.80
4 8 4	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204	WKS PC, Dual Video, 8ob RAM MONITOR. 22W PP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP	4 Yrs. Spt. 3.75 Unit Price 51.512.00 \$450.00 \$1,350.00	EA EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00	S5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60
4 8 4 4	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot	WKS PC, Dual Video, 8ab RAM MONITOR, 22WF PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00	EA EA EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$5,400.00 \$7,56.00 \$7,56.00	95,140,80 \$3,060,00 \$4,590,00 \$1,173,00 \$642,60
4 8 4 4	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number	WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200)	4 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$145.00 \$189.00	EA EA EA EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$17,184.00 Ext. Price	95,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,605.40 OFFER Price
4 8 4 4 4	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot	WKS PC, Dual Video, 8ab RAM MONITOR, 22WF PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00	EA EA EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$5,400.00 \$7,56.00 \$7,56.00	95,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60
4 8 4 4 4 4	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001	WKS PC, Dual Video, 8cb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VUP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1345.00 \$189.00	EA EA EA EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048,00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$17,184.00 Ext. Price \$52,000.00	95,140,80 \$3,060,00 \$4,530,00 \$1,173,00 \$642,60 \$14,606,40 OFFER Price \$0.00
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ² FP, BLX AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP al. Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400)	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1.350.00 \$185.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA U/M	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$5,400.00 \$5,756.00 \$17,184.00 Ext. Price \$52,000.00 \$1,568.00 \$53,568.00 Ext. Price	95,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,506.40 OFFER Price \$0.00 \$0.00
4 8 4 4 4 4	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100204 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ² FP, BLX AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP III Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1.350.00 \$1.85.00 \$185.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$3,600.00 \$5,400.00 \$1,380.00 \$7756.00 \$17,134.00 Ext. Price \$52,000.00 \$1,568.00 \$53,568.00 Ext. Price \$1,760.00	95,140.80 \$3,060.00 \$4,590.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$0.00 OFFER Price \$1,750.00
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200001 ECX200002 Software Sub-Tots Part Number ECX400004 Configuration Sen	WKS PC, Dual Video, 8ab RAM MONITOR, 22WF PP, BLX AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	4 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,550.00 \$145.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA U/M UN	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$1,380.00 \$756.00 \$1,7184.00 Ext. Price \$52,000.00 \$1,568.00 Ext. Price \$1,760.00 \$1,760.00	0FFER Price \$5,140.80 \$3.060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$0.00 OFFER Price \$1,760.00
4 8 4 4 4 16	ECX100101 ECX100103 ECX100001-N5 ECX100001-N5 ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv	WKS PC, Dual Video, 8cb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Vices Sub-Total Network and Misc, Hardware and Equipment (500)	4 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$3,450.00 \$345.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA U/M UN	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$1,380.00 \$756.00 Ext. Price \$52,000.00 \$1,568.00 Ext. Price \$1,760.00 \$1,760.00 Ext. Price	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$0.00 \$0.00 \$1,760.00 \$1,760.00 OFFER Price
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200001 ECX200002 Software Sub-Tots Part Number ECX400004 Configuration Sen	WKS PC, Dual Video, 8ab RAM MONITOR, 22WF PP, BLX AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	4 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,550.00 \$145.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA U/M UN	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$1,380.00 \$756.00 \$1,7184.00 Ext. Price \$52,000.00 \$1,568.00 Ext. Price \$1,760.00 \$1,760.00	0FFER Price \$5,140.80 \$3.060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$0.00 OFFER Price \$1,760.00
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500003 ECX500001	WKS PC, Dual Video, 8cb RAM MONITOR, 22W ^T FP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount. Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	4 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$1,000.00 \$1,0	EA EA EA EA EA U/M UN UN	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & S6,048.00 \$3,600.00 \$3,600.00 \$1,380.00 \$756.00 \$117,184.00 Ext. Price \$52,000.00 \$1,568.00 \$33,568.00 Ext. Price \$1,760.00 Ext. Price \$51,760.00 \$1,760.00 Ext. Price \$5,750.00 \$3,500.00	95,140.80 \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$0.00 \$1,760.00 \$1,760.00 OFFER Price \$4,887.50 \$2,975.00
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Sent Part Number ECX500003 ECX5000017 ECX500015	WKS PC, Dual Video, 8cb RAM MONITOR, 22W ^T FP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount. Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	4 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$1,000.00 \$1,0	EA EA EA EA EA U/M UN UN	Bloomfield Twp PD	95,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$0.00 \$1,760.00 OFFER Price \$4,887.50 \$2,975.00 \$1,521.50
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Sen. Part Number ECX500003 ECX500017 ECX500105 Peripherals / Netv	WKS PC, Dual Video, 8db RAM MONITOR, 22W ^T FP, BLX AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00 Unit Price \$110.00 Unit Price \$2.875.00 \$3.500.00 \$895.00	EA EA EA EA EA U/M UN UN	Bloomfield Twp PD	0FFER Price \$5,140,80 \$3,060,00 \$4,590,00 \$4,590,00 \$1,173,00 \$642,60 \$14,606,40 OFFER Price \$0,00 \$0,00 OFFER Price \$1,760,00 \$1,760,00 OFFER Price \$4,887,50 \$2,975,00 \$1,521,50 \$9,384,00
4 8 4 4 4 4 4 16 16 16 8 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500017 ECX500017 ECX50017 ECX50017 ECX500105	WKS PC, Dual Video, 8cb RAM MONITOR, 22WT FP, BLK AUDIO INTERFACE UNIT (AIU) VOID Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.530.00 \$1.350.00 \$1.350.00 \$1.380.00 Unit Price \$13,000.00 \$58.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$5990.00 \$50.999.30	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$17,184.00 Ext. Price \$52,000.00 \$1,568.00 \$23,569.00 Ext. Price \$1,760.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 \$11,040.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 \$11,040.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00 \$1,900.00	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 OFFER Price \$1,760.00 OFFER Price \$4,887.50 \$2,975.00 OFFER Price \$7,524.00 \$57,524.00 \$57,524.00 \$57,524.00
4 8 4 4 4 4 4 16 16 16 8 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500018	WKS PC, Dual Video, 8db RAM MONITOR, 22W ^T FP, BLX AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR all Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PPU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) vork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.530.00 \$1.350.00 \$1.350.00 \$1.380.00 Unit Price \$13,000.00 \$58.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$5990.00 \$50.999.30	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Bloomfield Twp PD	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 OFFER Price \$1,760.00 OFFER Price \$4,887.50 \$2,975.00 OFFER Price \$7,524.00 \$57,524.00 \$57,524.00 \$57,524.00
4 8 4 4 4 4 4 16 16 16 8 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi ECX500017 ECX500017 ECX500017 ECX500017 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001	WKS PC, Dual Video, 8db RAM MONITOR, 22W ^T FP, BLX AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR all Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PPU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) vork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total	4 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$450.00 \$1.530.00 \$1.350.00 \$1.350.00 \$1.380.00 Unit Price \$13,000.00 \$58.00 Unit Price \$2,875.00 \$3,500.00 \$895.00 Unit Price \$5990.00 \$50.999.30	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$3,600.00 \$5,400.00 \$1,380.00 \$756.00 \$17,184.00 Ext. Price \$52,000.00 \$1,568.00 \$1,760.00 Ext. Price \$5,750.00 \$1,760.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 \$1,790.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 OFFER Price \$1,760.00 \$1,760.00 OFFER Price \$4,887.50 \$2,975.00 \$1,521.50 \$9,384.00 OFFER Price \$7,524.00 \$5,794.33 \$2,103.42 \$15,421.75 \$41,172.15
4 8 4 4 4 4 4 16 16 16 16 8 1 1 1	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500017 ECX500018 ECX700001 ECX7000001 ECX7000001 ECX7000001 ECX7000001 ECX7000001 ECX7000001	WKS PC, Dual Video, 8db RAM MONITOR, 22W ² FP, BLX AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PPU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) vork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR	Virs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,550.00 \$1,550.00 \$1,500.00	U/M EA EA U/M U/M EA EA U/M EA EA U/M EA EA U/M EA EA U/M EA EA U/M EA EA U/M EA	Bloomfield Twp PD Solution being Delivered: Hardware Refresh & Ext. Price \$6,048.00 \$3,600.00 \$3,600.00 \$5,400.00 \$1,380.00 \$7756.00 \$17,184.00 Ext. Price \$52,000.00 \$1,568.00 \$1,568.00 Ext. Price \$1,760.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00 \$1,790.00 Ext. Price \$5,750.00 \$3,500.00 \$1,790.00	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 OFFER Price \$1,760.00 \$1,760.00 OFFER Price \$4,887.50 \$2,975.00 OFFER Price \$7,524.00 \$5,794.33 \$2,103.42 \$15,421.75 \$41,172.15 OFFER Price \$0.00
4 8 4 4 4 4 16	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200001 ECX200002 Software Sub-Tots Part Number ECX400004 Configuration Sent Part Number ECX500003 ECX500007 ECX500105 Peripherals / Netw Part Number ECX700001	WKS PC, Dual Video, 8ab RAM MONITOR, 22WF PP, BLX AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR I Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Prices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total Recurring Maintenance Charges (900)	Vis. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,550.00 \$1,550.00 \$1,550.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$990.00 \$6,099.30 \$2,214.13	EA EA EA EA U/M EA EA U/M EA EA UN UN U/M EA UN UN U/M EA UN UN U/M EA UN UN U/M EA UN UN U/M EA UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN U/M EA UN UN UN UN U/M EA UN UN UN UN U/M EA UN UN UN UN UN UN UN UN U/M EA UN UN UN UN UN UN UN UN UN UN UN UN UN	Bloomfield Twp PD	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0,000 \$0,000 \$1,760.00 S1,760.00 OFFER Price \$4,887.50 \$2,975.00 \$5,794.33 \$2,103.42 \$15,421.75 S41,172.15
4 8 4 4 4 4 16 16 16 16 16 16 16 16 16 16 16 16 16	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500017 ECX500017 ECX500017 ECX500017 Part Number ECX500017 ECX500017 ECX500017 ECX500017 ECX5000105 Peripherals / Netv	WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	4 Yrs. Spt. 3,75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2,450.00 \$1,350.00 \$2,450.00 \$1,300.00 \$1,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,700.00 \$3,700.00	U/M EA EA U/M UN U/M EA EA U/M EA EA U/M EA EA U/M EA EA UN UN	Bloomfield Twp PD	0FFER Price \$5,140.80 \$3,060.00 \$4,590.00 \$1,173.00 \$642.60 \$14,606.40 OFFER Price \$0.00 \$1,760.00 \$1,760.00 OFFER Price \$4,867.50 \$2,975.00 \$1,521.50 \$9,384.00 OFFER Price \$7,524.00 OFFER Price \$7,524.00 \$5,794.33 \$2,103.42 \$15,421.75 OFFER Price \$0.00 \$27,000.00
4 8 4 4 4 4 16 16 16 16 16 16 16 16 16 16 16 16 16	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100001-NS ECX100204 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi ECX500017 ECX500017 ECX500017 ECX500017 Part Number ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500001 ECX500001 Professional Servi TOTAL NR Char Part Number ECX900000 ECX900000 ECX900000 ECX900000 ECX900000 ECX900000	WKS PC, Dual Video, 8db RAM MONITOR, 22WT FP, BLK AUDIO INTERFACE UNIT (AIU) VOID Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5) ing Charges:	4 Yrs. Spt. 3,75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2,450.00 \$1,350.00 \$2,450.00 \$1,300.00 \$1,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,700.00 \$3,700.00	U/M EA EA U/M UN U/M EA EA U/M EA EA U/M EA EA U/M EA EA UN UN	Bloomfield Twp PD	0FFER Price \$5,140.80 \$3,060.00 \$4,559.00 \$4,559.00 \$1,173.00 \$642.60 \$14,505.40 OFFER Price \$0,00 \$0,00 OFFER Price \$4,887.50 \$2,975.00 OFFER Price \$7,524.00 \$5,794.33 \$2,103.42 \$15,421.75 S41,172.15 OFFER Price \$0,00 \$27,000.00 \$21,000.00 \$21,000.00 \$21,000.00 \$21,16.80

			Pos. Count 5 Yrs. Spt. 3.67		Site Name: Farmington Hills PD Solution being Delivered: Hardware Refresh &	Outbound Tex
Oty Par	rt Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Prio
	X100101	WKS PC, Dual Video, 8qb RAM	\$1,512.00	EA	\$7,560.00	\$6,426.00
5 EC	X100103 X100001-N5	MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU)	\$450.00 \$1,350,00	EA EA	\$4,500.00 \$6,750.00	\$3,825.00 \$5,737.50
5 EC	X100201 X100204	VoIP Phone Keypad, Genovation 24 Keypad DTP	\$345.00 \$189.00	EA EA	\$1,725.00 \$945.00	\$1,466.25 \$803.25
	X100311 X100316	Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,085.00 \$61.00	EA EA	\$4,340.00 \$122,00	\$3,689.00 \$103.70
Ha	ardware Sub-Total	Size for County (Inc.) (And County County (Inc.) (And County (Inc.) (And County (Inc.) (And County (Inc.) (Inc.) (And County (Inc.) (Inc.) (And County (Inc.) (Inc.	1,000		\$25,942.00	\$22,050.70
Pa	rt Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Prior
	X200001 X200022	CALLSTATION License VIRUS PROTECTION, WKS, – per Pos, / per YEAR	\$13,000.00 \$98.00	EA EA	\$65,000.00 \$1,960.00	\$0.00 \$0.00
-	ftware Sub-Total				\$66,960.00	\$0.0
	rt Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Prio
20 EC	X400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$2,200.00	\$2,200.00
Co	onfiguration Services	Sub-Total			\$2,200.00	\$2,200.0
Par	ert Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
2 EC	X500003	SWITCH, 24-PORT POE, 1/10/100	\$2,875.00	EA	\$5,750.00	54,887.50
	X500007-R X500009-1	MISC. MAT., CABLES, RMTE., LOT PRINTER	\$780.00 \$558.00	EA EA	\$780.00 \$558.00	\$663.00 \$474.30
	X500017 X500105	IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$3,500.00 \$895.00	EA EA	\$3,500.00 \$1,790.00	\$2,975.00
Per	ripherals / Network S	Sub-Total			\$12,378.00	\$10,521.30
Pai	irt Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Prior
10 EC	X700001	PROJECT MANAGEMENT, UNIT	\$990.00	EA	\$9,900.00	\$9,405.00
	X700002 X800001	SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$7,846.04 \$2,848.22	UN	\$7,846,04 \$2,848,22	\$7,453.74 \$2,705.81
Pro	ofessional Services S	ub-Total			\$24,384.34	\$19,564.55
то	OTAL NR Charges:				\$131,864.34	\$54,336.55
Pa	irt Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
0.92 EC	X900000	SYSTEM SUPPORT, 4 YEAR	\$40,176.00	EA	\$36,961.92	\$0.00
3.67 EC	X900004	ONSITE MAINTENANCE, per YEAR	\$9,000.00	EA EA	\$33,030.00	\$33,030.00
30 9030	X900005	EXTENDED WARRANTY, per YEAR (2-5)	\$958.00	EA	\$2,874,00	\$2,874.00
					\$72,865.92	\$35,904.00
	ob-Total Recurring Ch	100	3.67 Pos. Count	YEAR(s)	\$204,730.26	Outbound Text
artesa TC	OTAL COST OF OW	NERSHIP:	Pos. Count 3 Yrs. Spt. 3.75	85.20	Site Name: Ferndale Solution being Delivered: Hardware Refresh &	Outbound Text
Oty Par	OTAL COST OF OW	NERSHIP: Telecom / Position / Host Hardware (100)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price	U/M	Site Name: Ferndale Solution being Deliwered: Hardware Refresh & Ext. Price	Outbound Text
Oty Par 3 EOX 6 EOX	rt Number x100101 x100103	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22M* FP, BLK	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00	U/M EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00	Offer Price 53,855.60 52,295.00
Otty Par 3 EOX 6 EOX 2 EOX 3 EOX	rt Number xt 100101 x1000101 x10001-NS x1000201	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8cb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VJOP Phone	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00	U/M EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00	OFFER Price \$3.855.60 \$2.295.00 \$2.295.00 \$879.75
Oty Par 3 EOX 6 EOX 2 EOX 3 EOX 1 EOX	rt Number X100101 X100103 X100001-N5 X100201 X100204 X100312-1	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ALU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$516.00	U/M EA EA EA EA EA	Site Name; Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$610.00	Ottound Text no OFFER Price \$3,855.60 \$2,295.00 \$279.75 \$481.95 \$518.50
0ty Par 3 EOX 3 EOX 3 EOX 3 EOX 1 EOX 1 EOX 1	rt Number X100101 X1000103 X100001-N5 X100201 X100204 X100312-1 X100313	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8cb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AU) VoIP Phone Keynad, Genovation 24 Keynad DTP	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00	U/M EA EA EA EA EA	Site Name; Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$610.00 \$670.00	Outbound Text no OFFER Price \$3,855.60 \$2,295.00 \$279.75 \$481.95 \$518.50 \$569.50
Oty Pan 3 EO: 6 EO: 2 EO: 1 EO: 1 EO: Har	rt Number X100101 X100103 X100001-N5 X100201 X100204 X1002312 X100313 rdware Sub-Total	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ob RAM MONITOR, 22WF PP, BLK AUDIO INTERPACE UNIT (AIU) VoIP Phone Keynad, Genovation 24 Keynad DTP Keynad, Genovation 24 For FXS to SIP (Station Rac) Media Gateway, 4 Port FXS to SIP (Admin/Rinodown)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$138.00 \$188.00 \$610.00 \$670.00	U/M EA EA EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$610.00 \$670.00 \$12,818.00	Outbound Text no OFFER Price \$3,855.60 \$2,295.00 \$2,295.00 \$79.75 \$481.95 \$518.50 \$569.50
0ty Par 3 EOX 6 6 EOX 2 EOX 1 1 EOX 1 1 EOX Har	rt Number X100101 X100101 X100103 X100001-N5 X100204 X100204 X100313 rdware Sub-Total	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ob RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rac) Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Software Components (200)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$185.00 \$180.00 \$670.00	U/M EA EA EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$510.00 \$577.00 \$512.818.00 Ext. Price	OHTER Price \$3,855,60 \$2,295,00 \$2,295,00 \$879,75 \$481,35 \$481,35 \$518,50 \$510,393,530 OFFER Price
0ty Par 3 EOX 3 EOX 1 EO	rt Number X100101 X100103 X100001-N5 X100201 X100204 X1002312 X100313 rdware Sub-Total	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ob RAM MONITOR, 22WF PP, BLK AUDIO INTERPACE UNIT (AIU) VoIP Phone Keynad, Genovation 24 Keynad DTP Keynad, Genovation 24 For FXS to SIP (Station Rac) Media Gateway, 4 Port FXS to SIP (Admin/Rinodown)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$138.00 \$188.00 \$610.00 \$670.00	U/M EA EA EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$610.00 \$670.00 \$12,818.00	OHTER Price 53,855.60 \$2,295.00 \$2,295.00 \$2,295.05 \$879.75 \$481.95 \$518.50 \$569.50
Oty Par 3 ECX 3 ECX 3 ECX 1 ECX 1 ECX Par 3 ECX 1 ECX	rt Number X100101 X100101 X10001NS X100001-NS X100001-X1000312-1 X100312-1 X100313 rdware Sub-Total rt Number X200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8cb RAM MONITOR, 22M*FP, BLK AUDIO INTERFACE UNIT (ALU) VUIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Software Components (200) CALLSTATION License	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$510.00 \$670.00 Unit Price \$13,000.00	U/M EA EA EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536,00 \$2,700.00 \$2,700.00 \$1,035,00 \$567,00 \$510,00 \$570,00 \$11,818,00 Ext. Price \$39,000.00	Otten Price \$3,855.60 \$2,295.00 \$2,295.00 \$279.75 \$481.95 \$518.95 \$10,895.30 OFFER Price \$0.00 \$0.00
Oty Par 3 EOX 3 EOX 1 EOX 1 EOX 1 EOX 1 EOX 1 EOX 5 Sof	rt Number X100101 X100101 X100001-NS X100001-NS X100001-X X100312-1 X100312-1 X100313 rt Number X200001 X200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8cb RAM MONITOR, 22M*FP, BLK AUDIO INTERFACE UNIT (ALU) VUIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Software Components (200) CALLSTATION License	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$510.00 \$670.00 Unit Price \$13,000.00	U/M EA EA EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$610.00 \$670.00 Ext. Price \$39,000.00 \$1,176.00	Outbound Text no OFFER Price \$3,855.60 \$2,295.00 \$2,295.00 \$797.75 \$481.95 \$518.50 \$569.50 \$10,895.30 OFFER Price \$0.00 \$0.00 \$0.00
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Ofty Par 3 ECX 3 ECX 1 ECX 1 ECX 2 ECX 2 E	rt Number X100101 X100101 X100001-NS X100001-NS X100001-NS X100001 X1000204 X1000313 rt Number X200001 X200001 xt Number X400004 rt Number X400004 rt Number X500002-PR X500003 X500003-R X500017 X500105 rt Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ALU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rac) Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Sub-Total Network and Misc. Hardware and Equipment (S00) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POS. 1/10/100 MISC. MAT. CABLES, RMTE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ub-Total System Services (600, 700, 800)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$510.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price	U/M EA EA EA EA EA EA EA EA EA U/M U/M U/M U/M U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name; Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$610.00 \$670.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 Ext. Price \$350.00 \$51,320.00 \$51,790.00 \$1,790.00	Outbound Text no OFFER Price \$3,855.60 \$2,295.00 \$2,295.00 \$797.75 \$481.95 \$518.50 \$569.50 OFFER Price \$1,320.00 \$1,320.00 \$1,320.00 OFFER Price \$297.50 \$4,887.50 \$663.00 \$2,975.00 \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price
Ofty Par 3 EOX 3 EOX 1 E	rt Number X100101 X100101 X100103 X100001-NS X100001-NS X100001-NS X100001 X1000204 X1000313 rt Number X200001 x200001 xt Number X400004 rt Number X400004 rt Number X500002-PR X500003 X500007 X5000017 X5000015 ripherals / Network S rt Number X700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8nb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ATU) VOID Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rac) Media Gateway, 4 Port PXS to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Rub-Total Network and Misc. Hardware and Equipment (S00) POS. BASED REC KIT - 4 Port SWITCH, 24 PORT POE. 1/10/100 MISC. MAT., CABLES, NRIFE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) Aub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENSTNEENING, Lot	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$11,512.00 \$450.00 \$1350.00 \$1345.00 \$1345.00 \$188.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,853.33	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	Site Name; Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$567.00 \$567.00 \$51,2818.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$335.000 \$51,320.00 Ext. Price \$350.00 \$51,320.00 Ext. Price \$350.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,790.00 \$51,9	Otter Price \$3,855.60 \$2,295.00 \$2,295.00 \$2,295.00 \$879.75 \$481.95 \$518.50 \$569.50 \$10,895.30 OFTER Price \$1,320.00 \$1,320.00 \$1,320.00 \$2,975.00 \$1,521.50 \$10,344.50 OFTER Price \$5,643.00 \$4,610.67 \$1,673.73
Orly	rt Number X100101 X100001-NS X100001-NS X100001-NS X100001-NS X100001-X100001 X1000204 X100012-1 X100013-1 X100012-1 X100001 X100002 X100001 X100002 X100001 X100004 X100004 X100004 X100004 X100007 X100001 X100008 X10008 X10008 X10008 X10008 X10008 X10008 X10008 X10008 X10008 X10008 X10008 X10008 X1	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8nb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ATU) VOID Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rac) Media Gateway, 4 Port PXS to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Rub-Total Network and Misc. Hardware and Equipment (S00) POS. BASED REC KIT - 4 Port SWITCH, 24 PORT POE. 1/10/100 MISC. MAT., CABLES, NRIFE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) Aub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENSTNEENING, Lot	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$11,512.00 \$450.00 \$1350.00 \$1345.00 \$1345.00 \$188.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,853.33	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	Site Name; Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$567.00 \$567.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 Ext. Price \$335.000 \$5,750.00 \$5,750.00 \$5,750.00 \$1,790.00 \$1,790.00 \$2,790.00 \$3,500.00 \$3,500.00 \$3,500.00 \$1,790.00	Outbound Text no OFFER Price \$3,855,60 \$2,295,00 \$2,295,00 \$2,295,00 \$79,75 \$481,95 \$518,70 \$569,30 \$10,895,30 OFFER Price \$0,00 \$1,320,00 OFFER Price \$2,975,00 \$2,975,00 \$1,521,521,50 \$10,344,50 OFFER Price \$5,643,00 \$4,610,67 \$1,673,73 \$11,927,40
Ofty	rt Number X100101 X100103 X100001-NS X100001-NS X100001-NS X1000013 rt Number X200001 X200002 rt Number X400004 rt Number X500002-PR X500002-PR X500007-R X500007-R X500007-R X500007-R X500001 X700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8nb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ATU) VOID Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rac) Media Gateway, 4 Port PXS to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Rub-Total Network and Misc. Hardware and Equipment (S00) POS. BASED REC KIT - 4 Port SWITCH, 24 PORT POE. 1/10/100 MISC. MAT., CABLES, NRIFE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) Aub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENSTNEENING, Lot	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$11,512.00 \$450.00 \$1350.00 \$1345.00 \$1345.00 \$188.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$590.00 \$4,853.33	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$567.00 \$512,818.00 Ext. Price \$38,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$350.00 \$5,750.00 \$5,750.00 \$5,750.00 \$1,750.00 Ext. Price \$350.00 \$5,750.00 \$1,750.00	OHTER Price \$3,855.60 \$2,295.00 \$2,295.00 \$2,295.00 \$379.75 \$481.95 \$518.50 \$569.70 \$10,895.50 OHTER Price \$0,000 \$1,320.00 \$1,320.00 OHTER Price \$2,975.00 \$2,975.00 \$1,520.50 \$1,520.
Orty Par 3 EOC 3 EOC 3 EOC 3 EOC 3 EOC 1 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 4 EOC 5 EOC 4 EOC 4 EOC 5 EOC 6 EOC 6 EOC 7 Par 6 EOC 1 EOC 7 Por 7 Par	rt Number XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ob RAM MONITOR, 22WF FP, BUK AUDIO INTERFACE UNIT (AIU) Voil Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Media Gateway, 4 Port FXS to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT. – 4 Port SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNITE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports – 1U 15A 100/120V (NEMA S-15) MD-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, Lot D-Total	Pos. Count 3 Yrs. Spt. 3,75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$1,350.00 \$548.00 \$188.00 \$570.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$150.00 \$2,875.00 \$780.00 \$3,500.00 \$3,500.00 \$1,761.83	U/M EA EA EA EA EA EA EA EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA U/M UN	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$567.00 \$512,818.00 Ext. Price \$38,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$380.00 \$5,750.00 \$780.00 \$1,320.00 Ext. Price \$35,000 \$1,320.00 Ext. Price \$35,000 \$1,320.00 \$1,32	Outbound Text no OFFER Price \$3,855,60 \$2,295,00 \$2,295,00 \$2,295,00 \$379,75 \$48,195 \$518,50 \$569,50 OFFER Price \$1,320,00 \$1,320,00 OFFER Price \$2,975,00 \$2,975,00 \$1,521,521,50 \$10,344,50 OFFER Price \$5,43,00 \$4,610,67 \$1,673,73 \$11,927,40
Oty Par 3 EOX 3 EOX 1 EOX 12 EOX 12 EOX 1	rt Number X100101 X100001-NS X1000001-NS X100001-NS X	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ALU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PXS to SIP (Station Rec) Media Gateway, 4 Port PXO to SIP (Admiry/Ringdown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Sob-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24 PORT POE. 1/10/100 MISC. MAT. CABLES, RMTE., LOT Pto Serial Disc., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) system Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM INSTALLATION, PRIMARY SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$189.00 \$610.00 \$670.00 Unit Price \$11,000 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$990.00 \$4,853.33 \$1,761.83	U/M EA EA EA EA EA EA EA EA EA U/M U/M EA EA EA U/M EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$2,700.00 \$1,035.00 \$567.00 \$510.00 \$51,000 \$1,035.00 \$2,700.00 \$1,035.00 \$2,700.00 \$1,035.00 \$2,700.00 \$1,000	OFFER Price \$3,855.60 \$2,295.00 \$2,295.00 \$2,295.00 \$379.75 \$481.95 \$518.50 \$569.50 \$10,895.30 OFFER Price \$0,00 \$1,320.00 \$1,320.00 OFFER Price \$297.50 \$4,887.50 \$569.50 \$1,521.50 OFFER Price \$5,643.00 \$4,610.67 \$1,672.73 \$11,927.40 \$34,487.20 OFFER Price \$0,000 \$20,255.00 \$1,672.73
Ory Par 3 EOC 3 EOC 5 EOC 1 EO	rt Number X100101 X100103 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001-N5 X100001 X1000	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (ALU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rac) Media Gateway, 4 Port FXO to SIP (AdminyRingdown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24 PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port POU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) stystem Services (600, 700, 800) PROJECT MANAGEMENT, UNIT PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot Ib-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	Pos. Count 3 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1350.00 \$1350.00 \$1350.00 \$5610.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$3,500.00 \$3,500.00 \$4,853.33 \$1,761.83	U/M EA EA EA EA EA EA EA EA EA U/M UN U/M EA EA EA U/M EA EA EA U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Ferndale Solution being Delivered: Hardware Refresh & Ext. Price \$4,536.00 \$2,700.00 \$2,700.00 \$1,035.00 \$557.00 \$567.00 \$512,818.00 Ext. Price \$38,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$350.00 \$5,750.00 \$5,750.00 \$5,750.00 \$1,750.00 Ext. Price \$35,000.00 \$1,750.	Outbound Text no OFFER Price \$3,855,60 \$2,295,00 \$2,295,00 \$2,295,00 \$379,75 \$481,95 \$518,50 \$569,50 \$10,895,30 OFFER Price \$1,320,00 OFFER Price \$1,320,00 \$1,320,00 OFFER Price \$2,975,00 \$1,521,50 \$10,344,50 OFFER Price \$5,43,00 \$4,601,67 \$1,673,73 \$11,927,40 OFFER Price \$0,00

			Pos. Count 2 Yrs. Spt. 3.33		Site Name: Hazel Park PD Solution being Delivered: Hardware Refresh &	Outbound Text
Qty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX100101	WKS PC, Dual Video, 8qb RAM	\$1,512,00	EA	\$3,024,00	\$2,570.40
2	ECX100103 ECX100001-NS	MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU)	\$450.00 \$1,350.00	EA EA	\$900.00 \$2,700.00	\$765.00 \$2,295.00
2	ECX100201 ECX100204	VoIP Phone Keypad, Genovation 24 Keypad DTP	\$345.00 \$189.00	EA EA	\$690.00 \$378.00	\$586.50 \$321.30
2	ECX100311 ECX100316	Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,085.00 \$61.00	EA EA	\$2,170.00 \$61.00	\$1,844.50 \$51.85
10 ± 1	Hardware Sub-Tota		×\$01,00	EA	\$9,923.00	\$8,434.55
		Software Components (200)	H-ta notas	U/M		
	Part Number	Salar Control of the	Unit Price		Ext. Price	OFFER Price
8	ECX200001 ECX200022	CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$13,000.00 \$98.00	EA EA	\$26,000.00 \$784.00	\$0.00 \$0.00
	Software Sub-Tota	1			\$26,784.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
8	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$880.00	\$880.00
-	Configuration Serv		*********		\$880.00	\$880.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
	WASHINGTON OF	a receive a contraction of the design of the contraction of the contra		7.47	_ 7,17,8577.598251	- 14 market 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1	ECX500003 ECX500007-R	SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT	\$2,875.00 \$780.00	EA EA	\$5,750.00 \$780.00	\$4,887.50 \$663,00
1 2	ECX500017 ECX500105	IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$3,500.00 \$895.00	EA EA	\$3,500.00 \$1,790.00	\$2,975,00 \$1,521,50
, S. C. C.	Peripherals / Netw	- 기업 (1985년) 전에 기업 전에 발생하게 되었습니다 이 사람이 발생하게 되었습니다. (1985년) 전에 발생하게 되었습니다. - 1985년 - 1985년	76(3)40	5752	\$11.820.00	\$10.047.00
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
7.W	TANK TANK METATA	LI DATE LIVA DA MEDINA MENDELA DE LA CANADA DEL CANADA DE LA CANADA DEL CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DEL CANADA DE LA CANADA DE LA CANADA DEL CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DE LA CANADA DEL CANADA DE LA CANA	Water Con-	24.00	2700000000000	200000000000000000000000000000000000000
1	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$990.00 \$3,606.71	EA UN	\$3,960.00 \$3,606.71	\$3,762.00 \$3,426.38
1	ECX800001	SYSTEM ENGINEERING, Lot	\$1,309.29	UN	\$1,309.29	\$1,243,82
	Professional Service	es Sub-Total			\$10,622.97	\$8,432.20
	TOTAL NR Char	oes:			\$60,029.97	\$27,793.75
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
0.83	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$16,070,40	EA	\$13,338.43	\$0.00
3,33	ECX900004 ECX900005	ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$3,600.00 \$543.58	EA EA	\$11,988.00 \$1,630.73	\$11,988.00 \$1,630.73
0.9%	C1242424-2004-201	THE STREET PRODUCTION OF THE STREET S	2272,20	1,50	\$26,957.16	\$13,618.73
	Sub-Total Recurrin	NEW WORLD COME	- A-2004		- Vincential Control	
	TOTAL COST OF	OWNERSHIP:	3.33	YEAR(s)	\$86,987.13	\$41,412.48
			Pos. Count 4 Yrs. Spt. 3.67		Site Name: Madison Heights PD Solution being Delivered: Hardware Refresh &	Outbound Text
Oty	Part Number	Telecom / Position / Host Hardware (100)		and the		
3	E STANFORM AND ADDRESS OF THE PARTY OF THE P	releasing Position / Host Hardware (100)			Ext Deine	OFFER Pring
5		WING DO DOUBLES ON DAM	Unit Price	U/M	Ext. Price	4 20 70 70
	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK	\$1,512.00 \$450.00	EA EA	\$4,536.00 \$2,250.00	\$3,855.60 \$1,912.50
2 5		WKS PC, Dual Video, 8qb RAM MONITOR, 22W ¹ FP, BLX AUDIO INTERFACE UNIT (AIU) VoIP Phone	\$1,512.00	EA	\$4,536.00	\$3,855.60 \$1,912.50 \$2,295.00
2 5 3	ECX100103 ECX100001-N5 ECX100201 ECX100204	MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00	EA EA EA EA	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$567.00	\$3,855.60 \$1,912.50 \$2,295.00 \$1,466.25 \$481.95
2 5	ECX100103 ECX100001-NS ECX100201	MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone	\$1,512.00 \$450.00 \$1,350.00 \$345.00	EA EA EA	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00	\$3,855.60 \$1,912.50 \$2,295.00 \$1,466.25
2 5 3 1	ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100311	MONTOR, ZUVÍ FP, BLK ADIDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gaeway, B port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$1,085.00	EA EA EA EA EA	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$567.00 \$1,085.00	\$3,855.60 \$1,912.50 \$2,295.00 \$1,466.25 \$481,95 \$922.25 \$51.85
2 5 3 1	ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100311 ECX100316	MONTOR, ZUVÍ FP, BLK ADIDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gaeway, B port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$1,085.00	EA EA EA EA EA	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$567.00 \$1,085.00 \$61.00	\$3,855.60 \$1,912.50 \$2,295.00 \$1,466.25 \$481.95 \$922.25 \$51.85
2 5 3 1	ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001	MONTOR, ZUM* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Cateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,512.00 \$450.00 \$1,350.00 \$245.00 \$189.00 \$1,085.00 \$61.00	EA EA EA EA EA EA	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00	\$3,855.60 \$1,912.50 \$2,295.00 \$1,466.25 \$481.95 \$922.25 \$51.85 \$10,985.40
2 5 3 1 1	ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100311 ECX100316 Hardware Sub-Tot Part Number	MONTOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software, Components (200)	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$1,085.00 Unit Price	EA EA EA EA EA EA	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$557.00 \$1,085.00 \$61.00 \$12,924.00 Ext. Price	\$3,855.60 \$1,912.50 \$2,295.00 \$1,466.25 \$481.95 \$922.25 \$51.85 \$10,985.40 OFFER Price
2 5 3 1 1 1	ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001	MONTOR, Z2W* FP, BLK ADJIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$1,085.00 \$61.00	EA EA EA EA EA EA	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00	\$3,855,60 \$1,912,50 \$2,295,00 \$1,466,25 \$481,95 \$922,25 \$51,88 \$10,985,40 OFFER Prior
2 5 3 1 1 1	ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200022	MONTOR, Z2W* FP, BLK ADJIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$1,085.00 \$61.00	EA EA EA EA EA EA	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00	\$3,855,60 \$1,912,50 \$2,295,00 \$1,466,25 \$481,95 \$92,225 \$51,85 \$10,985,40 OFFER Prior
2 5 3 1 1 1	ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota	MONTOR, ZUM* FP, BLK ADDIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$1,085.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA EA EA	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$567.00 \$1,085.00 \$61.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00	\$3.855.60 \$1.912.50 \$2.295.00 \$1.466.25 \$461.95 \$922.25 \$51.85 \$10.985.40 \$0.00 \$0.00
2 5 3 1 1 1	ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al. Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos, / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,450.00 \$1,085.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA EA U/M	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$557,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price	\$3.855.60 \$1.912.50 \$2.295.00 \$1.466.25 \$481.95 \$922.25 \$51.85 \$10.985.40 OFFER Prior \$0.00 \$0.00 \$0.00 OFFER Prior
2 5 3 1 1	ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100204 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX2000022 Software Sub-Tota Part Number ECX400004 Configuration Services	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al. Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Stib-Total	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,450.00 \$1,085.00 \$61.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA EA U/M	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$1,725.00 \$567.00 \$1,085.00 \$1,085.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00	\$3.855.60 \$1.912.50 \$2.295.00 \$1.466.25 \$481.95 \$922.25 \$51.85 \$10.985.40 OFFER Prior \$0.00 \$0.00 \$1.320.00 \$1.320.00
2 5 3 1 1 1	ECX100103 ECX10001-NS ECX10001-NS ECX100201 ECX100204 ECX100311 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Vices Sub-Total Network and Misc. Hardware and Equipment (500)	\$1,512.00 \$450.00 \$1,350.00 \$145.00 \$189.00 \$1,085.00 \$61.00 \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA U/M UN	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$5,700.00 \$5,700.00 \$5,000 \$1,085.00 \$61.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price	\$3,855,60 \$1,912,50 \$2,295,00 \$1,466,25 \$481,95 \$922,25 \$521,85 \$10,985,40 OFFER Price \$1,320,00 \$1,320,00 OFFER Price
2 5 3 1 1 1 1 2 2 1	ECX100103 ECX100001-NS ECX100001-NS ECX1000201 ECX100204 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500007-R	MONTOR, 22W FP, BLK ADDIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FNO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,950.00 \$1,005.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA U/M UN UN	\$4,536.00 \$2,250.00 \$2,700.00 \$1,725.00 \$5,700.00 \$1,725.00 \$567.00 \$1,085.00 \$61.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 Ext. Price \$5,750.00 \$780.00	\$3,855,60 \$1,912,50 \$2,295,00 \$1,466,25 \$481,95 \$922,25 \$51,85 \$10,985,40 OFFER Prior \$0,00 \$1,320,00 \$1,320,00 \$1,320,00 \$4,887,50 \$663,00
2 5 3 1 1 1 1 2 12	ECX100103 ECX100001-NS ECX100001-NS ECX1000201 ECX100204 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv ECX500003 ECX500007-R ECX500007-R ECX500007	MONTOR, 22W FP, BLK ADDIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,850.00 \$1,005.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 \$1,320,00 Ext. Price \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,000 \$5,750,000 \$5,750,000	\$3,855,60 \$1,912,50 \$1,295,00 \$1,466,25 \$481,95 \$922,25 \$51,85 \$10,985,40 OFFER Prior \$0,00 \$1,320,00 OFFER Prior \$1,320,00 OFFER Prior \$4,887,50 \$663,00 \$474,30 \$2,975,00
2 5 3 1 1 1 3 12	ECX100103 ECX10001-NS ECX100001-NS ECX100001-NS ECX100201 ECX100201 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500007-R ECX500007-ECX500105	MONTOR, 22W FP, BLK ADDIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Fices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$1,512.00 \$450.00 \$1,350.00 \$245.00 \$1,350.00 \$1,085.00 \$51,085.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 \$1,320,00 \$2,5750,00 \$3558,00 \$35,000 \$31,790,00 \$1,790,00	\$3.855.60 \$1.912.50 \$1.22.50 \$1.466.25 \$481.95 \$922.25 \$51.85 \$10.985.40 OFFER Prior \$0.00 \$1.320.00 OFFER Prior \$4.867.50 \$4.863.00 \$4.743.00 \$2.975.00 \$1.521.50
2 5 3 1 1 1 1 2 12	ECX100103 ECX100001-NS ECX100001-NS ECX1000201 ECX100204 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv ECX500003 ECX500007-R ECX500007-R ECX500007	MONTOR, 22W FP, BLK ADDIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Fices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,850.00 \$1,005.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 \$1,320,00 Ext. Price \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,00 \$5,750,000 \$5,750,000 \$5,750,000	\$3.855.60 \$1.912.50 \$1.22.50 \$1.466.25 \$481.95 \$922.25 \$51.85 \$10.985.40 OFFER Prior \$0.00 \$1.320.00 OFFER Prior \$4.867.50 \$4.863.00 \$4.743.00 \$2.975.00 \$1.521.50
2 5 3 1 1 1 1 2 12	ECX100103 ECX10001-NS ECX100001-NS ECX100001-NS ECX100201 ECX100201 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500007-R ECX500007-ECX500105	MONTOR, 22W FP, BLK ADDIO INTERFACE UNIT (AIU) VoIP Phone Keyped, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Fices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,850.00 \$1,005.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 \$1,320,00 \$2,5750,00 \$3558,00 \$35,000 \$31,790,00 \$1,790,00	\$3.855.60 \$1.912.50 \$1.912.50 \$1.912.50 \$1.466.25 \$481.95 \$922.25 \$51.85 \$10,985.40 OFFER Prior \$0.00 \$0.00 \$1.320.00 \$1.320.00 OFFER Prior \$4.887.50 \$663.00 \$1.21.50 \$1.521.50 \$1.0521.50
2 5 5 3 1 1 1 1 1 1 2 2 1 1 1 1 2 2 6 6	ECX100103 ECX100001-NS ECX100001-NS ECX100204 ECX100204 ECX100216 ECX100316 ECX100316 ECX100316 ECX200001 ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500007-R ECX500017 ECX500017 ECX500017 ECX500105 Peripherals / Netw Part Number ECX700001	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Fices Sub-Total Hetwork and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) JORK Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,005.00 \$1,005.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$2,875.00 \$780.00 \$558.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,700,00 \$1,725,00 \$567,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,790,00 \$1,790,00 Ext. Price \$5,940,00	\$3,855,60 \$1,912,50 \$1,912,50 \$1,295,00 \$1,466,25 \$481,95 \$922,25 \$51,85 \$10,985,40 OFFER Prior \$0,000 \$0,000 \$1,320,000 \$1,320,000 \$1,320,000 \$4,887,50 \$4,887,50 \$4,887,50 \$4,887,50 \$1,521,50 \$1,521,50 \$10,521,30 OFFER Prior \$5,643,000 \$5,643,000 \$5,643,000 \$5,643,000 \$5,643,000 \$5,643,000 \$5,643,000 \$5,643,000
3 11 12 2 12	ECX100103 ECX10001-NS ECX100201 ECX100201 ECX100201 ECX100316 Hardware Sub-Tot Part Number ECX20001 ECX20002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003 ECX500007-R ECX500007-R ECX500007-B ECX500015 Peripherals / Netw	MONTOR, 22W FP, BLK ADDIO INTERRACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Cateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all: Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour rices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port PU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) sork Sub-Total System Services (600, 700, 800)	\$1,512.00 \$450.03 \$1,350.00 \$1,350.00 \$1,850.00 \$1,085.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$585.00 \$3,500.00 \$895.00	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536.00 \$2,250.00 \$2,250.00 \$2,700.00 \$1,725.00 \$5,567.00 \$1,085.00 \$61.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00 \$5,750.00 \$780.00 \$5,750.00 \$1,790.00 \$12,378.00 \$12,378.00 Ext. Price	\$3.855.60 \$1.912.50 \$1.912.50 \$1.912.50 \$1.912.50 \$1.466.25 \$481.95 \$5922.25 \$51.85 \$10.985.40 OFFER Price \$1.00 \$1.320.00 \$1.320.00 \$1.320.00 \$4.887.50 \$663.00 \$4.887.50 \$51.521.50 \$1.521.50 \$5.643.00 \$4.632.44
2 5 5 3 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1	ECX100103 ECX10001-NS ECX100201 ECX100201 ECX100201 ECX100316 Hardware Sub-Tot Part Number ECX200021 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500105 Peripherals / Netw	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Cateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$1,512.00 \$450.00 \$1,350.00 \$245.00 \$1,350.00 \$1,950.00 \$1,085.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$558.00 \$3,500.00 \$895.00 Unit Price \$3,975.00 \$780.00 \$780.00 \$558.00	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536.00 \$2,250.00 \$2,250.00 \$2,700.00 \$1,725.00 \$5,57.00 \$1,085.00 \$61.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00	\$3,855,60 \$1,912,50 \$1,912,50 \$2,295,00 \$1,466,25 \$481,95 \$922,25 \$51,85 \$10,985,40 OFFER Prior \$1,320,00 \$1,320,00 OFFER Prior \$4,887,50 \$663,00 \$47,43,00 \$1,521,50 \$1,521,50 \$1,521,50 \$1,521,50 \$1,521,50 \$1,521,50 \$1,521,50 \$1,521,50
2 5 3 1 1 1 1 2 2 1 1 1 2 6 1	ECX100103 ECX100001-NS ECX100001-NS ECX100204 ECX100204 ECX100316 ECX100311 ECX100316 Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007-R ECX50007-R ECX500007-R ECX500007-R ECX50007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX50007-R ECX500007-R ECX50007-R ECX500007-R ECX50007-R ECX50007-R ECX50007-R ECX50007-R ECX	MONTOR, 22W FP, BLK ADDO INTERRACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 6 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al. Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$1,512.00 \$450.00 \$1,350.00 \$245.00 \$1,350.00 \$1,950.00 \$1,085.00 \$61.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$558.00 \$3,500.00 \$895.00 Unit Price \$3,975.00 \$780.00 \$780.00 \$558.00	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,700,00 \$1,725,00 \$561,00 \$10,885,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$11,76,00 Ext. Price \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,320,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00 \$1,90,00	\$3,855,60 \$1,912,50 \$1,912,50 \$2,295,00 \$1,466,25 \$481,95 \$922,25 \$51,85 \$10,985,40 OFFER Prior \$1,0985,40 OFFER Prior \$1,320,00 OFFER Prior \$4,887,50 \$663,00 \$4,887,50 \$1,521,50 OFFER Prior \$1,320,975,00 S1,521,50 \$1,521,50
2 5 5 3 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1	ECX100103 ECX100001-NS ECX100001-NS ECX100204 ECX100204 ECX100216 ECX100216 ECX100316 ECX100316 ECX200001 ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500007-R ECX500007-R ECX500007-R ECX500015 Peripherals / Netw Part Number ECX700001	MONTOR, 22W FP, BLK ADDO INTERRACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Cateway, 6 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al. Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour rices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot SYSTEM ENGINEERING, Lot SYSTEM ENGINEERING, Lot SYSTEM ENGINEERING, Lot	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,905.00 \$1,005.00 \$51,005.00 Unit Price \$13,000.00 \$98.00 Unit Price \$2,875.00 \$780.00 \$558.00 \$3,500.00 \$895.00 Unit Price \$54,876.05 \$790.00 \$558,00 \$558,00 \$5780.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,700,00 \$1,725,00 \$5,770,00 \$1,725,00 \$557,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 Ext. Price \$5,750,00 \$780,00 \$5780,00 \$	\$3,855.60 \$1,912.50 \$1,22.50 \$1,466.25 \$481.95 \$922.25 \$51.85 \$10,985.40 \$0,00 \$0,00 \$0,00 \$0,00 \$1,320.00 \$1,320.00 \$1,320.00 \$4,887.50 \$663.00 \$1,520.50 \$1,521.50 \$1,521.50 \$1,521.50 \$1,521.50 \$1,681.64 \$11,957.03 \$3,4783.78
2 5 3 1 1 1 1 2 2 1 1 1 2	ECX100103 ECX10001-NS ECX10001-NS ECX100204 ECX100204 ECX100204 ECX100316 ECX100316 ECX100316 ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003-R ECX500007-R ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500018 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX50	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (PXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Prices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT. CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot DOES Sub-Total Recurring Maintenance Charges (900)	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,365.00 \$1,065.00 \$1,065.00 Unit Price \$13,000.00 \$598.00 Unit Price \$2,875.00 \$780.00 \$598.00 \$598.00 Unit Price \$2,875.00 \$3,500.00 \$598.00 \$5,500.00 \$5,500.00 \$5,500.00 \$5,500.00 \$5,500.00 \$1,700.10 Unit Price \$1,770.15	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,270,000 \$2,270,000 \$2,770,000 \$1,725,00 \$367,00 \$1,085,00 \$51,000 \$1,085,00 \$1,085,00 \$1,176,00 Ext. Price \$1,320,00 Ext. Price \$1,320,00 Ext. Price \$5,750,00 \$1,780,00 \$1,790,00	\$3,855,60 \$1,912,50 \$1,912,50 \$1,912,50 \$1,466,25 \$481,95 \$922,25 \$51,85 \$10,985,40 OFFER Prior \$0,000 \$0,000 \$1,320,000 \$1,320,000 OFFER Prior \$4,887,50 \$663,00 \$474,30 \$1,521,50 \$1,521,50 \$1,521,50 \$1,521,50 \$1,651,64 \$11,957,08 \$34,783,78 OFFER Prior \$3,4783,78
2 5 3 1 1 1 1 2 2 1 1 1 1 2	ECX100103 ECX100001-NS ECX100001-NS ECX100204 ECX100204 ECX100316 ECX100311 ECX100316 Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500007-R ECX50007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX50007-R ECX500007-R ECX50007-R ECX500007-R ECX50007-R ECX50007-R ECX50007-R ECX50007-R ECX	MONTOR, 22W FP, BLK ADDO INTERRACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 6 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al. Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos., / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$245.00 \$1,365.00 \$1,085.00 \$51,085.00 \$51,085.00 \$51,000.00 \$58.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$5895.00 \$3,500.00 \$895.00 Unit Price \$990.00 \$4,876.25 \$1,770.15	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,750,00 \$2,750,00 \$2,750,00 \$1,725,00 \$357,00 \$1,085,00 \$61,00 \$12,924,00 Ext. Price \$39,000,00 \$1,176,00 Ext. Price \$1,320,00 Ext. Price \$5,750,00 \$780,00 \$5558,00 \$31,500,00 \$1,790,00 \$12,378,00 Ext. Price \$5,750,00 \$1,790,00	\$3,855.60 \$1,912.50 \$1,912.50 \$2,295.00 \$1,466.25 \$481.95 \$922.25 \$51.85 \$10,985.40 OFFER Price \$1,320.00 OFFER Price \$4,887.50 \$663.00 \$4,887.50 \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$1,521.50 OFFER Price \$2,447.83,78 OFFER Price \$3,4,783,78
2 5 5 3 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 1 2 1	ECX100103 ECX10001-NS ECX10001-NS ECX100204 ECX100204 ECX100204 ECX100316 ECX100316 ECX100316 ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003-R ECX500007-R ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500017 ECX500018 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX50	MONTOR, 22W FP, BLK ADDO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (PXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Prices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT. CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot DOES Sub-Total Recurring Maintenance Charges (900)	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,365.00 \$1,065.00 \$1,065.00 Unit Price \$13,000.00 \$598.00 Unit Price \$2,875.00 \$780.00 \$598.00 \$598.00 Unit Price \$2,875.00 \$3,500.00 \$598.00 \$5,500.00 \$5,500.00 \$5,500.00 \$5,500.00 \$5,500.00 \$1,700.10 Unit Price \$1,770.15	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536,00 \$2,250,00 \$2,270,000 \$2,270,000 \$2,770,000 \$1,725,00 \$367,00 \$1,085,00 \$51,000 \$1,085,00 \$1,085,00 \$1,176,00 Ext. Price \$1,320,00 Ext. Price \$1,320,00 Ext. Price \$5,750,00 \$1,780,00 \$1,790,00	\$3,855,60 \$1,912,50 \$1,912,50 \$1,912,50 \$1,465,25 \$481,95 \$5922,25 \$51,85 \$10,985,40 OFFER Price \$0,000 \$0,000 \$0,000 \$1,320,000 OFFER Price \$4,887,50 \$663,00 \$474,30 \$1,521,50 \$10,521,50 \$1,521,50 \$1,632,43,00 \$4,632,44 \$1,681,64 \$11,957,08 \$34,783,78 OFFER Price
2 5 5 3 1 1 1 2 2 1 1 1 2 2 3 3 6 1 1	ECX100103 ECX10001-NS ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100316 Hardware Sub-Tot Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500007-R ECX500001 ECX5000105 Peripherals / Netw	MONTOR, 22W FP, BLK ADDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Cateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour vices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 10 15A 100/120V (NEMA 5-15) work Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot coes Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,365.00 \$1,065.00 \$1,065.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$588.00 \$3,500.00 \$895.00 Unit Price \$595.00 \$740.00 \$4,876.25 \$1,770.15	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$4,536.00 \$2,250.00 \$2,700.00 \$2,700.00 \$2,700.00 \$1,725.00 \$567.00 \$10,850.00 \$61.00 \$12,924.00 Ext. Price \$39,000.00 \$1,176.00 Ext. Price \$1,320.00 \$1,320.00 Ext. Price \$5,750.00 \$780.00 \$580.00 \$5,800.00 \$1,790.00 \$11,790.00 \$11,790.00 \$11,790.00 \$11,790.00 \$11,790.00	\$1.912.50 \$2.295.00 \$1.466.25 \$481.95 \$922.25 \$51.85 \$10,985.40 OFFER Price \$0.00 \$0.00 OFFER Price \$1,320.00 OFFER Price \$4.887.50 \$663.00 \$1,921.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,521.50 OFFER Price \$5,643.00 \$1,681.64

			Pos. Count 4 Yrs. Spt. 3.58		Site Name: Novi Regional Solution being Delivered: Hardware Refresh &	Outbound Tex no
Qty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
4	ECX100101	WKS PC, Dual Video, 8qb RAM	\$1,512.00	EA	\$6,048.00	\$5,140.80
8	ECX100103 ECX100001-NS	MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU)	\$450.00 \$1,350.00	EA EA	\$3,600.00 \$5,400.00	\$3,060.00 \$4,590.00
4	ECX100201 ECX100204	VoIP Phone Keypad, Genovation 24 Keypad DTP	\$345.00 \$189.00	EA EA	\$1,380.00 \$756.00	\$1,173.00 \$642.60
4	ECX100311	Media Gateway, 8 port FXO to SIP (Admin/Ringdown)	\$1,085.00	EA	\$4,340.00	\$3,689.00
2	ECX100316	Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$61.00	EA	\$122.00	\$103.70
	Hardware Sub-Tot	The Construction of the Co		10000	\$21,646.00	\$18,399.1
100	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Pric
4 16	ECX200001 ECX200022	CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$13,000.00 \$98.00	EA EA	\$52,000.00 \$1,568.00	\$0.00 \$0.00
	Software Sub-Tota	·		es for	\$53,568.00	\$0.0
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Pric
16	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$1,760.00	\$1,760.0
	Configuration Serv			/ HOUSE	\$1,760.00	\$1,760.0
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Pric
2	ECX500003 ECX500007-R	SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT	\$2,875.00 \$780.00	EA EA	\$5,750.00 \$780.00	\$4,887.5 \$663.0
1	ECX500017	IP to Serial Dist., 16 port	\$3,500.00	EA	\$3,500.00	\$2,975.0
2	ECX500105	PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$895.00	EA	\$1,790.00	\$1,521.5
	Peripherals / Netw	AND THE STATE OF T	1.00	PASSES	\$11,820.00	\$10,047.0
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Pric
8	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$990.00 \$6,481.96	EA UN	\$7,920.00 \$6,481.96	\$7,524.0 \$6,157.8
1	ECX800001	SYSTEM ENGINEERING, Lot	\$2,353.04	UN	\$2,353.04	\$2,235,3
	Professional Service	es Sub-Total			\$19,888.23	\$15,917.2
	TOTAL NR Char	aes:			\$108,682.23	\$46,123.3
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Pric
0.9	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$32,140.80	EA	\$28,926.72	\$0.0
3.58	ECX900004	ONSITE MAINTENANCE, per YEAR	\$7,200.00	EA	\$25,776.00	\$25,776.0
3	ECX900005	EXTENDED WARRANTY, per YEAR (2-5)	\$836.65	EA	\$2,509.95	\$2,509.9
	Sub-Total Recurrin	og Charges:			\$57,212.67	\$28,285.9
*****	TOTAL COST OF	OWNERSHIP:	3.58	YEAR(s)	\$165,894.90	\$74,409.3
			Pos. Count		Site Name:	Outbound Tex
			Pos. Count 2 Yrs. Spt 3.25	/	Site Name: Oak Park Dept. of PS Solution being Delivered: Hardware Refresh &	n
Oty	Part Number	Telecom / Position / Host Hardware (100)	Yrs. Spt.	U/ M	Oak Park Dept. of PS Solution being Delivered:	ľ
2	ECX100101	WKS PC, Dual Video, 8gb RAM	2 Yrs. Spt. 3.25 Unit Price \$1,512.00	EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00	OFFER Pric \$2,570.4
2 4 2	ECX100101 ECX100103 ECX100001-NS	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00	EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00	OFFER Pric \$2,570.4 \$1,530.0 \$2,295.0
2 4 2 2 2	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204	WKS PC, Dual Video, 8qb RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1350.00 \$189.00	EA EA EA EA	Oak Park Dept. of P S Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00	92,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3
2 4 2 2	ECX100101 ECX100103 ECX100001-NS ECX100201	WKS PC, Dual Video, 8ob RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone	2 Yrs, Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00	EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price. \$3,024.00 \$1,800.00 \$2,700.00 \$690.00	92,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3
2 4 2 2 2	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1 Hardware Sub-Total	WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$610.00	EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price. \$3,024,00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$610.00 \$9,202.00	97FER Pric \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5
2 4 2 2 2 2 1	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1 Hardware Sub-Total	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200)	2 Yrs, Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$189.00 \$610.00	EA EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$599.00 \$378.00 \$510.00 \$9,202.00 Ext. Price	0FFER Pric \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFFER Pric
2 4 2 2 2	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1 Hardware Sub-Total	WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$610.00	EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price. \$3,024,00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$610.00 \$9,202.00	97-FER Pric \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFFER Pric
2 4 2 2 2 1 1	ECX100101 ECX100103 ECX100001-NS ECX100001 ECX100201 ECX100204 ECX100312-1 Hardware Sub-Totz Part Number ECX200001	WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1350.00 \$145.00 \$145.00 \$145.00 \$145.00	EA EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$510.00 \$99,202.00 Ext. Price \$26,000.00 \$784.00	52,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFFER Pric
2 4 2 2 2 1 1	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota	WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1350.00 \$145.00 \$189.00 \$161.00	EA EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$51.00 Ext. Price \$26,000.00 \$784.00 \$26,000.00 \$784.00	0FTER Pric \$2,570.4 \$1,530.0 \$2,295.0 \$321.3 \$518.5 \$7,821.7 0FTER Pric \$0.0 \$0.0
2 4 2 2 2 2 1	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100312-1 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400)	2 Yrs, Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$189.00 \$610.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$590.00 \$378.00 \$510.00 \$9,202.00 Ext. Price \$26,000.00 \$784.00 \$26,784.00 Ext. Price	0FFER Pric \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$18.5 \$7,821.7 OFFER Pric \$0.0 \$0.0
2 4 2 2 2 1 1	ECX100101 ECX100103 ECX100101-NS ECX100201 ECX100204 ECX100204 ECX100312-1 Hardware Sub-Tota Part Number ECX200012 ECX200012 Software Sub-Tota Part Number ECX400004	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1350.00 \$145.00 \$189.00 \$161.00	EA EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$590.00 \$378.00 \$5178.00 \$510.00 \$5178.00	OFTER Price \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFTER Price \$0.0 OFTER Price \$880.0
2 4 2 2 2 2 1	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100201 ECX100204 ECX10012-1 Hardware Sub-Total Part Number ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servi	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ^o FP, BLK AUDIO INTERACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$145.00 \$189.00 \$189.00 \$189.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA EA EA U/M	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024,00 \$1,800.00 \$2,700.00 \$527,00.00 \$5378.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 \$25,784.00 Ext. Price \$26,000.00 \$784.00 \$25,784.00 Ext. Price \$280.00	OFTER Pric \$2,570,4 \$1,530,0 \$2,295,0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFTER Pric \$0.0 OFTER Pric \$880.0
2 4 2 2 2 2 1	ECX100101 ECX100103 ECX100101-NS ECX100201 ECX100204 ECX100204 ECX100312-1 Hardware Sub-Tota Part Number ECX200012 ECX200012 Software Sub-Tota Part Number ECX400004	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	2 Yrs, Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$189.00 \$610.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$590.00 \$378.00 \$5178.00 \$510.00 \$5178.00	0FTER Pri \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$5185 \$57,821.7 OFTER Pri \$0.0 \$0.0 \$580.0 \$\$880.0
2 4 2 2 2 2 1	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100204 ECX100312-1 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,512.00 \$345.00 \$1,512.00 \$145.00 \$189.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$13,000.00 \$10.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$378.00 \$51.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 Ext. Price \$880.00 Ext. Price \$880.00 \$380.00 Ext. Price \$350.00	0HER Pric \$2,570.4 \$1,520.0 \$2,295.0 \$586.5 \$212.3 \$518.5 \$7,821.7 OHER Pric \$0.0 \$0.0 OHER Pric \$880.0 OHER Pric \$297.5
2 4 2 2 2 2 1 1 2 8 8	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100312-1 Hardware Sub-Tota Part Number ECX2000022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500003-PR ECX500003	WKS PC, Dual Video, 8ob RAM MONITOR, 22W [®] FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE, 1/0/1000 SWITCH, 8-PORT POE, 1/0/1000 SWITCH, 8-PORT POE, 1/0/1000	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$4,50.00 \$1,350.00 \$2,345.00 \$18,9.00 \$18,000.00 \$98.00 Unit Price \$11,000.00 \$98.00 Unit Price \$11,100 \$1,143.00 \$2,275.00	EA EA EA EA EA U/M UN U/M EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$510.00 \$9,202.00 Ext. Price \$26,000.00 \$784.00 \$26,784.00 Ext. Price \$880.00 \$880.00 Ext. Price \$350.00 \$5,750.00 \$5,750.00	0FFER Pri \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821 0FFER Pri \$880.0 \$880.0 OFFER Pri \$297.5 \$1,943.1 \$4,887.5
2 4 2 2 2 2 1 2 8 8	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100001-NS ECX1000201 ECX1000201 ECX1000204 ECX100012-1 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500003-B ECX500003-B ECX500007-R ECX500007-1	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ^{II} FP, BLK AUDIO INTERACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE, 1/10/100 SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$2,450.00 \$189.00 \$189.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$51.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 Ext. Price \$350.00 \$2,286.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00	0FFER Pri \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 0FFER Pri \$880.0 \$880.0 0FFER Pri \$297.5 \$1,943.1 \$4,887.5 \$663.0
2 4 4 2 2 2 2 1 1 2 8 8 8	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100204 ECX100204 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500003-8 ECX500003-8 ECX500007-R	WKS PC, Dual Video, Bob RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS, BASED REC KIT - 4 Port SWITCH, 8-PORT POE, 10/100/1000 SWITCH, 24-PORT POE, 10/100/100 MISC. MAT., CABLES, RMIC., LOT	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,550.00 \$189.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$11,000 \$11,43.00 \$2,875.00 \$780.00 \$780.00	EA EA EA EA EA U/M UN U/M EA EA EA EA EA	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$2,700.00 \$590.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 \$380.00 Ext. Price \$880.00 \$590.00	0HER Pri 52,570.4 51,530.0 52,295.0 52,295.0 521,33 5518.5 57,321.7 0HER Pri 50.0 50.0 0HER Pri 5880.0 0HER Pri 5880.0 5880.1 54,887.5 54,887.5 54,975.0
2 4 4 2 2 2 2 1 1 2 2 8 8	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003-8 ECX500003-8 ECX500007-R ECX5000017	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERACE UNIT (AIU) Volip Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 10/100/1000 SWITCH, 24-PORT POE, 11/1/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$3450.00 \$189.00 \$5189.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 \$1,43.00 \$2,275.00 \$558.00 \$558.00 \$558.00 \$558.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$2700.00 \$378.00 \$510.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 \$580.00 \$580.00 \$5780.00 \$5780.00 \$5780.00 \$5780.00 \$5780.00 \$5580.00 \$5580.00 \$5558.00 \$5558.00	OFTER Pri \$2,570,4 \$1,530,0 \$2,295,0 \$586.5 \$321.3 \$5185 \$7,821.7 OFTER Pri \$0.0 OFTER Pri \$880.0 \$297.5 \$1,943.1 \$4,897.5 \$650.0 \$474.3 \$2,975.0 \$51,062.5
2 4 2 2 2 2 1 2 8 8	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100204 ECX1001204 ECX1001204 ECX1001204 ECX1001204 ECX100012-1 Part Number ECX2000012 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003-8 ECX500003-8 ECX500003-8 ECX500003-1 ECX500001-8 ECX500001-8	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ^{II} FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$1,100.00 Unit Price \$110.00 Unit Price \$110.00 \$2,875.00 \$7,80.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024,00 \$1,800,00 \$2,700,00 \$52,700,00 \$5378,00 \$378,00 \$378,00 \$378,00 Ext. Price \$26,000,00 \$784,00 Ext. Price \$280,00 \$2,286,00 \$2,286,00 \$2,286,00 \$2,286,00 \$3,500,00 \$5780,00	OFTER Price \$2,570,4 \$1,530,0 \$2,295,0 \$2,295,0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFTER Price \$80,0 OFTER Price \$880,0 OFTER Price \$297.5 \$1,943,1 \$4,887.5 \$66.5 \$474.3 \$2,975.0 \$1,052.5 \$2,282.2
2 4 2 2 2 2 1 2 8 8	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100204 ECX10012-1 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500002-PR ECX500003-R ECX500007-R ECX500001-ECX500017-R ECX500017-R ECX500017-R ECX500017-R ECX500105	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ^{II} FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$1,100.00 Unit Price \$110.00 Unit Price \$110.00 \$2,875.00 \$7,80.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00 \$3,50.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024,00 \$1,800,00 \$2,700,00 \$2,700,00 \$2,700,00 \$378,00 \$378,00 \$378,00 \$278,00 Ext. Price \$26,000,00 \$784,00 Ext. Price \$880,00 Ext. Price \$880,00 \$2,286,00 \$3,750,00 \$7,750,00 \$7,750,00 \$7,750,00 \$7,80,00 \$3,500,00 \$3,500,00 \$3,500,00 \$3,500,00 \$2,685,00	0FFER Pri \$2,570,4 \$1,530,0 \$2,250,0 \$2,250,0 \$586.5 \$321,3 \$518.5 \$7,821.1 OFFER Pri \$0,0 \$0,0 OFFER Pri \$297.5 \$1,943.1 \$4,887.5 \$563.0 \$21,975.0 \$1,943.1 \$2,975.0 \$2,282.2
2 4 2 2 2 2 1 1 1 1 1 3 3	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100204 ECX1001201 ECX1001204 ECX1001204 ECX1001204 ECX1001204 ECX100012 Software Sub-Tota Part Number ECX100002 ECX100002 Part Number ECX100003-8 ECX1000	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE 1/10/100/1000 SWITCH, 24-PORT POE: 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 300) PROJECT MANAGEMENT, UNIT	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$4,50.00 \$1,512.00 \$3,150.00 \$1,250.00 \$1,250.00 \$1,89.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$350.00 \$1,143.00 \$5,2875.00 \$7,80.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$5178.00 \$5178.00 \$26,000.00 \$784.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 Ext. Price \$380.00 \$380.00 \$2,286.00 \$57,750.00 \$780.00 \$51,250.00 \$51,250.00 \$11,250.00 \$11,250.00 \$2,685.00 \$11,7159.00 Ext. Price	0FFER Pric 52,570.4 51,530.0 52,295.0 5586.5 5321.3 5518.5 57,821.7 0FFER Pric 5880.0 0FFER Pric 5880.0 0FFER Pric 5297.5 51,943.1 54,887.5 5653.0 5474.3 52,975.0 51,062.5 51,282.2 514,585.1 0FFER Pric 53,762.0
2 4 2 2 2 2 1 2 8 8	ECX100101 ECX100103 ECX100101 ECX100101 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003-8 ECX500003-8 ECX500007-R ECX5000017 ECX500017-8 ECX500105 Peripherals / Netw	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGINS, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE. 1/1/100/1000 SWITCH, 24-PORT POE. 1/1/100/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,350.00 \$145.00 \$189.00 \$189.00 Unit Price \$13,000.00 \$110.00 Unit Price \$110.00 Unit Price \$150.00 \$1,450.00 \$580.00 \$1,450.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00 \$1,250.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$2,700.00 \$518.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 \$880.00 \$\$1,250.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$1,250.00 \$1,250.00 \$1,250.00 \$2,685.00 \$1,7159.00 Ext. Price	OFTER Pri \$2,570.4 \$1,530.0 \$2,295.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFTER Pri \$880.0 OFTER Pri \$880.0 OFTER Pri \$2,97.5 \$1,943.1 \$4,887.5 \$52,282.2 \$14,585.7 OFTER Pri \$3,762.0 \$1,745.6 \$3,762.0 \$3,762.0
2 4 2 2 2 2 1 2 8 8 8 4 1	ECX100101 ECX100103 ECX100103 ECX100101 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003-8 ECX500007-R ECX500007-R ECX5000017 ECX500017-8 ECX5000017-8 ECX500001	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) Vold Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE. 10/100/1000 SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTe., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,350.00 \$1,350.00 \$189.00 \$189.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 \$2,275.00 \$558.00 \$3,500.00 \$1,143.00 \$2,275.00 \$589.00 Unit Price \$350.00 \$3,500.00 \$3,500.00 \$3,900.00 \$3,900.00 \$3,900.00 \$3,943.83	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$2,700.00 \$378.00 \$519.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 \$5880.00 \$5880.00 \$517.50.00 \$5780.00 \$5780.00 \$5780.00 \$5780.00 \$5780.00 \$5780.00 \$51,750.00	0HER Pri \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFTER Pri \$880.0 OFTER Pri \$880.0 OFTER Pri \$4,887.5 \$4,887.5 \$4,43.3 \$4,43.3 \$51,975.0 \$1,062.5 \$2,282.2 \$14,585.3 OFTER Pri \$3,762.6 \$51,360.0
2 4 2 2 2 2 1 2 8 8 8 4 1	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100204 ECX100204 ECX100204 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500003 ECX500007-R ECX5000017 ECX5000017 ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX500001-	WKS PC, Dual Video, 8ob RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT – 4 Port SWITCH, 8-PORT POE. 10/100/1000 SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports – 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, Lot	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,350.00 \$1,350.00 \$189.00 \$189.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 \$2,275.00 \$558.00 \$3,500.00 \$1,143.00 \$2,275.00 \$589.00 Unit Price \$350.00 \$3,500.00 \$3,500.00 \$3,900.00 \$3,900.00 \$3,900.00 \$3,943.83	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$2,700.00 \$590.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 Ext. Price \$880.00 \$3880.00 Ext. Price \$350.00 \$2,286.00 \$5,750.00 \$	0HER Pri \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OHER Pri \$80.0 \$880.0 OHER Pri \$880.0 \$1,943.1 \$4,837.5 \$51,943.1 \$4,837.5 \$51,062.5 \$2,282.5 \$14,585.1 OFTER Pri \$3,752.0 \$3,746.6 \$1,360.0 \$8,865.7
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2 4 2 2 2 2 1 2 8 8 8 1 2 2 2 1 1 1 1 1 3 3	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100204 ECX100204 ECX100204 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500003 ECX500007-R ECX5000017 ECX5000017 ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX5000017-R ECX500001-	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ^o FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT. + 4 Port SWITCH, 8-PORT POE. 1/10/100 SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 300) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ses Sub-Total Recurring Maintenance Charges (900)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$4,450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$5178.00 \$5178.00 \$5178.00 \$26,000.00 \$784.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$380.00 Ext. Price \$380.00 \$380.00 \$1,250.00 \$57,750.00 \$780.00 \$51,266.00 \$1,266.00 \$1,250.00 \$3,500.00 \$1,250.00 \$3,500.00 \$1,250.00 \$3,500.00 \$3,500.00 \$1,250.00 \$3,941.83 \$1,431.65 \$11,248.71 S65,273.71 Ext. Price	OFTER Price \$2,570.4 \$1,530.0 \$2,295.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFTER Price \$80.0 \$880.0 OFTER Price \$297.5 \$1,943.1 \$4,887.5 \$4,523.2 \$1,4585.1 OFTER Price \$3,762.0 \$3,762.0 \$3,762.0 \$3,762.0 \$3,762.0 \$3,863.7
2 4 4 2 2 2 2 1 1 1 1 1 3 3	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500003-8 ECX500007-8 ECX500007-8 ECX5000017 ECX5000017 ECX5000017 ECX5000017 ECX500001 Part Number ECX700001 ECX7000001 ECX7000001 ECX7000000	WKS PC, Dual Video, 8ob RAM MONITOR, 22W* FP, BLK AUDIO INTERACE UNIT (AIU) Volip Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE, 10/100/1000 SWITCH, 24-PORT POE, 10/100/1000 SWITCH, 24-PORT POE, 11/0/100 MISC. MAT., CABLES, RME., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 10 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ses Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,250.00 \$1,250.00 \$189.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$150.00 \$1,143.00 \$2,875.00 \$558.00 \$1,143.00 \$558.00 \$1,250.00 \$1,143.00 \$2,875.00 \$3,500.00 \$1,250.	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$290.00 \$378.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 Ext. Price \$880.00 \$3880.00 Ext. Price \$350.00 \$2,286.00 \$5,750.00 \$780.00 \$5,750.00 \$5,750.00 \$1,25	OFTER Price \$2,570.4 \$1,530.0 \$2,295.0 \$2,285.5 \$21.3 \$518.5 \$7,821.7 OFTER Price \$880.0 OFTER Price \$297.5 \$1,943.1 \$4,887.5 \$1,062.5 \$2,282.5 \$1,4585.1 OFTER Price \$3,762.0 \$3,746.6 \$1,360.0 \$8,865.7 \$32,155.5 OFTER Price \$30.0
2 4 2 2 2 2 1 2 8 8 8 1 2 2 2 1 1 1 1 1 3 3	ECX100101 ECX100103 ECX100103 ECX100101 ECX100101 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500002-PR ECX500003 ECX500007-R ECX500001 ECX500017-8 ECX5000015 Peripherals / Netw Part Number ECX700001 ECX700002 ECX500001 Professional Servic TOTAL NR Chart	WKS PC, Dual Video, 8ob RAM MONITOR, 22W ^o FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT. + 4 Port SWITCH, 8-PORT POE. 1/10/100 SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 8 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 300) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ses Sub-Total Recurring Maintenance Charges (900)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$4,450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$110.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$690.00 \$378.00 \$5178.00 \$5178.00 \$5178.00 \$26,000.00 \$784.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$380.00 Ext. Price \$380.00 \$380.00 \$1,250.00 \$57,750.00 \$780.00 \$51,266.00 \$1,266.00 \$1,250.00 \$3,500.00 \$1,250.00 \$3,500.00 \$1,250.00 \$3,500.00 \$3,500.00 \$1,250.00 \$3,941.83 \$1,431.65 \$11,248.71 S65,273.71 Ext. Price	S2.570.4 \$1,530.0 \$2,275.0 \$586.5 \$321.3 \$518.5 \$7,821.7 OFFER Pric \$80.0 \$880.0 OFFER Pric \$297.5 \$1,943.1 \$4,887.5 \$663.0 \$4744.3 \$2,975.0 \$1,062.5 \$2,282.2 \$14,585.1 OFFER Pric \$3,762.0 \$8,863.7 \$3,746.6 \$1,360.0 \$8,863.7 \$3,746.5 \$1,3762.0 \$1,1700.0 \$1,1700.0 \$1,1700.0 \$1,1700.0
2 4 2 2 2 2 1 1 2 8 8 8 8 8 8 4 1 1 1 3 3 3 2 5 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100103 ECX100101 ECX100101 ECX100101 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX100201 ECX20001 ECX200022 Software Sub-Total Part Number ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003-8 ECX500007-R ECX500001-7 ECX500017-8 ECX500001-8 ECX500001-8 ECX500001 Professional Service TOTAL NR Chark Part Number ECX900000 ECX9000004	WKS PC, Dual Video, 8ob RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXS to SIP (Station Rec) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 8-PORT POE, 1/1/100/1000 SWITCH, 24-PORT POE, 1/1/100/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 16 port IP to Serial Dist., 18 Port, Remote PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot es Sub-Total Des: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	2 Yrs. Spt. 3.25 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,550.00 \$1,89.00 S189.00 Unit Price \$13,000.00 \$598.00 Unit Price \$110.00 Unit Price \$350.00 \$1,143.00 \$2,275.00 \$558.00 \$3,500.00 \$1,250.00 \$3,500.00 \$1,250.00 \$3,43.83 \$1,431.66	EA EA EA EA EA EA EA EA EA EA EA EA EA E	Oak Park Dept. of PS Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$2,700.00 \$290.00 \$378.00 \$510.00 Ext. Price \$26,000.00 \$784.00 Ext. Price \$880.00 Ext. Price \$880.00 Ext. Price \$880.00 \$1,250.00 \$	

			Pos. Count 2 Yrs. Spt. 3.75		Site Name; Rochester PD Solution being Delivered: Hardware Refresh &	Outbound Text
Qty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX100101 ECX100001-NS	WKS PC, Dual Video, 8qb RAM AUDIO INTERFACE UNIT (AIU)	\$1,512.00 \$1,350.00	EA EA	\$3,024.00 \$2,700.00	\$2,570.40 \$2,295.00
3 2	ECX100201 ECX100204	VoIP Phone Keypad, Genovation 24 Keypad DTP	\$345.00 \$189.00	EA EA	\$1,035.00 \$378.00	\$879.75 \$321.30
*	Hardware Sub-Tota	2 A CASA - A SERVICI MARIA AND COLLA A CASA MARIA SERVICI MARIA SERVICI A CASA CASA CASA CASA CASA CASA CASA	2103100		\$7,137.00	\$6,066.45
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX200001	CALLSTATION License	\$13,000.00	EA	\$26,000.00	\$0.00
8	ECX200022	VIRUS PROTECTION, WKS, – per Pos. / per YEAR	\$98,00	EA	\$784.00	\$0.00
	Software Sub-Total				\$26,784.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
8	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$880.00	\$880.00
	Configuration Servi	ices Sub-Total			\$880.00	\$880.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX500003	SWITCH, 24-PORT POE, 1/10/100	\$2,875.00	EA	\$5,750.00	\$4,887.50
1	ECX500007-R ECX500017	MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port	\$780.00 \$3,500.00	EA EA	\$780.00 \$3,500.00	\$663.00 \$2,975.00
2	ECX500105	PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$895.00	EA	\$1,790.00	\$1,521.50
	Peripherals / Netw	ork Sub-Total			\$11,820.00	\$10,047.00
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Prior
4	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$990.00 \$3,403.33	EA UN	\$3,960.00 \$3,403.33	\$3,762,00 \$3,233,17
1	ECX800001	SYSTEM ENGINEERING, Lot	\$1,235.46	UN	\$1,235.46	\$1,173.68
	Professional Service	es Sub-Total			\$10,245.47	\$8,168.85
	TOTAL NR Charc	nes:			\$56,866.47	\$25,162.30
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$16,070.40	EA	\$15,106.18	\$0.00
0.94	ECX900004	ONSITE MAINTENANCE, per YEAR	\$3,600.00	EA	\$13,500.00	\$13,500.00
0.94 3.75 3	ECX900005	EXTENDED WARRANTY, per YEAR (2-5)	\$473.93	EA	51,421.78	21,421.70
3.75	ECX900005 Sub-Total Recurrin	g Charges:	\$473.93	8345	\$30,027.95	\$14,921.7
3.75	ECX900005	g Charges:		YEAR(s)	#4800.9V(100117)	\$14,921.78
3.75	ECX900005 Sub-Total Recurrin	g Charges:	\$473.93 3.75 Pos. Count	8345	\$30,027.95 \$86,894.42 Site Name:	\$14,921.78 \$40,084.08 Outbound Text
3.75	ECX900005 Sub-Total Recurrin	g Charges:	\$473.93 3.75 Pos. Count 5 7 Yrs. Spt.	8345	\$80,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered:	\$14,921.78 \$14,921.78 \$40,084.08 Outbound Text
3.75	EC/90005 Sub-Total Recurrin TOTAL COST OF	q Changes: OWNERSHIP:	3.75 Pos. Count 5 Yrs. Spt. 3.75	YEAR(s)	\$80,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh &	\$14,921.78 \$40,084.08 Outbound Text
3.75 3	EC/300005 Sub-Total Recurrin TOTAL COST OF	q Charges: OWNERSHIP: Telecom / Position / Host Handware (100)	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price	YEAR(s)	\$80,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price	\$14,921.76 \$40,084.08 Outbound Text no
3.75 3	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103	Q Charges: OWNERSHIP: Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8th RAM MONITOR, 22W PP, BLK	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00	YEAR(s) U/M EA EA	\$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00	\$14,921.75 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50
3.75 3	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100103 EC/100001-N5 EC/100201	Q Charges: OWNERSHIP: Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONTOR, 22W PP, BLK AUDIO INTERACE UNIT (AIU) VoIP Phone	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3245.00	VEAR(s) U/M EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$5,750.00 \$1,725.00	\$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,462.50
3.75 3 *****	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX10001-NS	Q Charges: OWNERSHIP: Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AU)	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00	VEAR(s) U/M EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00	\$14,921.7/ \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50
3,75 3	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX1000103 ECX100001-NS ECX100204	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown)	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price. \$1,512.00 \$450.00 \$345.00 \$345.00 \$345.00 \$188.00	VEAR(s) U/M EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$945.00	\$40,084.08 Outbound Text no OFFER Price 56,426.00 51,912.50 51,466.25 \$803,25 \$1,139.00
3,75 3	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/10001-N5 EC/100201 EC/100204 EC/100313	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown)	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price. \$1,512.00 \$450.00 \$345.00 \$345.00 \$345.00 \$188.00	VEAR(s) U/M EA EA EA EA EA EA	\$80,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$6,750.00 \$1,725.00 \$945.00 \$1,340.00	\$14,921.76 \$40,084.08 Outbound Text no OFFER Price: \$6,426.00 \$1,912.50 \$5,737.50 \$1,464.50 \$1,139.00 \$17,484.50
3.75 3 ******	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100103 EC/100001-N5 EC/100204 EC/100204 EC/100203 Hardware Sub-Total	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AUU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown)	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$188.00 \$5670.00	YFAR(s) U/M EA EA EA EA EA EA	\$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$945.00 \$1,340.00 \$20,570.00	\$14,921.76 \$40,084.08 Outbound Text no OFFER Price: \$6,426.00 \$1,912.50 \$5,737.50 \$1,464.50 \$1,139.00 \$17,484.50
3.75 3 00ty 5 5 5 5 5 5 5 5 5 5 5 5 2	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX1000103 ECX100201 ECX100204 ECX100204 ECX100204 Part Number EC/200001 EC/200001 EC/200001 EC/200001	Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W, PP, BLK AUDIO INTERFACE UNIT (AU) Volip Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 \$670.00	VFAR(s) U/M EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$4,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00	\$14,921,76 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.25 \$803.25 \$1,139.00 \$117,484.50 OFFER Price \$0.00 \$0.00
3.75 3 ***********************************	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100201 EC/100201 EC/100204 EC/100204 EC/100313 Hardware Sub-Total Part Number EC/200001	Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W, PP, BLK AUDIO INTERFACE UNIT (AU) Volip Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$473.93 3.75 Pos. Count 5 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$5185.00 \$5745.00 Unit Price \$13,000.00 \$98.00	YEAR(s) U/M EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00	\$14,921.72 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.22 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$0.00 \$0.00 \$0.00
3.75 3 00ty 5 5 5 5 5 5 5 5 5 5 5 5 2	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX1000103 ECX100201 ECX100204 ECX100204 ECX100204 Part Number EC/200001 EC/200001 EC/200001 EC/200001	Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W, PP, BLK AUDIO INTERFACE UNIT (AU) Volip Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1.512.00 \$4540.00 \$1.350.00 \$345.00 \$5189.00 \$670.00 Unit Price \$13,000.00	YEAR(s) U/M EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$4,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00	\$14,921.72 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.22 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$0.00 \$0.00 \$0.00
3.75 3	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/10001-NS EC/100201 EC/100204 EC/100204 EC/100313 Hardware Sub-Total EC/200001 EC/200001 EC/200002 Software Sub-Total	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) VoIP Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR	\$473.93 3.75 Pos. Count 5 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$5185.00 \$5745.00 Unit Price \$13,000.00 \$98.00	YEAR(s) U/M EA EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$52,250.00 \$57,750.00 \$1,725.00 \$1,725.00 \$1,340.00 Ext. Price \$65,000.00 \$1,960.00 \$1,960.00	\$14,921,76 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.25 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$0.00 \$0.00 \$0.00
Oty 5 5 5 5 5 5 2 2 5 2 0	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100103 EC/100201 EC/100204 EC/1002	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$188.00 \$5670.00 Unit Price \$13,000.00 \$98.00	V/M EA EA EA EA EA EA EA U/M	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$51,725.00 \$945.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 \$1,960.00 Ext. Price	\$14,921.77 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1.912.50 \$51,737.50 \$1,462.50 \$11,39.00 \$10,000 \$0,000 OFFER Price \$2,200.00
Oty 5 5 5 5 5 5 2 2 5 2 0	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100103 EC/100103 EC/100204 EC/100204 EC/100204 EC/100204 EC/100202 Software Sub-Total Part Number EC/200001 EC/200022 Software Sub-Total Part Number EC/400004	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software: Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$188.00 \$5670.00 Unit Price \$13,000.00 \$98.00	V/M EA EA EA EA EA EA EA U/M	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$545.00 \$1,340.00 \$20,570.00 Ext. Price \$66,960.00 Ext. Price \$2,200.00	\$14,921.77 \$40,084.08 Outbound Text no OFFER Price \$56,426.00 \$1,912.50 \$51,737.50 \$17,484.50 OFFER Price \$0,000 \$0,000 \$7,000 \$2,200.00 \$2,200.00
3.75 3 ***** 5 5 5 5 5 5 5 5 2 2	ECX300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX10001-NS ECX100201 ECX100204 ECX100204 ECX100204 ECX100204 ECX100204 ECX200001 ECX200001 ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servit Part Number ECX400004 Configuration Servit Part Number ECX500003	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100	\$473.93 3.75 Pos. Count 5 7	YEAR(s) U/M EA EA EA EA EA U/M U/M EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00	\$14,921.74 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$1,912.50 \$1,466.22 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50
3.75 3 ****** 5 5 5 5 5 5 5 2 2 20	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100103 EC/100201 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 Configuration Servi Part Number EC/200002 Software Sub-Total Part Number EC/400004 Configuration Servi Part Number EC/400004 Configuration Servi Part Number EC/500003 EC/500003-R EC/5000003-R EC/5000003-1	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$188.00 \$5670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$17,000.00 \$586.00	YEAR(s) U/M EA EA EA EA EA U/M U/M U/M EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,340.00 Ext. Price \$66,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$780.00 \$780.00 \$55,750.00 \$58,00.00 \$5,750.00 \$780.00 \$55,750.00 \$58,00.00	\$14,921,76 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$1,912.50 \$1,912.50 \$1,466.25 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$0,00 \$0,00 \$2,200.00 \$2,200.00 \$4,887.50 \$663.00 \$4,743.30
Otv 5 5 5 5 5 5 5 5 5 2 2 2 2 2 1 1	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100204 ECX100204 ECX100204 Part Number EC/200001 EC/200002 Software Sub-Total Part Number EC/400004 Configuration Servit Part Number EC/400004 Configuration Servit Part Number EC/500007 EC/500007-R	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION Licanse VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$445.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$5670.00 Unit Price \$11,000.00 \$98.00 Unit Price \$110.00 Unit Price \$170.00	YEAR(s) U/M EA EA EA EA U/M U/M U/M U/M EA EA	\$30,077.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$5,750.00 \$1,725.00 \$945.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$780.00	\$14,921.77 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.25 \$1,139.00 \$17,484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50 \$663.00
3.75 3 ***********************************	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX10001-NS ECX100204 ECX100204 ECX100204 ECX100204 ECX20001 Part Number EC/200001 EC/200022 Software Sub-Total Part Number EC/400004 Configuration Service Part Number EC/400004 Configuration Service Part Number EC/500003 EC/500003 EC/500007-R EC/5000017	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) Voli Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Des Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1380.00 \$1450.00 \$1450.00 \$1880.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$558.00 \$558.00 \$558.00	V/M EA EA EA EA EA U/M UN U/M EA EA EA EA	\$30,077.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$945.00 \$13,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 \$2,200.00 \$3,780.00 \$3,780.00 \$3,780.00 \$3,550.00 \$3,550.00 \$3,550.00	\$14,921.77 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$1,466.25 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50 \$4,887.50 \$4,887.50 \$4,887.50 \$1,521.50
3.75 3 ****** 5 5 5 5 5 5 5 5 5 2 2 20	EC/300005 Sub-Total Recurrin. TOTAL COST OF Part Number ECX100101 ECX100103 ECX1000103 ECX1000201 ECX100204 ECX100204 ECX100204 ECX100204 ECX200021 Part Number EC/200001 EC/200012 Software Sub-Total Part Number EC/400004 Configuration Servi Part Number EC/400004 Configuration Servi Part Number EC/500003 EC/500007 EC/500007 EC/500007 EC/5000017 EC/500105	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) Voli Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Ringdown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Des Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1380.00 \$1450.00 \$1450.00 \$1880.00 \$670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$558.00 \$558.00 \$558.00	V/M EA EA EA EA EA U/M UN U/M EA EA EA EA	\$30,077.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$4,750.00 \$1,725.00 \$945.00 \$1,725.00 \$45,750.00 \$1,725.00 \$45,750.00 \$1,750.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,750.00 \$558.00 \$558.00 \$5,750.00 \$558.00 \$5,750.00 \$5,750.00 \$558.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00	\$14,921.77 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,456.25 \$803.25 \$1,139.00 \$1,7484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50 \$4,887.50 \$4,887.50 \$4,887.50 \$1,521.50 \$10,521.50
3.75 3 00v 5 5 5 5 5 5 5 5 5 5 2 2 20	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100313 Hardware Sub-Total Part Number ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500007-R ECX500007-R ECX5000017 ECX50017 ECX50017 ECX50015 Peripherals / Network Part Number ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port PXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION Licanse VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$145.00 \$189.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00 Unit Price \$190.00 \$589.00 Unit Price \$590.00 \$599.00	U/M EA EA EA EA U/M U/M U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$5,750.00 \$1,725.00 \$945.00 \$1,725.00 \$945.00 \$1,725.00 \$945.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$2,200.00 Ext. Price \$5,750.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00	\$14,921.7/ \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.25 \$003.25 \$1,139.00 \$17,484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50 \$4,887.50 \$4,887.50 \$4,887.50 \$4,887.50 \$1,521.50 OFFER Price \$3,405.00 \$5,405.00
Oty 5 5 5 5 5 5 5 2 2 2 2 2 1 1 1 2 2	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/300101 EC/30001-N5 EC/30001-N5 EC/30001-N5 EC/30001-N5 EC/30001-N5 EC/300001 EC/200001 EC/200001 EC/200001 EC/200001 Part Number EC/400004 Configuration Servi Part Number EC/500003 EC/500007-R EC/500007-R EC/5000017 EC/500105 Peripherals / Networe	Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) Voli Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA S-15) ork Sub-Total System Services (600, 700, 800)	\$473.93 3.75 Pos. Count 5 7 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1350.00 \$145.00 \$5185.00 \$545.00 \$1885.00 \$5670.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,675.00 \$780.00 \$585.00 \$555.00 \$5550.00 \$5550.00 \$5550.00 \$5550.00	U/M EA EA EA EA U/M UN UN U/M EA EA EA U/M UN	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$51,725.00 \$1,725.00	\$14,921.7/ \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.25 \$803.25 \$1,139.00 \$17,484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50 \$4,887.50 \$4,887.50 \$4,887.50 \$1,521.50 \$10,521.30 OFFER Price \$3,405.00 \$5,945.00
3.75 3 ****** 5 5 5 5 5 5 5 5 5 2 2 20	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100101 EC/100103 EC/100201 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 EC/200002 Software Sub-Total Part Number EC/200002 Software Sub-Total Part Number EC/200007 Part Number EC/300007 Part Number EC/300007 Part Number EC/300007 Part Number EC/300007 EC/300007 Part Number EC/300007 Part Number EC/300007 Part Number EC/300007 Part Number EC/300007 Part Number EC/3000015	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS, – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour DES Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) DORK Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, Lot	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$188.00 \$545.00 \$188.00 \$188.00 \$578.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$555.00 \$555.00 \$555.00 \$57453.88	U/M EA EA EA EA U/M U/M EA EA EA U/M U/M EA EA EA EA EA EA EA U/M U/M EA EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$51,725.00 \$1,725.00	\$14,921,72 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.22 \$803.25 \$1,139.00 \$1,7484.50 OFFER Price \$2,200.00 \$2,200.00 \$4,887.50 \$663.00 \$2,975.00 \$1,521.50 \$10,521.30 OFFER Price \$9,405.00 \$7,081.19 \$2,2570.57
3.75 3 ***** 5 5 5 5 5 5 5 5 5 5 5 5 5 5 2 2 2 2	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/100103 EC/100201 EC/100201 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 EC/100204 Part Number EC/200002 Software Sub-Total Part Number EC/400004 Configuration Servi Part Number EC/500007 EC/500007 Part Number EC/5000017 EC/500017	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$188.00 \$545.00 \$188.00 \$188.00 \$578.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$555.00 \$555.00 \$555.00 \$57453.88	U/M EA EA EA EA U/M U/M EA EA EA U/M U/M EA EA EA EA EA EA EA U/M U/M EA EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,340.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$780.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$7,453.88 \$2,705.86	\$14,921.74 \$40,084.08 Outbound Text no OFFER Price \$5,426.00 \$1,912.50 \$1,912.50 \$1,456.25 \$103.25 \$1,139.00 \$1,7484.50 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$474.30 \$2,975.00 \$1,521.50 OFFER Price \$9,405.00 \$7,081.19 \$2,2570.57
3.75 3 ****** 5 5 5 5 5 5 5 5 5 2 2 20	EC/300005 Sub-Total Recurrint TOTAL COST OF Part Number EC/100101 EC/100103 EC/100103 EC/100204 EC/100204 EC/100204 EC/100202 Software Sub-Total Part Number EC/200001 EC/200002 Part Number EC/300003 Part Number EC/300007 Part Number EC/300003 Part Number EC/300007 Part Number EC/3000017 EC/3000017 EC/3000017 EC/300001 EC/700001 EC/700001 EC/700001 EC/700001 EC/700001 EC/700001 EC/700001 EC/700001 EC/700001 EC/700001 EC/300001 Professional Service	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ces Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) ork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$188.00 \$545.00 \$188.00 \$188.00 \$578.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$555.00 \$555.00 \$555.00 \$57453.88	U/M EA EA EA EA U/M U/M EA EA EA U/M U/M EA EA EA EA EA EA EA U/M U/M EA EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$1,725.00 \$2,200.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$2,453.88 \$2,705.86 \$23,656,43	\$14,921,77 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$5,737.50 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.22 \$1,466.20 \$1,466.20 \$1,466.20 \$1,466.20 \$1,466.20 \$1,466.20 \$2,200.00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$474.30 \$2,2975.00 \$10,521.30 OFFER Price \$9,405.00 \$7,081.19 \$2,2570.57 \$19,055766 \$49,262.56
3.75 3 00v 5 5 5 5 5 5 5 5 5 5 5 2 2 20 20 11 11 12	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number ECX100101 ECX100103 ECX100001-NS ECX100001 ECX100204 ECX100204 ECX100201 ECX100202 Software Sub-Total Part Number ECX200001 ECX400004 Configuration Service Part Number ECX500003-R ECX500007-R ECX500007-R ECX500001-F ECX500017 ECX500017 ECX500017 ECX500017 Part Number ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONTOR, 22W' PP, BLK AUDIO INTERFACE UNIT (AU) Voli Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour coes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) sirk Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ess Sub-Total res:	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$1,450.00 \$1,450.00 \$1,890.00 \$1,900.00 \$1,000.00 Unit Price \$110.00 Unit Price \$1,000.00 \$1,2875.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,450.88 \$1,705.86	YEAR(s) U/M EA EA EA EA EA U/M UN U/M EA EA EA U/M UN UN UN UN UN UN UN UN UN U	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$	\$14,921,76 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$1,466.25 \$1,466.25 \$1,439.00 \$1,7484.50 OFFER Price \$0,00 \$0,00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$653.00 \$17,487.50 \$15,213.00 OFFER Price \$1,0521.30 OFFER Price \$3,405.00 \$1,521.30 OFFER Price \$5,405.00 \$7,081.19 \$2,275.75 \$19,0557.66 \$49,262.56
3.75 3 ****** Otv 5 5 5 5 5 2 2 20 20 20 10 11 1	Part Number	Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) Volip Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Des Sub-Total Network and Misc. Hardware and Equipment (300) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER Pto Serial Dist., 16 port PDU, Rack Mount. Horz., 8 ports - 1U 15A 100/120V (NEMA S-15) System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ES Sub-Total Res: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,000.00 Unit Price \$110.00 Unit Price \$1,000.00	U/M EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$1,960.00 Ext. Price \$2,200.00 \$1,960.00 \$1,960.00 \$2,200.00 \$2,200.00 Ext. Price \$3,750.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,7453.88 \$2,705.86 \$23,656.43 \$125,764.43 Ext. Price \$33,750.00	\$14,921,76 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,912.50 \$1,486.12 \$0,000 \$1,486.13 \$1,912.50 \$1,912
3.75 3 0tv 5 5 5 5 5 5 5 5 5 2 2 20	EC/300005 Sub-Total Recurrin TOTAL COST OF Part Number EC/300101 EC/3000103 EC/30001-NS EC/30001-NS EC/30001-NS EC/3000104 EC/300001 EC/200002 Software Sub-Total Part Number EC/200001 EC/200002 Software Sub-Total Part Number EC/400004 Configuration Servic Part Number EC/500003 EC/500007-R EC/500007-R EC/500001 Part Number EC/700001 EC/700001 Part Number EC/700001 TOTAL NR Chard Part Number EC/700001 EC/700001 Professional Service TOTAL NR Chard Part Number EC/900000 EC/9000004 EC/9000005	Telecom / Position / Host Handware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* PP, BLK AUDIO INTERFACE UNIT (AU) Voli Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinadown) Software. Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Des Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT PRINTER IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA S-15) Des Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot SSub-Total RES: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR EXTENDED WARRANTY, per YEAR	\$473.93 3.75 Pos. Count 5 Yrs. Spt 3.75 Unit Price \$1,151.00 \$450.00 \$1,350.00 \$1450.00 \$1,350.00 \$1450.00 \$1,350.00 \$189.00 \$670.00 Unit Price \$110.00 Unit Price \$12,875.00 \$785.00 \$589.00 \$5895.00 \$5895.00 \$1,453.88 \$2,705.86	U/M EA EA EA EA EA EA EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$51,750.00 \$1,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price \$2,200.00 \$1,960.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,550.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,7453.88 \$2,705.86 \$23,656.43 \$125,764.43 Ext. Price \$33,750.00 \$2,471.10	\$14,921,76 \$40,084.08 Outbound Text no OFFER Price \$6,426.00 \$1,912.50 \$1,
3.75 3 00tv 5 5 5 5 5 5 5 5 2 2 20 20 20 11 11 2	Part Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovasion 24 Keypad DTP Media Gateway, 4 Port FXO to SIP (Admin/Rinodown) Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Ses Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE, LOT PRINTER IP to Serial Dist., 16 port PU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) DOK SUb-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot SSub-Total Res: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5) at Charges:	\$473.93 3.75 Pos. Count 5 Yrs. Spt. 3.75 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,000.00 Unit Price \$110.00 Unit Price \$1,000.00	U/M EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$30,027.95 \$86,894.42 Site Name: Royal Oak PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$2,250.00 \$5,750.00 \$1,725.00 \$1,725.00 \$1,340.00 \$20,570.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$1,960.00 Ext. Price \$2,200.00 \$1,960.00 \$1,960.00 \$2,200.00 \$2,200.00 Ext. Price \$3,750.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,7453.88 \$2,705.86 \$23,656.43 \$125,764.43 Ext. Price \$33,750.00	\$14,921,78 \$40,084,08 Outbound Text no OFFER Price \$6,426,00 \$1,912,50 \$1,912,50 \$1,466,12 \$80,225 \$1,139,00 \$17,484,50 OFFER Price \$0,00 \$0,00 \$0,00 \$17,484,50 OFFER Price \$2,200,00 \$4,887,50 \$4,887,50 \$4,887,50 \$563,00 \$47,43,20 \$2,375,00 \$7,081,19 \$2,570,57 \$19,05,572,50 OFFER Price \$9,405,00 \$7,081,19 \$2,570,57 \$19,05,572,50 OFFER Price \$0,000 \$33,750,00 \$33,750,00

			Fos. Count 8 Ync. 8pt 4.08		Site Name: Southfield PD Solution being Delivered: Hardware Refrech &	Outbound Text no
	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
6 12	ECX100103	WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BLK	\$1,512.00 \$450.00	EA EA	\$9,072.00 \$5,400.00	\$7,711.20 \$4,590.00
6	ECX100001-NS ECX100201	AUDIO INTERFACE UNIT (AUI) VuIP Phone	\$1,350.00 \$345.00	EA,	\$8,100.00	\$6,885.00 \$1,759.50
6	ECX100204 ECX100311	Keypad, Genovation 24 Keypad DTP	\$189.00 \$1,085.00	EA EA	\$1,134.00	\$963.90
200	ECX100316	Media Gatoway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$61.00	EA	\$6,516.00 \$183.00	\$5,533.50 \$155.55
	Hardware Sub-Tota		-	100	\$32,469.00	\$27,598.65
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
6	ECX200001 ECX200022	CALLSTATION LICENSE. VIRLIS PROTECTION, WKS per Pos. / per YEAR.	\$13,000.00 \$99.00	EA	\$78,000.00 \$2,352.00	\$0.00
	Software Sub-Total	and the control of th		1000	\$80,352.00	\$0.00
	Part Humber	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
4	ECX100001	CONFIGSTAGING, Per Hour	\$110.00	UN	\$2,640.00	\$2,640.00
	Configuration Servi	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	\$2,640.00 Ext. Price	\$2,640.00 OFFER Price
2	ECX500003	SWITCH, 24-PORT POE, 1/10/100	\$2,875.00	EA	\$5,750.00	\$4,887.50
1	ECX500007-R ECX500017	MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port	\$790.00 \$3,500.00	EA EA	\$780.00 \$3,500.00	\$663.00 \$2,975.00
	ECX500105	PDU, Raidi Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$895.00	EA	\$1,790.00	\$1,521.50
	Peripherals / Netwo	ork Sub-Total			\$11,820.00	\$10,047.00
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$990.00 \$9,291.51	EA, UN	\$11,880.00 \$9,291.51	\$11,285.00 \$8,826,94
	ED(800001	SYSTEM ENGINEERING, Lat	\$3,372.95	ON	\$3,372.95	\$3,204.30
	TOTAL NR Charg				\$125,031,54 \$156,312,54	\$63,602,89
	Part Number	Recurring Maintenance Charges (900)	Unit Price	и/м	Ext. Price	OFFER Price
	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$53,434.08	EA	\$43,815.95	\$0.00
DEI	ECX900004 ECX900005	ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$10,800.00 \$1,107.23	∄A EA	\$/11,061.00 \$1,128.90	\$41,064.00 \$4,428.90
	Sub-Total Recurring	g Chargesi	\$47.6490		\$92,308.85	\$48,492.90
***	TOTAL COST OF	OWNERSHIP:	4.08	YEAR(s)	\$248,621.38	\$112,095.79
***	TOTAL COST OF	OWNERSHIP:	Pos. Count 6 Yrs. Spt. 3.33	YEAR(s)	Site Name: Troy PD Solution being Delivered: Hardware Refresh &	S112,095.79 Outbound Text
			Pos. Count 6 Yrs. Spt. 3.33		Site Name: Troy PD Solution being Delivered: Hardware Refresh &	Outbound Text no
Pty 6	Part Number ECX100101	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51,512.00	U/M EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00	Outbound Text no OFFER Price 57,711.20
6 10	Part Number	Telecom / Position / Host Hardware (100)	Pos. Count 6 Yrs. Spt 3.33 Unit Price	U/M	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price	Outbound Text no
5 0 5 5	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W ^T FP, BLK AUDIO INTERFACE UNIT (AIU) VOIP Phone	Pos. Count 5 Yrs. Spt. 3.33 Unit Price 51.512.00 \$450.00 \$1,350.00 \$345.00	U/M EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$6,750.00 \$2,770.00	Offer Price 57.711.20 53.825.00 55.737.50 51.759.50
5005	Part Number ECX100101 ECX100103 ECX100001-N5 ECX100201 ECX100204 ECX100205-1	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FVS to 5IP (Station Rec)	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51,512.00 \$450.00 51,350.00 \$3450.00 \$1350.00 \$1350.00 \$189.00 \$1,005.00	U/M EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$6,575.00 \$2,070.00 \$1,134.00 \$1,085.00	Offer Price \$7,711.20 \$3,825.00 \$5,737.50 \$1,759.50 \$963.90
5 0 5 5 5 1	Part Number ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100305-1 ECX100311	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to STP (Station Rec) Media Gateway, 8 Port FXO to STP (Admin)Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51,512.00 \$450.00 \$1350.00 \$345.00 \$189.00	U/M EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & ### S9,072.00 \$4,500.00 \$6,750.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,177.00 \$61,00	Otten Text no S7.711.20 S3.825.00 S5.737.50 S1.759.50 S982.22 S1.844.50 S51.85
5 0 5 5 5 1	Part Number ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX1002051 ECX100204 ECX100305-1 ECX100316 Hardware Sub-Tota	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BUK AUDIO INTERFACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51,512.00 5450.00 51,350.00 5345.00 5189.00 51,085.00 51,085.00 51,085.00 551,005.00	U/M EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & 59,072.00 54,500.00 56,750.00 51,134.00 51,085.00 52,170.00 51,170.00 551.00 \$2,270.00 \$2,270.00 \$3,270.00 \$4,270.00 \$51,270.00 \$51,270.00 \$51,270.00	Otten Price 57,711.20 53,825.00 57,725.50 51,725.50 5963.90 5922.25 51,844.50 551.85
6 0 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100305-1 ECX100311 ECX100316 Hardware Sub-Totz Part Number ECX200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W ^F PP, BLK AUDIO INTERPACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port PXS to STP (Station Rec) Media Gateway, 8 Port PXO to STP (Admin/Ringdown), Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al Software Components (200) CALLSTATION License	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51.512.00 \$450.00 \$1350.00 \$145.00 \$145.00 \$145.00 \$145.00 \$145.00 \$1.005.00 \$1.005.00 \$1.005.00 \$1.005.00	U/M EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$2,070.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,177.00 \$51.00 \$22,5422.00 Ext. Price \$78,000.00	Orten Price 57,711.20 53,825.00 51,759.50 51,759.50 5922.25 51,844.50 \$51,85 \$22,815.70 Offer Price \$0.00
6 0 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100305-1 ECX100311 ECX100316 Hardware Sub-Totz Part Number ECX200001 ECX2000022	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin)Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51,512.00 5450.00 51,350.00 5183.00 51,985.00 51,085.00 561.00	U/M EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh &: \$9,972.00 \$4,500.00 \$4,500.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,177.00 \$61.00 Ext. Price \$78,000.00 \$2,352.00	Orfer Price 57,711.20 53,825.00 53,825.00 51,739.50 51,739.50 5922.25 51,844.50 551.85 \$22,815.70 Offer Price \$0.00 \$0.00
5 5 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Part Number ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100305-1 ECX100311 ECX100316 Hardware Sub-Totz Part Number ECX200001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin)Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51.512.00 \$450.00 \$1350.00 \$145.00 \$145.00 \$145.00 \$145.00 \$145.00 \$1.005.00 \$1.005.00 \$1.005.00 \$1.005.00	U/M EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$2,070.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,177.00 \$51.00 \$22,5422.00 Ext. Price \$78,000.00	Orfer Price 57,711.20 \$7,711.20 \$3,825.00 \$5,737.50 \$1,759.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 Offer Price \$0.00 \$0.00
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Part Number ECX100101 ECX100103 ECX100001-N5 ECX100201 ECX100204 ECX10023051 ECX100316 Hardware Sub-Tota CX200001 ECX200002 Software Sub-Tota	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51.512.00 5450.00 51.350.00 51.985.00 51.085.00 51.085.00 51.085.00 51.085.00 51.085.00 51.085.00 51.085.00	U/M EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & \$9,072.00 \$9,072.00 \$1,350.00 \$1,134.00 \$1,085.00 \$2,177.00 \$51.00 \$24,500.00 \$25,342.00 Ext. Price \$78,000.00 \$2,352.00 \$80,352.00	Orfer Price 57,711.20 \$7,711.20 \$3,825.00 \$5,737.50 \$1,759.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 Offer Price \$0.00 \$0.00
6 0.00 5 5 6 6 6 1 1 2 2 1 1	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100205-1 ECX100216 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BUK AUDIO INTERRACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51.512.00 5450.00 51.350.00 51.95.00 51.095.00 51.095.00 51.095.00 51.095.00 Unit Price 513,000.00 598.00	U/M EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$6,750.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,170.00 \$51.00 Ext. Price \$78,000.00 \$2,352.00 \$80,352.00 Ext. Price Ext. Price	Otten Price S7.711.20 \$7.711.20 \$3.825.00 \$5.737.50 \$1.759.50 \$963.90 \$922.25 \$1.844.50 \$51.85 \$22.815.70 OFFER Price \$0.00 \$0.00 OFFER Price
6 6 0 0 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 ECX100305-1 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 CX200001 CX200001 CX200001 CX200001 CX200001 CX200004 CX20004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX200004 CX20004 CX	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXS to SIP (Station Rec) Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500)	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51,512.00 5450.00 51,350.00 5195.00 51,085.00 51,085.00 561.00 Unit Price \$13,000.00 598.00 Unit Price \$110.00	U/M EA EA EA EA EA EA EA U/M EA EA U/M	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$5,750.00 \$1,138.00 \$1,138.00 \$1,138.00 \$1,100 \$2,170.00 \$1,100 \$26,242.00 Ext. Price \$78,000.00 \$2,352.00 \$80,352.00 Ext. Price \$2,640.00 Ext. Price	Otten Price 57,711.20 53,825.00 55,737.50 5963.90 5922.25 51,844.50 551.85 \$22,815.70 OFFER Price 50.00 50.00 \$0.00 OFFER Price \$2,640.00 \$72,640.00 OFFER Price
55 50 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Part Number ECX100101 ECX100101 ECX10001-NS ECX100201 ECX100204 ECX100305-1 ECX100311 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Humber ECX500002-PR ECX500003	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W ¹ FP, BLK AUDIO INTERFACE UNITY (ATU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FVS to SIP (Station Rec) Media Gateway, 8 Port FVS to SIP (Station Rec) Media Gateway, 8 Port FVS to SIP (Admin/Rinadown), Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) POS, BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 3/10/100	Pos. Count 6 Yrs. Spt. 9.33 Unit Price \$1,512,00 \$450,00 \$1350,00 \$1480,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,000 Unit Price \$13,000,00 \$18,000 Unit Price \$13,000,00 \$10,0	U/M EA EA EA EA EA EA EA EA U/M U/M U/M EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$5,750.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,170.00 \$51.00 \$2,252.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$2,640.00 \$57,000.00 \$57,000.00 \$57,000.00 \$57,000.00 \$57,000.00 \$57,000.00 \$57,000.00 \$57,000.00 \$57,000.00	Ottound Text no Offer Price \$7,711.20 \$3,825.00 \$5,737.50 \$1,759.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 Offer Price \$0,00 \$0,00 \$0,00 Offer Price \$2,640.00 \$7,640.00 Offer Price \$55.50 \$4,887.50
55005555512211	Part Number ECX100101 ECX100001-NS ECX100201 ECX100204 ECX100305-1 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500002-PR ECX5000017	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port PXS to SIP (Station Rec) Media Gateway, 8 Port PXO to SIP (Admin/Rinadown), Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. I Staging and Configuration Services (400) CONFIG/STAGING, Per Hour lices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 3/10/100 MISC. MAT., CABLES, RNTE., LOT IP to Serial Dist., 16 port	Pos. Count 6 Yrs. Spt. 9.33 Unit Price 51,512,00 \$450,00 \$1350,00 \$1380,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,000 Unit Price \$13,000,00 \$98,00 Unit Price \$13,000,00 \$98,00	U/M EA EA EA EA EA EA EA U/M EA EA U/M EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$2,070.00 \$1,134,00 \$1,085,00 \$2,170.00 \$51,00 \$2,270.00 \$2,270.00 \$2,270.00 \$2,252.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,750.00 \$3,570.00 \$5,750.00 \$7,750.00 \$7,750.00 \$3,750.00 \$3,500.00	Orter Price 57,711,20 53,825,00 51,759,50 51,759,50 5963,90 52,815,70 OFFER Price \$0,00 \$0,00 OFFER Price \$2,640,00 \$2,640,00 OFFER Price \$3,640,00 \$2,640,00 \$2,640,00 \$2,640,00 \$2,640,00 \$3,000 \$3,000 \$3,000 \$4,887,50 \$663,00 \$2,975,00 \$2,975,00 \$2,975,00
55005555512211	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100204 ECX100230-1 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500007-R	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22WF PP, BLK AUDIO INTERPACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port PS/5 to SIP (Station Rec) Media Gateway, 8 Port PS/0 to SIP (Admin/Ringdown), Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT – 4 Port SWITCH, 24-PORT POE, ½/10/100 MISC. MAT., CABLES, RNTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51.512.00 5450.00 51.350.00 51.085.00 51.085.00 51.095.00 Unit Price 513,000.00 598.00 Unit Price 5110.00 Unit Price 5350.00 52,875.00 5780.00	U/M EA EA EA EA EA EA U/M U/M U/M EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$4,500.00 \$5,750.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,170.00 \$51,134.00 \$2,170.00 \$51,000 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 Ext. Price \$7,000.00 \$5,750.00 \$5,750.00 \$5,750.00 \$5,750.00	Orten Price 57,711,20 53,825,00 53,825,00 51,759,50 5903,90 52,815,70 OFFER Price \$0,00 \$0,00 OFFER Price \$2,640,00 OFFER Price \$3,640,00 \$2,640,00 \$4,887,50 \$663,00 \$2,975,00 \$1,521,50
55005555512211	Part Number ECX100101 ECX10001-NS ECX100201 ECX100204 ECX100305-1 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX00002-PR ECX500002-PR ECX500002-PR ECX5000017 ECX50015	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22WF PP, BLK AUDIO INTERPACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port PS/5 to SIP (Station Rec) Media Gateway, 8 Port PS/0 to SIP (Admin/Ringdown), Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT – 4 Port SWITCH, 24-PORT POE, ½/10/100 MISC. MAT., CABLES, RNTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	Pos. Count 6 Yrs. Spt. 9.33 Unit Price 51,512,00 \$450,00 \$1350,00 \$1380,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,085,00 \$1,000 Unit Price \$13,000,00 \$98,00 Unit Price \$13,000,00 \$98,00	U/M EA EA EA EA EA EA EA U/M EA EA U/M EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh &: Ext. Price \$9,072.00 \$4,500.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,170.00 \$2,170.00 \$2,270.00 \$2,270.00 \$2,270.00 \$2,270.00 \$2,270.00 \$2,270.00 \$2,270.00 \$2,352.00 Ext. Price \$2,640.00 Ext. Price \$700.00 \$5,750.00 \$780.00 \$3,750.00 \$1,790.00 \$1,790.00	Outbound Text no OFFER Price 57.711.20 53.825.00 55.727.50 51.759.50 5963.90 5922.25 51.844.50 50.00 50.00 COFFER Price 52.640.00 COFFER Price 52.640.00 S2.640.00 S4.887.50 5663.00 52.975.00 S4.987.50 S663.00 S2.975.00 S
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100205-1 ECX100316 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX200002 ECX200000-R ECX30000-R ECX50000-R ECX50000-R ECX500007 ECX500007 Part Number ECX50015 Peripherals / Netw. Part Number ECX700001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONTOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNTE., LOT IP to Serial Dist., 16 ports - 1U 15A 100/120V (NEMA 5-15) TORK Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51,512.00 5450.00 51,350.00 5189.00 51,085.00 51,085.00 51,085.00 581,000 Unit Price 513,000.00 588.00 Unit Price 530.00 53,500.00 53,500.00 5895.00 Unit Price 5990.00	U/M EA EA EA EA EA EA EA EA EA U/M EA EA EA U/M EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & \$9,072.00 \$4,500.00 \$5,750.00 \$1,385.00 \$2,170.00 \$1,134.00 \$1,085.00 \$2,170.00 \$1,085.00 \$2,170.00 \$2,372.00 \$2,372.00 \$2,372.00 \$2,372.00 \$2,372.00 \$2,640.00 \$2,640.00 \$2,640.00 \$2,640.00 \$2,640.00 \$2,750.00 \$7,750.00 \$7,750.00 \$3,500.00 \$1,790.00 \$1,880.00 \$1,880.00	Outbound Text no Offer Price \$7,711.20 \$3,825.00 \$5,737.50 \$1,739.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 Offer Price \$0.00 Offer Price \$50.00 Offer Price \$54,640.00 \$4,887.50 \$663.00 \$2,975.00 \$1,521.50 Offer Price \$510,642.00 Offer Price \$511,286.00
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100101 ECX100101 ECX100001-NS ECX100204 ECX100204 ECX100205 ECX100216 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Humber ECX500002-PR ECX500007-R ECX500017 ECX500105 Peripherals / Netw Part Number ECX700001 ECX700002 ECX800001	Telecom / Position / Host Hardware (100) WKS PC, Dual Videe, 8db RAM MONTOR, 22W* FP, BLK AUDIO INTERRACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXS to SIP (Station Rec) Media Gateway, 8 Port FXS to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour iose Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 3/10/100 MISC. MAT. CABLES, RNITE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) rork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51.512.00 5450.00 53450.00 53450.00 51.085.00 51.085.00 51.085.00 51.005 Unit Price 513.000.00 538.00 Unit Price 5350.00 52,875.00 53,500.00 5895.00	U/M EA EA EA EA EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & \$9,072.00 \$9,072.00 \$4,500.00 \$4,500.00 \$2,070.00 \$1,134.00 \$1,134.00 \$1,134.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,5342.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 \$2,640.00 \$2,640.00 \$2,750.00 \$3,500.00 \$3,500.00 \$3,500.00 \$1,790.00 \$1	Ottound Text no OFFER Price \$7,711.20 \$3,825.00 \$5,737.50 \$1,739.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 OFFER Price \$0.00 OFFER Price \$2,640.00 \$4,887.50 \$4,887.50 \$1,521.50 \$10,642.00 OFFER Price \$11,286.00 \$8,485.25 \$3,080.26
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100101 ECX100101 ECX100001-N5 ECX100201 ECX100204 ECX100305-1 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Serv Part Number ECX500002-PR ECX500002-PR ECX5000017 ECX500001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONTOR, 22W* FP, BUK AUDIO INTERRACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXO to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) POS, BASED REC KIT 4 Port SWITCH, 24 Port SWITCH, 24 PORT POSE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Vork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	Pos. Count 6 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$1,985.00 \$1,085.00 \$1,085.00 \$1,085.00 \$11,005.00 Unit Price \$110.00 Unit Price \$350.00 \$2,875.00 \$3,500.00 \$895.00 Unit Price \$350.00 \$3,500.00 \$3,500.00 \$3,500.00 \$8,931.84	U/M EA EA EA EA EA EA U/M U/M U/M EA EA EA EA EA EA EA EA U/M U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$5,750.00 \$1,134.00 \$1,085.00 \$2,170.00 \$1,134.00 \$1,085.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$3,170.00 \$3,170.00 \$3,170.00 \$1,790.00	Ottound Text no Offer Price \$7,711.20 \$3,825.00 \$5,737.50 \$1,759.50 \$1,759.50 \$5,737.50 \$1,759.50 \$5,23,152.70 Offer Price \$0,00 \$0,00 Offer Price \$2,640.00 \$4,887.50 \$1,521.50 \$10,642.00 Offer Price \$3,000 \$2,975.00 Offer Price \$3,000 \$2,975.00 \$4,885.25 \$3,000.26 \$22,851.51
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100101 ECX100101 ECX100001-NS ECX100201 ECX100204 ECX100305-1 ECX100316 ECX100316 ECX100316 ECX100316 ECX100316 ECX100316 ECX100316 ECX100316 ECX100012 ECX100012 ECX100017 ECX100017 ECX100017 ECX100017 ECX1000017 ECX100001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W* FP, BUK AUDIO INTERRACE UNIT (AIU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FXO to SIP (Station Rec) Media Gateway, 8 Port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ICONFIG/STAGING, Per Hour SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) FORK SUB-TOTAL System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ces Sub-Total Ces.	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51,512.00 5450.00 51,350.00 51,85.00 51,85.00 51,085.00 51,085.00 51,005.00 Unit Price 5310,000.00 52,875.00 52,875.00 53,500.00 5895.00 Unit Price 5350.00 53,500.00 5895.00	U/M EA EA EA EA EA EA U/M EA EA EA EA EA U/M UN	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$5,750.00 \$1,134.00 \$1,085.00 \$2,170.00 \$1,134.00 \$1,085.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$2,170.00 \$3,170.00 \$3,170.00 \$1,170.00	Ottound Text no Offer Price \$7,711.20 \$3,825.00 \$5,737,50 \$1,795.50 \$1,795.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 Offer Price \$2,640.00 Offer Price \$595.00 \$4,887.50 \$2,975.00 Offer Price \$11,286.00 \$8,485.25 \$3,000.26 \$22,8351.51 \$58,949.21
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100101 ECX100101 ECX100101 ECX100201 ECX100201 ECX100201 ECX100315 ECX100316 ECX100316 ECX100316 ECX100316 ECX100316 ECX20001 ECX20001 ECX20001 Part Number ECX200002 ECX200001 ECX300002 ECX300007 Part Number ECX500002 ECX500007 Part Number ECX500007 ECX500007 Part Number ECX500001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 TOTAL NR Chart Part Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AU) VOIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNTE., LOT IP to Sarial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) LOOK Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot DES Sub-Total GES: Recurring Maintenance Charges (900)	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51,512.00 5450.00 51,350.00 5189.00 51,085.00 51,085.00 51,085.00 581,000.00 581,000.00 581,000.00 581,000.00 588.00 Unit Price 5110.00 Unit Price 530.00 53,500.00 53,500.00 5895.00 Unit Price 5990.00 58,931.84 53,242.38	U/M EA EA EA EA EA EA EA EA U/M EA EA U/M UN U/M EA EA EA U/M UN U/M	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$5,750.00 \$1,138.50 \$1,134.00 \$1,138.50 \$2,170.00 \$1,138.50 \$2,170.00 \$2,372.00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 Ext. Price \$3,552.00 \$1,750.00 \$3,550.00 \$1,790.00	Outbound Text no Offer Price \$7,711.20 \$3,825.00 \$5,737.50 \$1,739.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 Offer Price \$0.00 Offer Price \$50.00 Offer Price \$54,640.00 \$4,887.50 \$663.00 \$1,521.50 S10,642.00 Offer Price \$11,286.00 \$8,485.25 \$3,080.26 \$22,851.51 S58,949.21 Offer Price
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Part Number ECX100101 ECX100101 ECX100103 ECX1000201 ECX1000201 ECX1000204 ECX100305-1 ECX100316 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500003-PR ECX500007-R ECX500017 ECX500017 ECX500017 ECX500017 ECX700001 ECX700001 ECX700001 Porfessional Servic TOTAL NR Charc Part Number ECX900000 ECX9000004	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8pb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FVS to SIP (Station Rec) Media Gateway, 8 Port FVS to SIP (Station Rec) Media Gateway, 8 Port FVS to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour iose Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 MISC. MATL. CABLES, RNTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) sork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR	Pos. Count 6 Yrs. Spt. 3.33 Unit Price 51.512.00 5450.00 51.850.00 51.895.00 51.085.00 51.085.00 51.005.00 51.005.00 53.000.00 538.00 Unit Price 513.000.00 538.780.00 53.500.00	U/M EA EA EA EA EA EA U/M UN U/M EA EA EA U/M UN U/M EA EA EA U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,972.00 \$4,500.00 \$4,500.00 \$2,070.00 \$1,134.00 \$1,085.00 \$2,177.00 \$61,00 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 Ext. Price \$78,000.00 \$3,552.00 Ext. Price \$1,1860.00 \$1,790.00 \$1	Ottound Text no S7,711,20 S3,825,00 S3,737,50 S1,739,50 S1,739,50 S982,25 S1,844,50 S51,85 \$22,815,70 OFFER Price \$0,00 \$0,00 OFFER Price \$2,640,00 S2,946,00 S4,887,50 S1,521,50 S10,642,00 OFFER Price \$11,266,00 S8,485,25 S3,080,26 \$22,851,51 S58,949,21 OFFER Price \$0,000 S35,954,00
)ty	Part Number ECX100101 ECX100101 ECX100101 ECX100001-NS ECX100201 ECX100201 ECX100201 ECX100201 ECX100216 Hardware Sub-Tota Part Number ECX200001 ECX200001 ECX200002 Part Number ECX400004 Configuration Servi Part Number ECX500002-PR ECX500002-PR ECX5000017 ECX500017 ECX500017 ECX500017 ECX700001 ECX700001 ECX700001 ECX700001 COTAL NR Chark Part Number ECX700001 ECX70001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX70001	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONTOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Media Gateway, 8 Port FVS to SIP (Station Rec) Media Gateway, 8 Port FVS to SIP (Station Rec) Media Gateway, 8 Port FVS to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf all Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioses Sub-Total Network and Misc. Hardware and Equipment (500) POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE, 1/10/100 MISC. MATL. CABLES, RNTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Tork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot DES Sub-Total OCES: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	Pos. Count 6 Yrs. Spt 3.33 Unit Price 51.512.00 5450.00 51.350.00 51.95.00 51.085.00 51.085.00 51.085.00 51.00 Unit Price 513,000.00 598.00 Unit Price 5350.00 52,875.00 5780.00 5895.00 Unit Price 5350.00 52,875.00 53,500.00 5895.00 Unit Price 548,211.20	U/M EA EA EA EA EA EA U/M EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	Site Name: Troy PD Solution being Delivered: Hardware Refresh & Ext. Price \$9,072.00 \$4,500.00 \$5,750.00 \$1,134.00 \$1,085.00 \$2,170.00 \$51,170.00 \$51,000 Ext. Price \$78,000.00 \$2,352.00 Ext. Price \$2,640.00 Ext. Price \$78,000.00 \$1,750.00 \$2,750.00 \$2,750.00 \$2,750.00 \$3,750.00	Outbound Text no OFFER Price \$7,711.20 \$3,825.00 \$5,737,50 \$1,759.50 \$1,759.50 \$963.90 \$922.25 \$1,844.50 \$51.85 \$22,815.70 OFFER Price \$2,640.00 OFFER Price \$2,640.00 \$4,887,50 \$1,521.50 \$1,521.50 \$10,642.00 OFFER Price \$3,080.26 \$2,975.00 \$8,485.25 \$3,080.26 \$22,8351.51 \$58,949.21 OFFER Price \$0,000

			Pos. Count 5 Yrs. Spt. 3.67		Site Name: Waterford Twp PD Solution being Delivered: Hardware Refresh &	Outbound Text no
Qty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
5 10	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK	\$1,512.00 \$450.00	EA EA	\$7,560.00 \$4,500.00	\$6,426.00 \$3,825.00
5	ECX100001-NS ECX100201	AUDIO INTERFACE UNIT (AIU) VoIP Phone	\$1,350.00 \$345.00	EA EA	\$6,750.00 \$1,725.00	\$5,737.50 \$1,466.25
1	ECX100305-1	Media Gateway, 8 Port FXS to SIP (Station Rec)	\$1,085.00	EA	\$1,085.00	\$922,25
1	ECX100311 ECX100316	Media Gateway, 8 port FXO to SIP (Admin/Ringdown) Rack Shelf, Media Gateway (FXO), 2U, 2 GW per Shelf	\$1,085.00 \$61.00	EA EA	\$2,170.00 \$61.00	\$1,844.50 \$51.85
	Hardware Sub-Tot	al			\$23,851.00	\$20,273.35
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
5 20	ECX200001 ECX200022	CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$13,000.00 \$98.00	EA EA	\$65,000.00 \$1,960.00	\$0.00 \$0.00
	Software Sub-Tota	·			\$66,960.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
20	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$2,200.00	\$2,200.00
	Configuration Serv	rices Sub-Total			\$2,200.00	\$2,200.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Price
2 2	ECX500002-PR ECX500003	POS. BASED REC KIT - 4 Port SWITCH, 24-PORT POE. 1/10/100	\$350.00 \$2,875.00	EA EA	\$700.00 \$5,750.00	\$595.00 \$4,887.50
1 2	ECX500017 ECX500105	IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$3,500.00 \$895.00	EA EA	\$3,500.00 \$1,790.00	\$2,975.00 \$1,521.50
	Peripherals / Netw			2000	\$11,740.00	\$9,979.00
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Price
10	ECX700001	PROJECT MANAGEMENT, UNIT	\$990.00	EA	\$9,900.00	\$9,405.00
1	ECX700002 ECX800001	SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	\$7,646.82 \$2,775.90	UN	\$7,646.82 \$2,775.90	\$7,264.48 \$2,637.11
	Professional Service	oes Sub-Total			\$24,014.56	\$19,306.59
	TOTAL NR Char	des:			\$128, <mark>7</mark> 65.56	\$51,758.94
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Price
0.92	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$40,176.00	EA	\$36,961.92	\$0.00
3.67	ECX900004 ECX900005	ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	\$9,000.00 \$889.78	EA EA	\$33,030.00 \$2,669.33	\$33,030.00 \$2,669.33
	Sub-Total Recurrin	ng Charges:			\$72,661.25	\$35,699.33
****	TOTAL COST OF	OWNERSHIP:	3.67	YEAR(s)	\$201,426.81	\$87,458.27
0			Pos. Count 5 Yrs. Spt. 3.67		Site Name: West Bloomfield PD Solution being Delivered: Hardware Refresh &	Outbound Text no
Oty	Part Number	Telecom / Position / Host Hardware (100)	5 Yrs. Spt. 3.67 Unit Price	U/M	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price	OFFER Price
5 10	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W* FP, BLK	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00	EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00	OFFER Price \$6,426.00 \$3,825.00
5 10 5 6	ECX100101 ECX100103 ECX100001-NS ECX100201	WKS PC, Dual Video, 8db RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00	EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$6,750.00 \$2,070.00	56,426.00 \$3,825.00 \$5,737.50 \$1,759.50
5 10 5	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204	WKS PC, Dual Video, 8gb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00	EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$6,750.00	OFFER Price \$6,426.00 \$3,825.00 \$5,737.50
5 10 5 6	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Voll Phone Keypad, Genovation 24 Keypad DTP	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00	EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7.560.00 \$4,500.00 \$6,750.00 \$2,070.00 \$345.00 \$21,825.00	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$1,759.50 \$803.25 \$18,551.25
5 10 5 6 5	ECX100101 ECX100103 ECX100001-NS ECX1000201 ECX100204 Hardware Sub-Tota Part Number	WKS PC, Dual Video, 8gb RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200)	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2,45.00 \$189.00	EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560,00 \$4,500,00 \$6,750,00 \$20,070,00 \$945,00 \$21,925,00 Ext. Price	96,426.00 \$3,825.00 \$3,825.00 \$5,737.50 \$1,759.50 \$803.25 \$18,551.25
5 10 5 6	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota	WKS PC, Dual Video, 8qb RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Voll Phone Keypad, Genovation 24 Keypad DTP	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00	EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7.560.00 \$4,500.00 \$6,750.00 \$2,070.00 \$345.00 \$21,825.00	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$1,759.50 \$803.25 \$18,551.25
5 10 5 6 5	ECX100101 ECX100103 ECX100001-NS ECX100201-NS ECX100204 Hardware Sub-Tota Part Number ECX200001	WKS PC, Dual Video, 8db RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR.	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$189.00	EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$6,750.00 \$2,070.00 \$945.00 \$21,825.00 Ext. Price \$65,000.00	56.426.00 53.825.00 55.737.50 55.737.50 \$803.25 \$11,759.50 \$803.25 \$18,551.25 OFFER Price
5 10 5 6 5	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Totz Part Number ECX200001 ECX200022	WKS PC, Dual Video, 8db RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR.	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$189.00	EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$6,750.00 \$2,070.00 \$945.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00	95.426.00 \$3.625.00 \$3.737.30 \$5,737.59 \$803.25 \$13,759.50 \$603.25 \$18,551.25 OFFER Price \$0.00 \$0.00
5 10 5 6 5	ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Tota	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,550.00 \$1,350.00 \$1345.00 \$189.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$345.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00 \$66,950.00	95,426.00 \$3,825.00 \$3,825.00 \$5,737.50 \$1,759.50 \$803.25 \$18,551.25 OFFER Price \$0.00 \$0.00
5 10 5 6 5 5	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Total Part Number	WKS PC, Dual Video, 8gb RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	5 Vrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$345.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00 \$46,960.00 Ext. Price	95,426,00 \$3,825,00 \$5,737,50 \$5,737,50 \$1,759,50 \$803,25 \$18,551,25 OFFER Price \$0.00 \$0.00 \$0.00
5 10 5 6 5 5	ECX100101 ECX100103 ECX10001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004	WKS PC, Dual Video, 8gb RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	5 Vrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$345.00 \$189.00 Unit Price \$13,000.00 \$98.00	EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$6,750.00 \$2,070.00 \$945.00 \$21,925.00 Ext. Price \$65,000.00 \$1,960.00 \$4,960.00 Ext. Price \$2,200.00	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$5,737.50 \$03.25 \$13,551.25 OFFER Price \$0.00 \$0.00 OFFER Price \$2,200.00
5 10 5 6 5 5 5 20	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100204 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$13,000.00 \$98.00 Unit Price \$11,000 Unit Price \$2,875.00	EA EA EA EA EA U/M EA EA U/M UN	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$345.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00	\$6,426.00 \$3,825.00 \$5,727.50 \$5,727.50 \$11,759.50 \$803.25 \$18,551.25 OFFER Price \$0.00 \$0.00 OFFER Price \$2,200.00 \$2,200.00 OFFER Price \$4,887.50
5 10 5 6 5 5	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Servi	WKS PC, Dual Video, 8gb RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500)	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00 \$1350.00 \$1380.00 \$1380.00 Unit Price \$110.00 Unit Price	EA EA EA EA EA EA U/M UN	West Bloomfield PD Solution being Delivered: Hardware Refresh & Fact. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$945.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price	95,426,00 \$3,825,00 \$3,825,00 \$5,737,50 \$1,759,50 \$10,759,50 \$18,551,25 OFFER Price \$0,00 \$0,00 \$0,00 \$1,00 \$2,200,00 \$2,200,00 OFFER Price
5 10 5 6 5 5 5 20	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100201 ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007 ECX500007 ECX500007 ECX500007	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour sices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3450.00 \$1350.00 \$345.00 \$13,000.00 \$598.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$3,500.00	EA EA EA EA U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$6,750.00 \$345.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00 \$66,960.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$21,825.00 Ext. Price \$3,200.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$503.25 \$11,759.50 \$0.02 \$0.00 \$0.00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,275.00
5 10 5 6 5 5 5 20	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100204 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007 ECX500007-R ECX5000017 ECX500105	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour sices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3450.00 \$1350.00 \$345.00 \$13,000.00 \$598.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$3,500.00	EA EA EA EA U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$5,750.00 \$21,070.00 \$345.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 \$2,200.00 \$3,500.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$5,737.50 \$5,737.50 \$5,737.50 \$0,00 \$0,00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,297.50 \$1,521.50
5 10 5 6 5 5 5 20 20 20 20	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX1000201 ECX100204 Hardware Sub-Tota Part Number ECX200001 ECX200002 Software Sub-Tota Part Number ECX400004 Configuration Servi Part Number ECX500007 ECX500007 Part Number ECX5000015 Peripherals / Netw	WKS PC, Dual Video, 8gb RAM MONITOR, 22W PP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) rork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2450.00 \$1350.00 \$245.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$7504.77	EA EA EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Hardware Refresh & Fxt. Price \$7,560.00 \$4,500.00 \$4,500.00 \$5,750.00 \$2,070.00 \$945.00 \$21,825.00 Ext. Price \$65,960.00 Ext. Price \$2,200.00 Ext. Price \$52,200.00 \$2,200.00 Ext. Price \$1,750.00	0FFER Price \$6,426.00 \$3,825.00 \$5,377.50 \$1,759.50 \$803.25 \$18,551.25 OFFER Price \$0.00 \$0.00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,975.00 \$1,521.50 \$10,047.00 OFFER Price
5 10 5 6 5 5 20 20	ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100204 Hardware Sub-Tota Part Number ECX200001 ECX400004 Configuration Servi Part Number ECX500007-R ECX500007-R ECX500015 Peripherals / Netwo	WKS PC, Dual Video, 8db RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) Fork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,530.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$59.00 Unit Price \$11,000 Unit Price \$2,875.00 \$780.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$990.00	EA EA EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Hardware Refresh & Fact. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$945.00 \$21,825.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$2,200.00 Ext. Price \$1,900.00	0FFER Price \$6,426,00 \$3,825,00 \$5,737,50 \$1,759,50 \$803,25 \$18,551,25 OFFER Price \$0,00 \$0,00 OFFER Price \$2,200,00 OFFER Price \$4,887,50 \$563,00 \$2,975,00 \$1,521,50 \$10,047,00 OFFER Price \$9,405,00 \$7,129,53 \$2,588,12
5 10 5 6 5 5 5 20 20 20 20	ECX100101 ECX100101 ECX100101 ECX10001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007-R ECX500007-R ECX500017 ECX50015 Peripherals / Netw Part Number ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001	WKS PC, Dual Video, 8db RAM MONITOR, 22W' FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE. 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount. Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) Nork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$2450.00 \$1350.00 \$245.00 \$189.00 Unit Price \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$780.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$7504.77	EA EA EA EA EA U/M UN U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$2,070.00 \$345.00 Ext. Price \$65,750.00 \$1,360.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$780.00 \$1,790.00 \$1,790.00 \$1,790.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$7,504.77 \$2,724.33 \$22,725.88	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$5,737.50 \$1,759.50 \$803.25 \$18,551.25 OFFER Price \$0.00 \$0.00 OFFER Price \$2,200.00 \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,975.00 \$1,521.50 \$10,047.00 OFFER Price \$9,405.00 \$7,129.53 \$2,588.12 \$19,122.64
5 10 5 6 5 5 5 20 20 20 20	ECX100101 ECX100101 ECX100101 ECX100101 ECX10001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007. ECX500007. ECX500001 ECX500001 ECX700001	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNTE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) sork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot SES Sub-Total CES Sub-Total CES Sub-Total CES Sub-Total	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,530.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$590.00 Unit Price \$11,000 Unit Price \$2,875.00 \$780.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$780.00 \$7,504.77 \$2,724.33	EA EA EA EA U/M UN EA EA UN UN UN	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,770.00 \$2,270.00 \$345.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price \$1,750.00 \$780.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,50	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$5,737.50 \$1,759.50 \$503.25 \$18,551.25 OFFER Price \$0,00 \$0,00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,297.00 \$1,521.50 \$10,047.00 OFFER Price \$9,405.00 \$7,129.53 \$2,588.12 \$19,122.64
5 10 5 6 6 5 5 5 20 20 20 10 1 1 1	ECX100101 ECX100103 ECX100103 ECX100001-NS ECX100204 ECX100204 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007-R ECX500007-R ECX5000017 ECX500105 Peripherals / Netw Part Number ECX700001 ECX700002 ECX700001 ECX700001 ECX700002 ECX500001 Professional Servic TOTAL NR Chart	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNTE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) rork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot DOES: Recurring Maintenance Charges (900)	Vis. Spt. 3.67 Vis. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1350.00 \$13,000.00 \$13,000.00 \$98.00 Unit Price \$2,875.00 \$780.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$990.00 \$7,504.77 \$2,724.33	EA EA EA EA EA EA EA EA EA EA EA EA EA E	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$6,750.00 \$2,070.00 \$345.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$5,750.00 \$780.00 \$1,960.00 Ext. Price \$5,750.00 \$780.00 \$1,790.00 Ext. Price \$5,750.00 \$780.00 \$780.00 \$780.00 \$1,790.00 Ext. Price \$5,750.00 \$7,504.77 \$7,724.33 \$23,750.88 \$126,555.88 Ext. Price	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$503.25 \$11,759.50 \$0.00 \$0.00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$653.00 \$1,521.50 \$1,047.00 OFFER Price \$9,405.00 \$7,129.53 \$1,538.12 \$19,122.64 \$49,920.89 OFFER Price
5 10 5 6 5 5 5 20 20 20 20	ECX100101 ECX100101 ECX100101 ECX100101 ECX10001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007. ECX500007. ECX500001 ECX500001 ECX700001	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNTE, LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) sork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot SES Sub-Total CES Sub-Total CES Sub-Total CES Sub-Total	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,530.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,300.00 \$590.00 Unit Price \$11,000 Unit Price \$2,875.00 \$780.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$2,875.00 \$780.00 \$7,504.77 \$2,724.33	EA EA EA EA U/M UN EA EA UN UN UN	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,770.00 \$2,270.00 \$345.00 Ext. Price \$65,000.00 \$1,960.00 Ext. Price \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price \$1,750.00 \$780.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$1,790.00 \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price \$2,200.00 \$2,200.00 \$2,200.00 \$2,200.00 \$3,50	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$5,737.50 \$1,759.50 \$503.25 \$18,551.25 OFFER Price \$0,00 \$0,00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,297.00 \$1,521.50 \$10,047.00 OFFER Price \$9,405.00 \$7,129.53 \$2,588.12 \$19,122.64
5 10 5 6 5 5 20 20 20 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100101 ECX100101 ECX100101 ECX10001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500007-R ECX500007-R ECX500001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700002 ECX800001	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP IS Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ioes Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RNTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount. Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) sork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR	5 Yrs. Spt. 3,67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$13,50.00 \$13,000.00 \$13,000.00 \$13,000.00 \$13,000.00 \$13,000.00 \$10,000 Unit Price \$110,000 Unit Price \$2,875.00 \$3,500.00 \$3,500.00 \$895.00 Unit Price \$990.00 \$7,504.77 \$2,724.33	EA EA EA EA EA EA EA EA EA EA EA EA EA E	West Bloomfield PD Solution being Delivered: Hardware Refresh & Fact. Price \$7,560.00 \$4,500.00 \$4,500.00 \$2,070.00 \$94,500.00 \$945,000 \$2,070.00 \$945,000 \$21,825,00 Ext. Price \$66,960.00 Ext. Price \$2,200.00 \$2,200.00 Ext. Price \$5,750.00 \$780.00 \$3,500.00 \$11,790.00	0FFER Price \$6,426,00 \$3,825,00 \$5,737,50 \$1,759,50 \$803,25 \$18,551,25 OFFER Price \$0,00 \$0,00 \$0,00 OFFER Price \$2,200,00 OFFER Price \$4,887,50 \$563,00 \$2,975,00 \$1,521,50 \$10,047,00 OFFER Price \$9,405,00 \$7,129,53 \$2,588,12 \$19,122,54 \$549,920,89 OFFER Price \$0,00
5 10 5 6 6 5 5 5 20 20 20 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100103 ECX100103 ECX10001-NS ECX100201 ECX100201 ECX100201 ECX100201 Part Number ECX200001 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Servi Part Number ECX500003 ECX500007-R ECX500001 Port Number ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX500001	WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volip Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ices Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) rork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot ses Sub-Total res: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5)	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3450.00 \$13,350.00 \$345.00 \$13,000.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$7,504.77 \$2,724.33 Unit Price \$40,176.00 \$9,000.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560,00 \$4,500,00 \$4,500,00 \$5,750,00 \$2,070,00 \$945,00 \$21,925,00 Ext. Price \$65,000,00 \$1,960,00 Ext. Price \$2,200,00 Ext. Price \$2,200,00 \$21,225,00 Ext. Price \$2,200,00 Ext. Price \$5,750,00 \$7,800,00 \$1,790,00 \$11,820,00 Ext. Price \$3,900,00 \$1,790,00 \$11,820,00 Ext. Price \$3,900,00 \$7,504,77 \$7,724,33 \$22,725,83 \$126,555,88 Ext. Price \$33,030,00	0FFER Price \$6,426.00 \$3,825.00 \$5,737.50 \$51,759.50 \$030.25 \$11,759.50 \$0.00 \$0.00 OFFER Price \$2,200.00 OFFER Price \$4,887.50 \$663.00 \$2,275.00 \$1,521.50 \$10,047.00 OFFER Price \$3,405.00 \$7,129.53 \$2,588.12 \$19,122.64 \$49,920.89 OFFER Price
5 10 5 6 6 5 5 5 20 20 20 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECX100101 ECX100103 ECX100103 ECX10001-NS ECX100204 ECX100204 ECX100204 Part Number ECX200001 ECX200001 ECX200002 Software Sub-Total Part Number ECX400004 Configuration Servic Part Number ECX500003 ECX500007-R ECX500017 ECX500105 Peripherals / Network Part Number ECX500105 Peripherals / Network Part Number ECX500105 Peripherals / Network Part Number ECX500001 ECX500001 ECX500001 ECX500001 ECX500001 ECX500001 ECX500001 ECX5000001 ECX5000001 ECX5000001 ECX5000001 ECX5000000 ECX5000001	WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BUK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP al Software Components (200) CALLSTATION License VIRUS PROTECTION, WKS. – per Pos. / per YEAR. Staging and Configuration Services (400) CONFIG/STAGING, Per Hour iose Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/01/100 MISC. MATL. CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 1SA 100/120V (NEMA 5-15) sork Sub-Total System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, Lot DES: Recurring Maintenance Charges (900) SYSTEM SUPPORT, 4 YEAR ONSITE MAINTENANCE, per YEAR EXTENDED WARRANTY, per YEAR (2-5) III Charges:	5 Yrs. Spt. 3.67 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3450.00 \$13,350.00 \$345.00 \$13,000.00 \$13,000.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$7,504.77 \$2,724.33 Unit Price \$40,176.00 \$9,000.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	West Bloomfield PD Solution being Delivered: Hardware Refresh & Ext. Price \$7,560,00 \$4,500,00 \$4,500,00 \$5,750,00 \$2,070,00 \$2,070,00 \$2,070,00 \$945,00 \$21,925,00 Ext. Price \$65,000,00 \$1,960,00 \$1,960,00 \$2,200,00 Ext. Price \$2,200,00 \$2,200,00 \$2,200,00 \$2,200,00 \$3,500,00 \$1,790,00 \$11,920,00 Ext. Price \$9,900,00 \$7,504,77 \$2,724,33 \$23,750,88 \$126,555.88 Ext. Price \$36,961,92 \$33,030,00 \$2,523,38	0FFER Price \$6,426,00 \$3,825,00 \$5,737,50 \$1,759,50 \$1,759,50 \$0,00 \$0,00 OFFER Price \$2,200,00 OFFER Price \$4,887,50 \$63,00 \$2,975,00 \$1,521,50 \$10,047,00 OFFER Price \$9,405,00 OFFER Price \$10,047,00 OFFER Price \$10,047,00 OFFER Price \$1,521,50 \$10,047,00 OFFER Price \$1,521,50 \$1,

			Pos. Count 2 Yrs. Spt. 3.33		Site Name: White Lake Twp. PD Solution being Delivered: Hardware Refresh &	Outbound Text
)ty	Part Number	Telecom / Position / Host Hardware (100)	Unit Price	U/M	Ext. Price	OFFER Price
4	ECX100101 ECX100103	WKS PC, Dual Video, 8qb RAM MONITOR, 22W* FP, BLK	\$1,512.00 \$450.00	EA EA	\$3,024.00 \$1,800.00	\$2,570,40 \$1,530,00
2	ECX100001-NS ECX100201	AUDIO INTERFACE UNIT (AIU) VoIP Phone	\$1,350.00 \$345.00	EA EA	\$2,700.00 \$690.00	\$2,295,00 \$586,50
2	ECX100204	Keypad, Genovation 24 Keypad DTP	\$189.00	EA	\$378.00	\$321,30
	Hardware Sub-Total	<u> </u>			\$8,592.00	\$7,303.20
	Part Number	Software Components (200)	Unit Price	U/M	Ext. Price	OFFER Price
2	ECX200001	CALLSTATION License	\$13,000.00	EA	\$26,000.00	\$0.00
8	ECX200022	VIRUS PROTECTION, WKS. – per Pos. / per YEAR	\$98,00	EA	\$784.00	\$0,00
	Software Sub-Total		I HI MAN HI MAN MAN MAN MAN MAN MAN MAN MAN MAN MAN		\$26,784.00	\$0.00
	Part Number	Staging and Configuration Services (400)	Unit Price	U/M	Ext. Price	OFFER Price
8	ECX400004	CONFIG/STAGING, Per Hour	\$110.00	UN	\$880,00	\$880.00
	Configuration Service	es Sub-Total			\$880.00	\$880.00
	Part Number	Network and Misc. Hardware and Equipment (500)	Unit Price	U/M	Ext. Price	OFFER Prior
2	ECX500003	SWITCH, 24-PORT POE, 1/10/100	\$2,875.00	EA	\$5,750.00	\$4,887.50
1	ECX500007-R ECX500009-1	MISC. MAT., CABLES, RMTE., LOT PRINTER	\$780.00 \$558.00	EA	\$780,00 \$558,00	\$663.00 \$474.30
2	ECX500017 ECX500105	IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	\$3,500.00 \$895.00	EA EA	\$3,500.00 \$1,790.00	\$2,975.00 \$1,521.50
	Peripherals / Netwo		A CONTRACTOR OF THE CONTRACTOR	1-30	\$12,378.00	\$10,521.30
	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Ext. Price	OFFER Prior
1/2	- Andread Market Control		11,000,000,000,000,000	C. M. T. T.		3896 3000000000000000000000000000000000000
4	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$990.00 \$3,550.28	EA	\$3,960.00 \$3,550.28	\$3,762.00 \$3,372.77
L	ECX800001	SYSTEM ENGINEERING, Lot	\$1,288.80	UN	51,288,80	51,224.36
	Professional Services	s Sub-Total			\$10,518.23	\$8,359.1
	TOTAL NR Charge	PS:			\$59,152.23	\$27,063.63
	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	Ext. Price	OFFER Prio
83	ECX900000	SYSTEM SUPPORT, 4 YEAR	\$16,070.40	EA	\$13,338.43	\$0.00
33	ECX900004	ONSITE MAINTENANCE, per YEAR	\$3,600.00	EA	\$11,988.00	\$11,988.00
3	ECX900005	EXTENDED WARRANTY, per YEAR (2-5)	\$524.25	EA	\$1,572.75	\$1,572,75
***	Sub-Total Recurring		3.33 Pos. Count	YEAR(s)	\$26,899.18 \$86,051.41 Site Name:	\$13,560.75 \$40,624.38 Outbound Text
***	100			YEAR(s)	\$86,051.41	\$40,624.38
**** Oty	100		Pos. Count 2 Yrs. Spt.	YEAR(s)	\$86,051.41 Site Name: Oakland University Solution being Delivered:	\$40,624.38
ity 2	TOTAL COST OF C	OWNERSHIP:	Pos. Count 2 Yrs. Spt. 3.33	114-2	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh &	\$40,624.38
2	Part Number ECX100101 ECX100103	Telecom / Position / Host Hardware (100) V/KS PC, Dual Video, 8gb RAM MONITOR, 22W FP, BLK	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00	U/M EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3.024.00 \$1.800.00	Outbound Tex no OFFER Prior \$2,570.40 \$1,530.00
2 4 2 4	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$245.00	U/M EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,300.00	Offer Prior 52,570.40 51,530.00 52,295.00 51,173.00
2 4 2 4	Part Number ECX100101 ECX100103 ECX100001-N5 ECX100201 ECX100204	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) Vol P Phone Keypad, Genovation 24 Keypad DTP	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00	U/M EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,300.00 \$378.00	OFFER Prior 52.570.40 51.530.00 52.295.00 5321.30
2 4 2 4	Part Number ECX100101 ECX100103 ECX100001-N5 ECX100201 ECX100204 Hardware Sub-Total	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, Bob RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1.512.00 \$450.00 \$1.350.00 \$1.350.00 \$1.350.00 \$1.350.00	U/M EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,300.00 \$378.00 \$378.00	OFFER Prior S2.570.40 \$1,530.00 \$1,173.00 \$32,1.30 \$7,889,76
2 4 2 4 2 2	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, 8db RAM MONITOR, 22M* FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200)	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$145.00 \$145.00	U/M EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 \$378.00 Ext. Price	Ottound Tex no 0FFER Prior \$2,570.40 \$1,530.00 \$1,173.00 \$1,173.00 \$2,295.00 \$1,173.00 \$7,889.70 OFFER Prior
2 4 2 4 2 2 2 1	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200011 ECX200015	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software: Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1350.00 \$145.00 \$145.00 \$145.00 \$145.00	U/M EA EA EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 \$2,222.00 Ext. Price \$26,000.00 \$3,595.00	Ottound Tex no 0FFER Prior 52,570.40 51,530.00 51,173.00 5321.30 57,889.70 0FFER Prior 50,000
2 4 2 4 2 2 2 1	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200011 ECX200015 ECX200022	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (ALU) Vol P Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$145.00 \$145.00 \$145.00 \$145.00	U/M EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$3780.00 \$3782.00 Ext. Price \$26,000.00 \$3,595.00 \$784.00	Ottound Tex no 0FFER Prior \$2,570.40 \$1,530.00 \$1,173.00 \$321.30 \$7,889.70 OFFER Prior \$0.000 \$0.000 \$0.000
2 4 2 4 2 2 2 1	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200015 ECX200022 Software Sub-Total	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR	Pos. Count 2 Yrs. Spt. 3.33 Unit Price 51,512.00 \$450.00 \$1,350.00 \$245.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,595.00 \$98.00	U/M EA EA EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 \$2,222.00 Ext. Price \$26,000.00 \$3,595.00	Outbound Tex no 0FFER Prior \$2,570.40 \$1,530.00 \$1,173.00 \$321.30 \$7,889.70 OFFER Prior \$0.00 \$0.00 \$0.00
2 4 2 4 2 2 1	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200011 ECX200015 ECX200022	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software: Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1350.00 \$145.00 \$145.00 \$145.00 \$145.00	U/M EA EA EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$3780.00 \$3782.00 Ext. Price \$26,000.00 \$3,595.00 \$784.00	Outbound Tex no 0FFER Prior \$2,570.40 \$1,530.00 \$1,173.00 \$321.30 \$7,889.70 OFFER Prior \$0.00 \$0.00 \$0.00
2 4 4 2 4 4 2 2 2 1 1 8	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200015 ECX200022 Software Sub-Total	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR	Pos. Count 2 Yrs. Spt. 3.33 Unit Price 51,512.00 \$450.00 \$1,350.00 \$245.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,595.00 \$98.00	U/M EA EA EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,380.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 Ext. Price \$26,000.00 \$3,595.00 \$784.00 \$30,379.00	OFFER Prior 22.570.40 51.530.00 52.295.00 51.173.00 5321.30 57.889.76 OFFER Prior OFFER Prior OFFER Prior
2 4 4 2 4 4 2 2 2 1 1 8	Part Number ECX100101 ECX100103 ECX100001-NS ECX100001 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200015 ECX200022 Software Sub-Total Part Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	Pos. Count 2 2 Yrs. Spt 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,595.00 \$98.00	U/M EA EA EA EA EA EA U/M EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 Ext. Price \$26,000.00 \$3,595.00 \$784.00 \$30,379.00 Ext. Price	OFFER Prior \$2,570.40 \$1,530.00 \$2,295.00 \$1,173.00 \$321.30 \$7,889.70 OFFER Prior \$0.00 \$0.00 \$0.00 \$0.00 \$880.00
2 4 4 2 4 4 2 2 2 1 1 8	Part Number ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200015 ECX200012 Software Sub-Total Part Number ECX400004	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8gb RAM MONITOR, 22W* FP, BLK AUDIO INTERFACE UNIT (AU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour	Pos. Count 2 2 Yrs. Spt 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$145.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,595.00 \$98.00	U/M EA EA EA EA EA EA U/M EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,380.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 Ext. Price \$26,000.00 \$3,595.00 \$784.00 \$30,379.00 Ext. Price \$880.00	OFFER Prior \$2,570.40 \$1,530.00 \$2,295.00 \$321.30 \$7,889.70 OFFER Prior \$0,000 \$0,000 \$0,000 \$580.00 \$880.00
2 4 4 2 2 4 4 2 2 1 1 8 8	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200015 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500003	Telecom / Position / Host Hardware (100) VKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour SESUB-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1350.00 \$1450.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,995.00 \$98.00 Unit Price \$110.00	U/M EA EA EA EA EA U/M EA EA U/M UN U/M EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 Ext. Price \$26,000.00 \$31,595.00 \$31,595.00 \$30,379.00 Ext. Price \$880.00 \$3880.00 Ext. Price \$880.00 \$55,750.00	Ottound Tex OFFER Price \$2,570.40 \$1,530.00 \$1,173.00 \$321.30 \$7,889.70 OFFER Price \$0,000 \$0,000 \$0,000 \$0,000 \$580.00 \$880.00 \$880.00 \$4,887.50
2 4 4 2 2 4 4 2 2 1 1 8 8	Part Number ECX100101 ECX100103 ECX100001-NS ECX1000201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX200001 ECX400004 Configuration Service Part Number	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W" FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ses Sub-Total Network and Misc. Hardware and Equipment (500)	Pos. Count 2 Yrs. Spt 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,595.00 \$98.00 Unit Price \$110.00	U/M EA EA EA EA EA EA U/M EA U/M U/M U/M	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$3,78.00 \$378.00 Ext. Price \$26,000.00 \$3,355.00 \$379.00 Ext. Price \$880.00 \$880.00 Ext. Price	OFFER Prior S2,570,40 \$1,530,00 \$1,173,00 \$1,173,00 \$32,1,30 \$7,889,7(OFFER Prior \$0,00 \$0,000 \$0,000 \$880,000
2 4 4 2 4 4 2 2 1 1 8 8	Part Number ECX100101 ECX100103 ECX100001-NS ECX100001-NS ECX100201 ECX100201 ECX100201 ECX200001 ECX200001 ECX200001 ECX200015 ECX2000022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500003 ECX500003-ECX500005-2	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8ab RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) Volp Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour Ses Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 ROUTER (Enterprise/Remote) MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port	Pos. Count 2 Yrs. Spt 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$3,45.00 \$189.00 Unit Price \$13,000 \$3,595.00 \$98.00 Unit Price \$110.00 Unit Price \$110.00	U/M EA EA EA EA EA U/M EA EA U/M UN	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,300.00 \$378.00 \$378.00 Ext. Price \$26,000.00 \$3,595.00 \$784.00 \$30,379.00 Ext. Price \$880.00 \$\$890.00 Ext. Price \$5,750.00 \$5,170.00 \$780.00 \$3,500.00	\$40,624.30 OFFER Prior \$2,570.40 \$1,530.00 \$2,295.00 \$3221.30 \$7,889,7/ OFFER Prior \$0,000 \$0,000 \$0,000 \$880.00 \$880.00 \$880.00 \$4,887.50 \$4,384.50 \$663.00 \$2,975.00
2 4 4 2 4 4 2 2 1 1 8 8	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200001 ECX2000015 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500003 ECX500003-ECX500007-R ECX500007-R ECX5000017 ECX500105	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypsd, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ses Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 ROUTER (Enterprise Remote) MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15)	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,350.00 \$1,00.00	U/M EA EA EA EA EA U/M EA EA EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 \$3,595.00 \$3,595.00 \$3,595.00 \$3,595.00 \$3,595.00 \$880.00 Ext. Price \$880.00 \$880.00 \$5,750.00 \$5,750.00 \$5,170.00 \$780.00 \$1,790.00 \$1,790.00	\$40,624.30 Outbound Tex not \$2,570.40 \$1,530.00 \$2,295.00 \$1,173.00 \$52,130 \$7,889,77 OFFER Prior \$0,000 \$0,000 \$0,000 \$880.00 \$880.00 \$880.00 \$4,887.50 \$4,394.50 \$663.00 \$2,975.00 \$1,521.50
2 4 4 2 4 4 2 2 1 1 8 8	Part Number ECX100101 ECX100101 ECX100103 ECX100001-NS ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200015 ECX200015 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500003 ECX500007-ECX5000017 ECX50015 Peripherals / Netwo	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8db RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VoIP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ses Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 ROUTER (Enterprise/Remote) MISC. MAT., CABLES, RMTE., LOT IP to Serial Disc., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA S-15) rk Sub-Total	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$145.00 \$	U/M EA EA EA EA EA U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 \$378.00 \$378.00 \$31,395.00 \$31,395.00 \$31,395.00 \$30,379.00 Ext. Price \$880.00 \$\$89.00 Ext. Price \$5,750.00 \$55,170.00 \$55,170.00 \$1,790.00 \$1,790.00 \$1,790.00	\$40,624.38 Outbound Tex OFFER Prior \$2,570.40 \$1,530.00 \$2,295.00 \$1,173.00 \$321.30 \$7,8893.71 OFFER Prior \$0,000 \$0,000 \$0,000 \$880.00 \$880.00 \$880.00 \$4,887.50 \$4,394.50 \$563.00 \$2,975.00 \$1,521.50
22 4 4 2 2 2 1 1 8 8 8 8 8 8 8	Part Number ECX100101 ECX100101 ECX100101 ECX100201 ECX100201 ECX100204 Hardware Sub-Total Part Number ECX200015 ECX200015 ECX200022 Software Sub-Total Part Number ECX400004 Configuration Service Part Number ECX500003 ECX500005-2 ECX500007-R ECX500017 ECX500105 Peripherals / Netwo	Telecom / Position / Host Hardware (100) WKS PC, Dual Video, 8qb RAM MONITOR, 22W FP, BLK AUDIO INTERFACE UNIT (AIU) VolP Phone Keypad, Genovation 24 Keypad DTP Software Components (200) CALLSTATION License SIP Trunk Interface, ECW to Third Party VIRUS PROTECTION, WKS. – per Pos. / per YEAR Staging and Configuration Services (400) CONFIG/STAGING, Per Hour ses Sub-Total Network and Misc. Hardware and Equipment (500) SWITCH, 24-PORT POE, 1/10/100 ROUTER (Enterprise/Remote) MISC. MAT., CABLES, RMTE., LOT IP to Serial Dist., 16 port PDU, Rack Mount, Horz., 8 ports - 1U 15A 100/120V (NEMA 5-15) rk Sub-Total System Services (600, 700, 800)	Pos. Count 2 Yrs. Spt. 3.33 Unit Price \$1,512.00 \$450.00 \$1,350.00 \$1450.00 \$145.00 \$189.00 Unit Price \$13,000.00 \$3,595.00 \$98.00 Unit Price \$110.00 Unit Price \$2,875.00 \$5,170.00	U/M EA EA EA EA EA U/M UN UN U/M EA EA EA EA EA U/M	\$86,051.41 Site Name: Oakland University Solution being Delivered: Hardware Refresh & Ext. Price \$3,024.00 \$1,800.00 \$2,700.00 \$1,380.00 \$378.00 \$378.00 \$378.00 \$3,595.00 \$3,595.00 \$3,595.00 \$3,595.00 \$5,794.00 Ext. Price \$880.00 \$880.00 \$5,750.00 \$5,170.00 \$5,170.00 \$1,790.00 \$1,790.00 \$16,990.00 Ext. Price	Ottound Tex OFFER Prior \$2,570.40 \$1,530.00 \$2,295.00 \$1,173.00 \$321,30 \$7,839.70 OFFER Prior \$0,000 \$0
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RLB

AMENDMENT OF CONTRACT 004698

AMENDMENT 02

AMENDMENT DATE: September 20, 2019

This AMENDMENT OF CONTRACT (hereafter this "Amendment") is made and entered into by and between the Contractor named and identified below, (hereafter "Contractor") and the COUNTY OF OAKLAND (hereafter "County") whose address is 2100 Pontiac Lake Rd, Waterford, MI 48328.

CONTRACTOR	ADDRESS	
Emergency CallWorks	1900 International Park Dr. Ste. 300 Birmingham, AL 35243	
Vendor Number: 20240		

The County and Contractor agree and acknowledge that the purpose of this Amendment is to modify as provided herein and otherwise continue the present contractual relationship between the Parties as described in their current contract with the same contract number as above.

In consideration of the extension of the mutual promises, representations, assurances, agreements, and provisions in the Contract and this Amendment, the adequacy of which is hereby acknowledged by the Parties, the County and Contractor hereby agrees to amend the current Contract as follows:

- 1.0 The County and Contractor agree that any and all defined words or phrases in the current Contract between the parties will apply equally to and throughout the amendment.
- 2.0 The Parties agree that any and all other terms and conditions set forth in the current Contract between the Parties shall remain in full force and effect and shall not be modified, excepted, diminished, or otherwise changed or altered by this Amendment except as otherwise expressly provided for in this Amendment.
- 3.0 Description of Change:

Add \$60,000.00 to the contract Not to Exceed (NTE) amount. The contract NTE will change from \$2,938,500.00 to \$2,998,500.00

OAKLAND COUNTY EXECUTIVE, DAVID COULTER

COMPLIANCE OFFICE PURCHASING

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For and in consideration of the mutual assurances, promises, acknowledgments, warrants, representations, and agreements set forth in the Contract and this Amendment, and for other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned hereby execute this Amendment on behalf of the County, and Contractor and by doing so legally obligate and bind the County and Contractor to the terms and conditions of the Contract and this Amendment.

THE CONTRACTOR:

SIGN / DATE: Elizabeth Heintzman (Seq 20, 2019)

Emergency CallWorks

THE COUNTY OF OAKLAND:

SIGN / DATE: Scott N. Guzzy (Sep 20, 2019)

Pamela L. Weipert, CPA CIA, Compliance Officer

or

Scott N. Guzzy, CPPO, MBA, Purchasing Administrator

cmk



OAKLAND COUNTY EXECUTIVE, L. BROOKS PATTERSON

COMPLIANCE OFFICE PURCHASING

Compliance Office | Purchasing 248-858-0511 | purchasing@oakgov.com

IT

RLB

AMENDMENT OF CONTRACT 004698

AMENDMENT 01

AMENDMENT DATE: July 26, 2017

This AMENDMENT OF CONTRACT (hereafter this "Amendment") is made and entered into by and between the Contractor named and identified below, (hereafter "Contractor") and the COUNTY OF OAKLAND (hereafter "County") whose address is 2100 Pontiac Lake Rd, Waterford, MI 48328.

CONTRACTOR	ADDRESS	
Emergency CallWorks	1900 International Park Dr. Ste. 300 Birmingham, AL 35243	
Vendor Number: 20240		

The County and Contractor agree and acknowledge that the purpose of this Amendment is to modify as provided herein and otherwise continue the present contractual relationship between the Parties as described in their current contract with the same contract number as above.

In consideration of the extension of the mutual promises, representations, assurances, agreements, and provisions in the Contract and this Amendment, the adequacy of which is hereby acknowledged by the Parties, the County and Contractor hereby agrees to amend the current Contract as follows:

- The County and Contractor agree that any and all defined words or phrases in the current Contract between the parties will apply equally to and throughout the amendment.
- 2.0 The Parties agree that any and all other terms and conditions set forth in the current Contract between the Parties shall remain in full force and effect and shall not be modified, excepted, diminished, or otherwise changed or altered by this Amendment except as otherwise expressly provided for in this Amendment.
- 3.0 Description of Change:

Pursuant to Exhibit V Titled Oakland County Site Pricing, the county is invoking the Option of adding four positions for the Sherriff's location.



OAKLAND COUNTY EXECUTIVE, L. BROOKS PATTERSON

COMPLIANCE OFFICE PURCHASING

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For and in consideration of the mutual assurances, promises, acknowledgments, warrants, representations, and agreements set forth in the Contract and this Amendment, and for other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned hereby execute this Amendment on behalf of the County, and Contractor and by doing so legally obligate and bind the County and Contractor to the terms and conditions of the Contract and this Amendment.

THE CONTRACTOR:

SIGN / DATE:

YAW CIZEK Paul Cízek (Jul 26, 2017)

Emergency CallWorks

THE COUNTY OF OAKLAND:

SIGN / DATE:

Scott N. Guzzy
Scott N. Guzzy (Jul 26, 2017)

Pamela L. Weipert, CPA CIA, Compliance Officer

or

Scott N. Guzzy, CPPO, MBA, Purchasing Administrator

aec



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Buyer: RLB

CONTRACT NUMBER: 004698

Event # 003294

CONTRACT between the COUNTY OF OAKLAND and CONTRACTOR

Not To Exceed Amount: \$ 2,938,500.00		Effective Date: 2/1/2016	Expiration Date: 1/31/2021	
Contract Description:	NG 911 Call Process Equip	P		
Contractor			Contract Administrator	
Information:			(If Different):	
19	Emergency CallWorks Jeremy Eilers 900 International Park Dr Ste 30 Birmingham, AL 35243 Vendor No: 20240	00		
Compliance Office			Contract Administrator	
Purchasing Information:		Oakla	and County Using Department:	
Buyer: Richard Brower Oakland County 2100 Pontiac Lake Rd Bldg 41W Waterford, MI 48328-0462 248-858-0511 purchasing@oakgov.com		' 1	itricia Coates/Jeffrey Werner 1200 North Telegraph Road unty Service Center - Pontiac Waterford MI 48341	

The Parties agree to the attached terms and conditions:

FOR THE CONTRACTOR:

Contract Administrator

SIGN: Patricia A Coates
Patricia A Coates (Mar 29, 2016)

Contract Administrator

Pamela L. Weipert, CPA, CIA, Compliance Officer

or

Scott N. Guzzy, CPPO, MBA, Purchasing Admin



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This Contract is organized and divided into the following Sections for the convenience of the Parties.

Section 1. Contract Definitions

Section 2. Contract Term and Renewal

Section 3. Contract Administration and Amendments

Section 4. Contract Termination

Section 5. Scope of Deliverables and Financial/Payment Obligations

Section 6. <u>Contractor's Warranties and Assurances</u>

Section 7. <u>Liability</u>

Section 8. Contractor Provided Insurance

Section 9. Intellectual Property and Confidentiality

Section 10. General Terms and Conditions

§1. <u>CONTRACT DEFINITIONS</u>

The following words when printed with the first letter capitalized shall be defined and interpreted as follows, whether used in the singular or plural, nominative or possessive case, and with or without quotation marks:

- 1.1. "Amendment" means any change, clarification, or modification to this Contract.
- 1.2. "Beneficial Use" means when the County first uses the Deliverables in Exhibit II for its operational purposes (excluding training or testing).
- 1.3. "Business Day" means Monday through Friday from 8:00 a.m. to 5:00 p.m., excluding County designated holidays.
- 1.4. "Claims" means any loss; complaint; demand for relief or damages; lawsuit; cause of action; proceeding; judgment; penalty; and reasonable and verifiable costs, which are imposed on, incurred by, or asserted against the County or for which the County may become legally or contractually obligated to pay or defend against, whether commenced or threatened, including, but not limited to, reimbursement for reasonable attorney fees, mediation, facilitation, arbitration fees, witness fees, court costs, investigation expenses, litigation expenses, or amounts paid in settlement.
- 1.5. "Confidential Information" means all information consistent with the fulfillment of this Contract that is (i) disclosed under this Contract in oral, written, graphic, machine recognizable, and/or sample form, being clearly designated, labeled or marked as confidential or its equivalent or (ii) obtained by examination, testing or analysis of any hardware, software, or any component part thereof. Confidential information that is disclosed orally must be identified as confidential at the time of disclosure and confirmed by the discloser by submitting a written document to the recipient within thirty (30) Days after such disclosure. The written document must contain a summary of the Confidential



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Information disclosed with enough specificity for identification purpose and must be labeled or marked as confidential or its equivalent. Confidential Information does not include information required or permitted by law to be disclosed.

- 1.6. "Contract" means this document and any other documents expressly incorporated herein.
- 1.7. "Contractor" means the entity or person listed under "Contractor" on the first page of this Contract.
- 1.8. "Contractor Employee" means any employee; officer; director; member; manager; trustee; volunteer; attorney; contractor; subcontractor; independent contractor; subsidiary; or agent of Contractor acting in their representative, or official capacities. Contractor Employees shall also include any person who was a Contractor Employee at any time during the term of this Contract but, for any reason, is no longer employed, appointed, or elected in that capacity.
- 1.9. "Contractor Software" means software that Contractor or its affiliated companies owns.
- 1.10. "Contract Documents" mean the following documents, which this Contract includes and incorporates:
- 1.10.1. Exhibit I: Contractor Insurance Requirements
- 1.10.2. Exhibit II: Scope of Contractor Deliverables and respective Obligations of the Parties
- 1.10.3. Exhibit III: Software License Agreement
- 1.10.4. Exhibit IV: Maintenance Agreement
- 1.10.5. Exhibit V: Oakland County Site Pricing
- 1.10.6. Exhibit VI: Non-Oakland County Site Pricing
- 1.11. "County" means the County of Oakland, a Municipal and Constitutional Corporation, its departments, divisions, authorities, boards, committees, and "County Agents" as defined below.
- 1.12. "County Agent" means any elected and appointed officials; directors; board members; council members; commissioners; and employees of the County; acting in their representative, or official capacities. "County Agent" shall also include any person who was a "County Agent" anytime during the term of this Contract but, for any reason, is no longer employed, appointed, or elected and in that capacity.
- 1.13. "County Data" means information or data provided by County to Contractor in the performance of this Contract, including, but not limited to any personally identifiable information such as names, e-mail addresses, passwords, phone numbers, and home or business addresses. County Data may include Confidential Information as defined in this Contract.
- 1.14. "Day" means any calendar day, which shall begin at 12:00:00 a.m. and end at 11:59:59 p.m.



- 1.15. "Deliverables" means goods, equipment, and/or services provided under this Contract, and all written information (e.g., reports, specifications, designs, plans, drawings, or other technical or business information) that Contractor prepares for County in the performance of the services and is obligated to provide to County under this Contract. The Deliverables are specifically described in Exhibit II.
- 1.16. "Deployment" means the date the County places all of the Deliverables into service and the date when the Deliverables have the capability to process live traffic (excluding training or testing).
- 1.17. "**Equipment**" means the equipment that County purchases from Contractor under this Contract which is specifically described in Exhibit II.
- 1.18. "Effective Date" means midnight on the date listed on the first page of this Contract.
- 1.19. "Expiration Date" means 11:59.59 p.m. on the date listed on the first page of this Contract.
- 1.20. "E-Verify" means an Internet based system operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration (SSA) that allows participating employers to electronically verify the employment eligibility of their newly hired employees. Information and the registration process are found at the E-Verify website: https://e-verify.uscis.gov/enroll.
- 1.21. "Infringement Claim" means a third party claim alleging that the Equipment manufactured by Contractor or Contractor Software directly infringes a patent or copyright.
- 1.22. "Intellectual Property" means any developments, improvements, designs, innovation, and materials that may be the subject of a trademark/servicemark, copyright, patent, trade secret, or Proprietary Information.
- 1.23. "**Iran-Linked Business**" is defined in the Michigan Compiled Laws (MCL), specifically MCL 129.312, being Section 2 of Public Act 517 of 2012.
- 1.24. **"Non-Contractor Software"** means software that a party other than Contractor or its affiliated companies owns.
- 1.25. "Not to Exceed Amount" means the dollar amount listed on the first page of this Contract, unless amended. The "Not to Exceed Amount" may not be the County's financial obligation under this Contract, but is intended to represent the maximum amount that can be paid to Contractor during the term of this Contract.
- 1.26. **"Open Source Software"** (also called "freeware" or "shareware") means software with either freely obtainable source code, license for modification, or permission for free distribution.
- 1.27. "**Proposal**" means Contractor's response or bid to the County's Request for Proposal, Request for Qualifications, or Request for Quotes.
- 1.28. "**Proprietary Information**" means all ideas, concepts, inventions, know how, methodologies and processes related to the services provided under this Contract, including



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- the development and operation of computer software and systems such as source code, object code, security procedures, and passwords.
- 1.29. **"Public Safety Answering Point" ("PSAP")** means primary or secondary public safety answering points as defined in MCL 484.1102 (z) and (gg).
- 1.30. "Purchase Order" means the County's written request to Contractor for Deliverables pursuant to this Contract. The Purchase Order may include terms regarding delivery schedule, payment, and transportation.
- 1.31. "Purchasing" means the Purchasing Unit of the Oakland County Compliance Office.
- 1.32. "Software" means the Contractor Software and Non-Contractor Software, including all modifications, enhancements, new versions or new releases, in object code format that is furnished with the system or equipment or provided to enable services.
- 1.33. "System" means a state-of-the-art turn-key NG-911 Public Saftety Answering Point Call Handling system providing all of the features and capabilities necessary to receive, handle and track all types Emergency Calls including NG-911/i3, E911 (inc. Wireless Phase 1 and 2), basic 911, and 10-digit Emergency.

§2. CONTRACT TERM AND RENEWAL

- 2.1. <u>Contract Term.</u> This Contract shall begin on the Effective Date and shall end on the Expiration Date.
- 2.2. <u>Contract Renewal.</u> Unless otherwise provided herein, the Parties are under no obligation to renew or extend this Contract after the Expiration Date. This Contract may only be extended by an Amendment.
- 2.3. <u>Legal Effect.</u> This Contract shall be effective and binding when all of the following occur: (a) this Contract is signed by a Contractor Employee, legally authorized to bind Contractor; and (b) this Contract is signed by an authorized County Agent.

§3. CONTRACT ADMINISTRATION AND AMENDMENTS

- 3.1. <u>Contract and Purchase Order Issuance.</u> Purchasing shall issue this Contract and any Purchase Orders that may be required. Purchasing is the sole point of contact in the County regarding all procurement and contractual matters relating to this Contract and any Purchase Orders. Purchasing is the only County office/department authorized to make any Amendments to this Contract or Purchase Orders.
- 3.2. <u>Purchase Orders</u>. Purchase Orders issued under this Contract are governed by the terms and conditions of this Contract and are included and incorporated herein. Nothing on the Purchase Order will modify or add to the terms of this Contract.
- 3.3. <u>Project Managers.</u> Each Party may designate an employee or agent to act as a Project Manager. If Project Managers are selected, they shall be listed in Exhibit II and their duties shall be set forth in Exhibit II. Unless otherwise stated in Exhibit II, the County's Project Manager has no authority to amend this Contract.



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- 3.4. Contract Administrators. The County shall designate an employee or agent to act as Contract Administrator(s). Contractor may designate its employee or agent to act as Contract Administrator(s). The Contract Administrators shall be listed on the first page of this Contract. The County's Contract Administrator(s) shall be responsible for monitoring and coordinating day-to-day activities under this Contract, reviewing Deliverables and invoices, and submitting requests for Amendments to Purchasing. The County's Contract Administrator(s) have no authority to amend this Contract.
- 3.5. Contract Amendments. All Amendments to this Contract must be in writing. This Contract shall not be amended by any packing slip, Purchase Order, invoice, click through license agreement, or Contractor policies or agreements published on Contractor's website or otherwise. Amendments to this Contract shall be issued only by Purchasing. The Amendment shall be effective when signed by an authorized Contractor Employee and an authorized County Agent.
- 3.6. <u>Unauthorized Changes.</u> Contract changes shall not be effective until an Amendment containing the change is executed according to the procedures described in this Contract. If the Contractor is directed to perform work that Contractor believes is a change in the Contract/Deliverables, then Contractor must notify Purchasing that it believes the requested work is a change to the Contract before performing the requested work. If Contractor fails to notify Purchasing before beginning the requested work, then Contractor waives any claims for additional compensation for performing the requested work. If Contractor begins work that is outside the scope of this Contract or begins work before an Amendment is executed and then stops performing that work, Contractor must, at the request of the County, undo any out-of-scope work that the County believes would adversely affect the County.
- 3.7. Precedence of Contract Documents. In the event of a conflict, the terms and conditions contained in Sections 1 through 10 of this Contract shall prevail and take precedence over any allegedly conflicting provisions in all Contract Documents, Exhibits, Purchase Orders, Amendments, and other documents expressly incorporated herein. Terms and conditions contained in Contractor invoices, packing slips, receipts, acknowledgments and similar documents shall not change the terms and conditions of this Contract.

§4. CONTRACT TERMINATION

- 4.1. <u>County Termination.</u> In addition to any other legal rights the County may have to terminate or cancel this Contract, the County may terminate the Contract as follows:
- 4.1.1. <u>Immediate Termination.</u> The County may terminate or cancel this Contract, in whole or in part, immediately, upon notice to Contractor, if Contractor, officer of Contractor, or an owner of a 25% or greater share of Contractor is convicted of a criminal offense.
- 4.1.2. <u>Termination for Convenience</u>. The County may terminate or cancel this Contract, in whole or part, at any time, upon ninety (90) Days' notice to Contractor, for any reason, including convenience without incurring obligation or penalty of any kind. The effective date for termination or cancellation, and whether it is in whole or in part, shall be clearly



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stated in the notice. Notwithstanding the above, if County exercises this right to terminate for convenience, County will pay Contractor for the portion of the Contract Price attributable to the Deliverables and/or Software delivered, and all services performed, on or before the effective date of the termination.

- 4.2. Contractor Termination. Contractor may terminate or cancel this Contract, in whole or part, upon one hundred and eighty (180) Days' notice to the County, if the County breaches a non-payment related duty or obligation contained herein and ninety (90) Days notice if the County breaches a payment obligation, provided that within such notice period County has failed or has not attempted to cure the breach. The effective date of termination or cancellation and the specific alleged default shall be clearly stated in the notice to the County.
- 4.3. County's Obligations Upon Termination. The County's sole obligation in the event of termination or cancellation of this Contract is for payment of the actual Deliverables and Software provided to the County before the effective date of termination. Under no circumstances shall the County be liable for any future loss of income, profits, any consequential damages, any loss of business opportunities, revenues, or any other economic benefit Contractor may have realized but for the termination or cancellation of this Contract. Except as otherwise stated, the County shall not be obligated to pay Contractor any cancellation or termination fee if this Contract is cancelled or terminated as provided herein. If the County chooses to terminate the Contract in part, then the charges payable under this Contract must be equitably adjusted to reflect those Deliverables that are terminated.
- Contractor's Obligations Upon Termination. If the County terminates this Contract, for 4.4. any reason, then Contractor must do the following: (a) cease providing all Deliverables as specified at the time stated in the notice of termination; (b) preserve and protect Deliverables or other property derived or resulting from the Contract that is in Contractor's possession; (c) return all materials, property, and County Data provided to Contractor by the County; (d) unless otherwise directed by the County, transfer title in and deliver to the County all Deliverables in the possession of Contractor or Contractor Employees (which Deliverables are transferred to the County "As-Is", except to the extent the amounts paid by the County for these Deliverables include warranties or warranty services. In that situation, the Deliverables will be transferred with the warranty or warranty services and not "As-Is"); and (e) take action to mitigate and limit potential damages, including terminating or limiting, as applicable, those subcontracts and outstanding orders for materials and supplies connected with or related to this Contract. Under no circumstances shall the Contractor be liable for any future loss of income, time, data, profits, any consequential damages, any loss of opportunities, revenues, savings, or any other economic benefit County may have realized but for the termination or cancellation of this Contract.
- 4.5. <u>Assumption of Subcontracts.</u> If Contractor is in breach of this Contract and the County terminates this Contract, then the County may assume, at its option, any subcontracts and agreements for Deliverables provided under the Contract and may pursue completion of the



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Deliverables by replacement Contract or otherwise as the County, in its sole judgment, deems expedient, provided that no Contractor Intellectual Property will be used by County.

- §5. SCOPE OF DELIVERABLES AND FINANCIAL/PAYMENT OBLIGATIONS
- 5.1. <u>Performance of Deliverables.</u> Contractor shall provide all Deliverables and Equipment identified in and as set forth in Exhibits II and V or any Amendments to this Contract.
- 5.2. <u>Software License.</u> Contractor Software shall be licensed to the County as set forth in Exhibit III.
- 5.3. <u>Maintenance Agreement.</u> Contractor shall maintain and repair the Equipment and Software as set forth in Exhibit IV.
- 5.4. Financial Obligations. Except as otherwise set forth in this Contract, the County's sole financial obligation under this Contract shall be set forth in Exhibits II, IV and V. The amount and manner of payment of the financial obligation shall be a Purchase Order based on the amount of Exhibit V.
- 5.5. Payment Obligations. Except as otherwise set forth in Exhibits II, IV and V, Contractor shall submit an invoice to the County's Contract Administrator itemizing amounts due and owing under this Contract, as of the date of the invoice. Invoices shall contain the following information: (a) County Contract Number; (b) itemized list of Deliverables; (c) Contractor Tax ID Number (federal and State); and (d) any other information reasonably requested by Purchasing. The County shall have no obligation to make a payment under this Contract until an invoice is submitted in the form set forth herein and shall have no obligation to pay for Deliverables, which have not been invoiced (as required herein) within sixty (60) Days of Contractor's performance. Unless otherwise set forth in Exhibit II, the County shall only pay Contractor for Deliverables under this Contract and not any subcontractors or assignees of Contractor.
- 5.6. Not to Exceed Amount. The amount due and owing to Contractor, under this Contract, shall not exceed the "Not to Exceed Amount." If Contractor can reasonably foresee that the total financial obligation for the Contract will exceed the "Not to Exceed Amount," then Contractor shall provide Purchasing with notice of this fact at least ten (10) Days before this event.
- 5.7. Performance Bond. Contractor shall supply a Performance Bond payable to the County within ten (10) days of Contract execution. The Performance Bond shall be executed by a corporation authorized to contract as a surety in the State of Michigan and which is on the United States Treasury List. The initial amount of the Performance Bond shall be 100% of the "not to exceed amount." The Performance Bond will insure the full and faithful performance of the Contract with the County. The County shall be the sole beneficiary of the Performance Bond. The Performance Bond shall be released incrementally as Contractor completes Deliverables and such Deliverables are approved by the County, in its sole discretion.



- 5.8. <u>Title and Risk of Loss.</u> Title to the Equipment will pass to County upon receipt. Title to Software will not pass to County at any time. Risk of loss will pass to County upon delivery of the equipment to the County. Contractor will pack and ship all Equipment in accordance with good commercial practices.
- 5.9. No Obligation for Penalties/Costs/Fines. Neither party shall be responsible for any cost; fee; fine; penalty; or direct, indirect, special, incidental, or consequential damages incurred or suffered by the other in connection with or resulting from its obligations under this Contract under any circumstances.
- 5.10. <u>In-Kind Services.</u> Unless expressly provided herein, this Contract does not authorize any in-kind services by either Party.
- 5.11. <u>Letter of Agency.</u> The County shall be responsible for drafting and having executed a Letter of Agency with the applicable and necessary entities for the provision of Deliverables under this Contract, i.e., the provision of E9-1-1 Services and System pursuant to federal and state law and this Contract.
- §6. CONTRACTOR'S WARRANTIES AND ASSURANCES
- 6.1. Full Knowledge of Contract Expectations. Contractor warrants that before submitting its Proposal and/or entering into this Contract, it had a full opportunity to review all County requirements and/or expectations for this Contract. Contractor is responsible for being adequately and properly prepared to execute this Contract. Contractor has satisfied itself in all material respects that it will be able to perform the Contract as specified herein.
- 6.2. <u>Complete and Accurate Representations.</u> Contractor certifies that, to the best of its knowledge and belief, all statements, assurances, records, and materials submitted to the County in connection with seeking and obtaining this Contract have been truthful, complete, and accurate.
- 6.3. Access to Contractor Policies. If the Parties agree in this Contract to follow any Contractor policies, such as acceptable use or privacy policies, then Contractor shall retain each version of such policies and the effective dates and shall promptly provide such to the County, if requested.
- 6.4. Grant Compliance. If any part of this Contract is supported or paid for with any State, federal, or other third-party funds granted to the County, then Contractor shall comply with all applicable grant requirements. Upon request of Contractor, the County shall provide Contractor with a copy of the applicable grant requirements.
- 6.5. <u>Contractor Incidental Expenses.</u> Except as otherwise expressly provided in this Contract, Contractor shall be solely responsible and liable for all costs and expenses associated or needed to perform this Contract, including, but not limited to, any professional dues, association fees, license fees, fines, taxes, and penalties.



- 6.6. Equipment and Supplies. Contractor is responsible for providing all equipment and supplies to perform this Contract, which are not expressly required to be provided by the County.
- 6.7. Contractor Employees.
- 6.7.1. Number and Qualifications of Contractor Employees. Contractor shall employ and assign qualified Contractor Employees as necessary and appropriate to perform this Contract. Contractor shall require all Contractor Employees to have the knowledge, skill, and qualifications to perform this Contract and to possess any necessary contractor licenses, permits, certificates, and governmental authorizations as may be required by law to perform Contractor's responsibilities under this Contract.
- 6.7.2. <u>Control and Supervision of Employees.</u> Both Contractor and County shall solely control, direct, and supervise all its own employees under this Contract. Each party will be solely responsible for and fully liable for the conduct and supervision of its own employees.
- 6.7.3. Removal or Reassignment of Personnel at the County's Request. Contractor shall remove a Contractor Employee performing work under this Contract at the County's request provided that the County's request is based on legitimate, good-faith reasons. Replacement personnel for the removed person must be fully qualified for the position. If the removal of a Contractor Employee results in an unanticipated delay, which is attributable to the County, then this delay shall not be considered a breach of the Contract and the terms and conditions of this Contract effected by the removal will be adjusted accordingly.
- 6.7.4. <u>Contractor Employee Identification</u>. If requested by the County, Contractor Employees shall wear and display appropriate County-provided identification at all times while working on County premises. Contractor shall return all County-provided identification upon completion of Contractor's obligations under this Contract.
- 6.7.5. Background Checks. Contractor affirms that it checks the criminal records of all Contractor Employee applicants for felony convictions and misdemeanor convictions involving a violent act or threat of violence within the seven (7) years prior to employment, where permitted by law; however, at the County's request, in addition to Contractor's background check, Contractor Employees performing work under this Contract shall be subject to a background check by the County. The scope of the County's background check is at the discretion of the County in accordance with applicable laws and the results will be used to determine Contractor Employee's eligibility to perform work under this Contract. Any request for background checks will be initiated by the County and will be reasonably related to the type of work requested. Contractor will not under any circumstances agree to waive the rights of Contractor Employees. Unless otherwise protected by law, Contractor and Contractor Employees shall provide all information or documents necessary to perform the background check. The County acknowledges the sensitive nature of background check results, related records, and personally identifiable information; therefore, to the extent permitted by law, such information will be treated as Confidential Information to be



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protected and not disclosed. County certifies that it will secure and protect the background check results, related records, and personally identifiable information revealed from such background check in the same manner it protects this information of County Agents.

- 6.7.6. Compliance with County Security Policies and Use Policies. Contractor shall require all Contractor Employees to comply with the County's security and acceptable use policies for County property (tangible and intangible), equipment, resources, facilities, and systems. Upon request, the County shall provide such policies to Contractor.
- 6.7.7. Employee Expenses. All Contractor Employees shall be employed at Contractor's sole expense (including employment-related taxes and insurance). All County Agents shall be employed at the County's sole expense (including employment-related taxes and insurance). Contractor and the County shall require that all Contractor Employees and County Agents comply with and adhere to the terms of this Contract to the extent they apply to performance of the work under the Contract. Contractor and County shall be respectively liable for all applicable Contractor Employees and County Agents' federal, state, or local payment withholdings or contributions and/or all Contractor Employee and County Agent related pension or welfare benefits plan contributions under federal or state law. Contractor shall indemnify and hold the County harmless for all Claims against the County by any Contractor Employee, arising out of any contract for hire or employer-employee relationship between Contractor and any Contractor Employee including, but not limited to, Worker's Compensation, disability pay, or other insurance of any kind.
- 6.7.8. Contractor's Compliance with the Patient Protection and Affordable Care Act. If Contractor is subject to the Patient Protection and Affordable Care Act ("ACA"), PL 111-148, 124 Stat 119, then Contractor shall ensure that all Contractor Employees, under assignment to the County, and their dependents, as defined by the ACA, are provided with or have access to insurance as required by the ACA. If Contractor is subject to the ACA, Contractor warrants it offers group health coverage to Contractor Employees and their dependents that is affordable, that provides minimum essential coverage and value, and that each offer of coverage meets the timing requirements of the ACA. Contractor warrants, whether or not it is subject to the ACA, that it will pay all applicable fees, taxes, or fines, as set forth in the employer mandates of the ACA under Tax Code §4980H and related regulations for any Contractor Employee, whether the fee, tax, or fine is assessed against the Contractor or the County.
- 6.8. Acknowledgment of Independent Contractor Status.
- 6.8.1. <u>Independent Contractor.</u> Nothing in this Contract is intended to establish an employer-employee relationship between the County and Contractor or any of their respective employees. In no event, shall Contractor Employees or County Agents be deemed employees, agents, volunteers, or subcontractors of the other Party. Contractor and the County shall respectively ensure that Contractor Employees and County Agents are apprised of their status as independent contractors and the limitations of this status.



- 6.8.2. <u>Employee Representations.</u> Neither Contractor or Contractor Employees nor the County or County Agents shall represent themselves as employees of the other Party.
- 6.8.3. Benefits and Plans. Neither Contractor or Contractor Employees nor the County or County Agents shall be entitled to participate in any employee benefit plans and programs of the other Party, including but not limited to, retirement, deferred compensation, insurance (including without limitation, health, disability, dental, and life), and vacation pay. This limitation includes access to benefit plans and programs that are not described by a written plan.
- 6.8.4. Reliance. Both Contractor and the County entered into this Contract in reliance of the representations made by the other regarding its understanding of the role of independent contractors, its stated relationship to its respective employees, and other representations the Contractor and the County have made regarding the management and performance oversights of both Contractor Employees and County Agents.
- 6.9. Permits and Licenses. Except for those licenses and permits described above as the County's responsibility, Contractor shall be responsible for obtaining and maintaining, throughout the term of this Contract, all licenses, permits, certificates, governmental authorizations, and business/professional licenses necessary to perform this Contract. Upon request by the County, Contractor shall furnish copies of any permit, license, certificate, or governmental authorization necessary to perform this Contract.
- 6.10. E-Verify. In accordance with Miscellaneous Resolution No.09116 (BOC Minutes, July 30, 2009, pp 37-38), unless otherwise exempted, all service contractors who wish to contract with the County to provide services must first certify they have registered with, will participate in, and continue to utilize, once registered, the E-Verify Program (or any successor program implemented by the federal government or its departments or agencies) to verify the work authorization status of all newly hired employees employed by the Contractor. Breach of this term or condition is considered a material breach of this Contract. Contractor's execution of this Contract constitutes a certification that they are authorized to certify on behalf of Contractor and do hereby certify on behalf of Contractor that the Contractor has registered with, has and will participate in, and does and will continue to utilize once registered and throughout the term of this Contract and any permissible extension hereof, the E-Verify Program (or any successor program implemented by the federal government or its departments or agencies) to verify the work authorization status of all newly hired employees employed by the Contractor.
- 6.11. <u>Iran-Linked Business Certification.</u> Contractor certifies that it is not an Iran-Linked Business. Contractor further certifies that it was not an Iran-Linked Business at the time it submitted its Proposal for this Contract. Contractor must promptly notify the County, if Contractor becomes an Iran-Linked Business at any time during this Contract.
- 6.12. **Taxes**.
- 6.12.1. <u>Contractor Taxes.</u> Contractor shall collect and pay its local, state, and federal taxes, including but not limited to, all employment taxes, sales taxes, personal property taxes, and



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real property taxes. The County shall not be liable to or required to reimburse Contractor for any local, state, or federal tax of any kind.

- 6.12.2. County Tax-Exempt. The County is exempt from state and local sales tax, personal property tax, and real property tax. Prices under this Contract shall not include taxes, unless the County is not tax-exempt for a specific Deliverable. Exemption certificates for sales tax will be furnished upon request.
- 6.13. Equipment Warranty. For one year after Beneficial Use is reached, or eighteen (18) months after the Deployment of all Deliverables, whichever is sooner ("Warranty Period"), Contractor warrants that the Equipment provided by Contractor under normal use and service will be free from material defects in materials and workmanship. Beneficial Use cannot be extended if a delay, outside the control of Contractor, renders the County unable to exercise Beneficial Use of the Deliverables.
- 6.14. Software Warranty. Unless otherwise stated in the Software License Agreement (Exhibit III), during the Warranty Period, Contractor warrants the software in accordance with the warranty terms set forth in the Software License Agreement from the date of Beneficial Use, or the date of the Deployment of all Deliverables. Beneficial Use cannot be extended if a delay, outside the control of the Contractor, renders the County unable to exercise Beneficial Use of the Deliverables. TO THE EXTENT, IF ANY, THAT THERE IS A SEPARATE LICENSE AGREEMENT PACKAGED WITH, OR PROVIDED ELECTRONICALLY WITH, A PARTICULAR PRODUCT THAT BECOMES EFFECTIVE ON AN ACT OF ACCEPTANCE BY THE END USER, THEN THAT AGREEMENT SUPERCEDES THE SOFTWARE LICENSE AGREEMENT AS TO THE END USER OF EACH SUCH PRODUCT.
- 6.15. Exclusions to Equipment and Software Warranties. The warranties set forth in 6.13 and 6.14 do not apply to: (i) defects or damage resulting from: use of the Deliverables in other than their normal, customary, and authorized manner; accident, liquids, neglect, or acts of God; testing, maintenance, disassembly, repair, installation, alteration, modification, or adjustment not provided or authorized in writing by Contractor; County's failure to comply with all applicable industry and OSHA standards; (ii) Deliverables that have had the serial number removed or made illegible; (iii) batteries (because they carry their own separate limited warranty) or consumables; (iv) freight costs to ship Deliverables to the repair depot; (v) scratches or other cosmetic damage to Deliverable surfaces that does not affect the operation of the Deliverables; and (vi) normal or customary wear and tear.
- 6.16. Service Warranty. During the Warranty Period, Contractor warrants that the services will be provided in a good and workman like manner and will conform in all material respects to the applicable statement of work contained in Exhibit II. Services will be free of defects in materials and workmanship for a period of ninety (90) days from the date the performance of the services are completed.



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- 6.17. Warranty Claims. To assert a warranty claim, the County must notify Contractor in writing of the claim within thirty (30) Days of the expiration of the Warranty Period. Upon receipt of this notice, Contractor will investigate the warranty claim. If this investigation confirms a valid Equipment or Software warranty claim, Contractor will (at its option and at no additional charge to County) repair the defective Equipment or Contractor Software, replace it with the same or equivalent product, or refund the price of the defective Equipment or Contractor Software. These actions will be the full extent of Contractor's liability for the warranty claim. In the event of a valid Services warranty claim, County's sole remedy is to require Contractor to re-perform the non-conforming service or to refund, on a pro-rata basis, the fees paid for the non-conforming service. Repaired or replaced product is warranted for the balance of the original applicable Warranty Period. All replaced products or parts will become the property of Contractor. Costs for shipping of replacement Equipment during Warranty Period shall be paid by Contractor.
- 6.18. Original End User is Covered. These express limited warranties are extended by Contractor to the County and are not assignable or transferable.
- 6.19. DISCLAIMER OF OTHER WARRANTIES. THESE WARRANTIES ARE THE COMPLETE WARRANTIES FOR THE DELIVERABLES AND CONTRACTOR SOFTWARE PROVIDED UNDER THIS AGREEMENT AND ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES. CONTRACTOR DISCLAIMS ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE.
- 6.20. Response to Legal Request for County Data. If the County receives a Court Order, a Freedom of Information Act (FOIA) request, or other legal request to provide County Data held by Contractor, but not also held by the County, then, upon timely request by the County to Contractor, Contractor shall provide County Data to the County, in a format directed by the County, within the time frame required by law.

§7. <u>LIABILITY</u>

7.1. Contractor Indemnification. Contractor shall indemnify, defend, and hold the County harmless from all Claims incurred by or asserted against the County by any person or entity, which are alleged to have been caused directly or indirectly from the acts or omissions of Contractor or Contractor's Employees while performing their duties under this Contract. Such indemnification obligation only exists if County gives Contractor written notice, within ten (10) Business Days of written receipt of a Claim and cooperates with Contractor in its defense or settlement of the Claim. Notwithstanding the above, Contractor, Contractor Employees, the County and County Agents do not waive and are entitled to the immunity protections granted under the Next Generation 9-1-1 Advancement Act of 2012 and Michigan Public Act 32 of 1986, MCL § 484.1604. The foregoing indemnification obligation is inapplicable if Contractor would be entitled to immunity if the Claim were brought against Contractor directly, except for costs incurred by the County in defense of a Claim. This section sets forth the full extent of Contractor's general indemnification of



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County from liabilities that are in any way related to Contractor's performance under this Contract.

- 7.2. No Indemnification from the County. Contractor shall have no rights against the County for indemnification.
- 7.3. Patent and Copyright Infringement.
- 7.3.1. Contractor will defend at its expense any suit brought against the County to the extent it is based on a third-party claim alleging that the Deliverables manufactured by Contractor or the Contractor Software ("Contractor Product") directly infringes a patent or copyright ("Infringement Claim"). Contractor's duties to defend and indemnify are conditioned upon: County promptly notifying Contractor in writing of the Infringement Claim; Contractor having sole control of the defense of the suit and all negotiations for its settlement or compromise; and County providing to Contractor cooperation and, if requested by Contractor, reasonable assistance in the defense of the Infringement Claim. In addition to Contractor's obligation to defend, and subject to the same conditions, Contractor will pay all damages finally awarded against the County by a court of competent jurisdiction for an Infringement Claim or agreed to, in writing, by Contractor in settlement of an Infringement Claim.
- 7.3.2. If an Infringement Claim occurs, or in Contractor 's opinion is likely to occur, Contractor may at its option and expense: (a) procure for the County the right to continue using the Contractor Product; (b) replace or modify the Contractor Product so that it becomes non-infringing while providing functionally equivalent performance; or (c) accept the return of the Contractor Product and grant the County a credit for the Contractor Product, less a reasonable charge for depreciation. The depreciation amount will be calculated based upon generally accepted accounting standards.
- Contractor will have no duty to defend or indemnify for any Infringement Claim that is 7.3.3. based upon: (a) the combination of the Contractor Product with any software, apparatus or device not furnished by Contractor; (b) the use of ancillary equipment or software not furnished by Contractor and that is attached to or used in connection with the Contractor Product; (c) Contractor Product designed or manufactured in accordance with the County's designs, specifications, guidelines or instructions, if the alleged infringement would not have occurred without such designs, specifications, guidelines or instructions; (d) a modification of the Contractor Product by a party other than Contractor; (e) use of the Contractor Product in a manner for which the Contractor Product was not designed or that is inconsistent with the terms of this Agreement; or (f) the failure by the County to install an enhancement release to the Contractor Software that is intended to correct the claimed infringement. In no event will Contractor's liability resulting from its indemnity obligation to the County extend in any way to royalties payable on a per use basis or the County's revenues, or any royalty basis other than a reasonable royalty based upon revenue derived by Contractor from the County from sales or license of the infringing Contractor Product.



- 7.3.4. This Section 7.3 provides the County's sole and exclusive remedies and Contractor's entire liability in the event of an Infringement Claim. The County has no right to recover and Contractor has no obligation to provide any other or further remedies, whether under another provision of this Agreement or any other legal theory or principle, in connection with an Infringement Claim.
- 7.4. Limitation of Liability. Except for Claims resulting in personal injury or death, Contractor's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, indemnification, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed Five Million Dollars (\$5,000,000). ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT NEITHER PARTY WILL BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOOD WILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS CONTRACT, THE SALE OR USE OF THE DELIVERABLES OR SOFTWARE, OR THE PERFORMANCE OF SERVICES BY CONTRACTOR PURSUANT TO THIS CONTRACT. This limitation of liability provision survives the expiration or termination of the Contract and applies notwithstanding any contrary provision.
- **§8.** CONTRACTOR PROVIDED INSURANCE. At all times during this Contract, Contractor shall obtain and maintain insurance according to the specifications listed in Exhibit I.
- §9. INTELLECTUAL PROPERTY AND CONFIDENTIALITY
- Contractor Use of Confidential Information/County Data. This Section 9.1 is subject to 9.1. the Michigan Freedom of Information Act (§ 15.231 et seq.). Each party is a disclosing party ("Discloser") and a receiving party ("Recipient") under this Contract. During the term of this Contract and for a period of three (3) years from the expiration or termination of this Contract, Recipient will (i) not disclose Confidential Information to any third party; (ii) restrict disclosure of Confidential Information to only those employees (including, but not limited to, employees of any wholly owned subsidiary, a parent company, any other wholly owned subsidiaries of the same parent company), agents or consultants who must be directly involved with the Confidential Information for the purpose of this Contract; (iii) not copy, reproduce, reverse engineer, de-compile or disassemble any Confidential Information; (iv) use the same degree of care as for its own information of like importance, but at least use reasonable care, in safeguarding against disclosure of Confidential Information; (v) promptly notify Discloser upon discovery of any unauthorized use or disclosure of the Confidential Information and take reasonable steps to regain possession of the Confidential Information and prevent further unauthorized actions or other breach of this Contract; and (vi) only use the Confidential Information as needed to fulfill this Contract.



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Recipient is not obligated to maintain as confidential, Confidential Information that Recipient can demonstrate by documentation (i) is now available or becomes available to the public without breach of this Contract; (ii) is explicitly approved for release by written authorization of Discloser; (iii) is lawfully obtained from a third party or parties without a duty of confidentiality; (iv) is known to the Recipient prior to such disclosure; or (v) is independently developed by Recipient without the use of any of Discloser's Confidential Information or any breach of this Contract.

All Confidential Information remains the property of the discloser and will not be copied or reproduced without the express written permission of the Discloser, except for copies that are absolutely necessary in order to fulfill this Contract. Within ten (10) days of receipt of Discloser's written request, Recipient will return all Confidential Information to Discloser along with all copies and portions thereof, or certify in writing that all such Confidential Information has been destroyed. However, Recipient may retain one (1) archival copy of the Confidential Information that it may use only in case of a dispute concerning this Contract. No license, express or implied, in the Confidential Information is granted other than to use the Confidential Information in the manner and to the extent authorized by this Contract. The Discloser warrants that it is authorized to disclose any Confidential Information it discloses pursuant to this Contract.

- 9.2. Contractor Use of County Licensed Software. In order for Contractor to perform this Contract, the County may permit Contractor or Contractor Employees to access certain Software licensed to the County. Contractor or Contractor Employees shall not transfer, remove, use, copy, or otherwise provide or make available any such Software or documentation to any other person or entity, for any purpose, without the prior written consent of the County and/or the licensor. Furthermore, neither Contractor nor Contractor Employee shall produce a source listing, decompile, disassemble, or otherwise reverse engineer any copyrighted Software. Neither Contractor nor Contractor Employee shall use any Software contrary to the provisions of any applicable software license agreement or state or federal law. County is solely responsible for obtaining the required consent and paying applicable fees of its licensors to allow Contractor or its Employees access such software.
- 9.3. Assignment of Rights. Each party owns and retains all of its proprietary rights that exist on the Effective Date. Contractor owns and retains all proprietary rights that are developed, originated, or prepared in connection with providing the Deliverables or services to County, and this Contract does not grant to County any shared development rights. At Contractor's request and expense, County will execute all papers and provide reasonable assistance to Contractor to enable Contractor to establish the proprietary rights. Unless otherwise explicitly stated herein, this Contract does not restrict a party concerning its own proprietary rights and is not a grant (either directly or by implication, estoppel, or otherwise) of a party's proprietary rights to the other party.

County acknowledges that Contractor may use and/or provide County with access to proprietary materials and derivative proprietary materials. The proprietary materials and



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the derivative proprietary materials are the sole and exclusive property of Contractor and Contractor retains all right, title and interest in and to the proprietary materials and derivative proprietary materials.

- 9.4. <u>Use of County Data.</u> If Contractor uses or possesses County Data in the performance of this Contract, then the following provisions contained in this subsection apply:
- 9.4.1. <u>Implementation of Security Measures.</u> Contractor shall implement and maintain appropriate administrative, technical, and organizational security measures to safeguard against unauthorized access, disclosure, or theft of County Data. Such measures shall be in accordance with security industry best practice and not less stringent than the measures Contractor applies to its own confidential data of similar kind. Contractor warrants it follows security industry best practices.
- 9.4.2. <u>Unauthorized Access/Disclosure or Theft of County Data.</u> Contractor shall promptly notify County in the event of unauthorized access, disclosure, or theft of County Data. Contractor shall take commercially reasonable measures to address a security breach in a timely manner to secure County Data.
- 9.4.3. Storage of County Data. Contractor shall only store and process County Data at and from data centers located within the United States. Contractor shall not and shall not permit Contractor Employees to store County Data on portable devices, including personal computers, except for devices that are used and kept only at its U.S. data centers. Contractor shall permit its Contractor Employees to access County Data remotely only as required to provide technical support.
- 9.4.4. Obligations upon Expiration, Termination or Cancellation of Contract. At the County's sole discretion, upon expiration, termination, or cancellation of this Contract, Contractor shall return County Data in a mutually agreeable format in a prompt and orderly manner or provide for the secure disposal of County Data as directed by County.

§10. GENERAL TERMS AND CONDITIONS

- 10.1. Access to County Property or Facilities. As set forth in this Contract, Contractor has access to and the right to use County property and facilities necessary to perform this Contract. Unless otherwise provided in this Contract or Contractor receives prior written permission from the County's Director of Facilities Management or successor, Contractor may only access and use County property and facilities for performance of this Contract on Business Days.
- 10.2. <u>Signs on County Property or Facilities.</u> Contractor shall not place any signs or advertisements on County property or facilities without the prior written permission of the County's Director of Facilities Management or successor.
- 10.3. <u>Use of County Property or Facilities.</u> While performing this Contract, Contractor shall keep County property or facilities and anything stored thereon in a clean, safe, and healthful condition and shall keep the property and facilities in a manner that will not prevent or



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interfere with the County's performance of its functions. Contractor disclaims any and all responsibility for the actions or omissions of third parties.

- 10.4. Removal of Contractor Personal Property. At the expiration or termination of this Contract, Contractor shall leave County property or facilities in the same condition that Contractor found them, and clean of all rubbish, except for authorized alterations or damage and rubbish caused by third parties. Contractor shall remove all of its personal property within thirty (30) Days of expiration or termination of this Contract. Unless otherwise agreed, if Contractor does not remove its personal property within the thirty (30) Day period, then the County shall dispose of it and bill Contractor for any costs associated with the removal and disposal.
- Damage to County Property or Facilities. Contractor shall be responsible for tangible property damage to any County property or a facility that is caused directly or indirectly from the acts or omissions of Contractor or Contractor Employees while performing its responsibilities. If damage occurs, the County shall make the necessary repairs and/or replacements or cause a third party to make the necessary repairs or replacements, provided, however, that Contractor shall reimburse the County for all reasonable and verifiable costs associated with repairing and/or replacing the damaged property or facilities.
- 10.6. **Damage to Contractor Property.** Contractor shall be solely liable and responsible for any property loss or damage resulting from fire, theft, or other means to Contractor's personal property located, kept, or stored on or at County property or facilities during performance of this Contract.
- 10.7. County's Right to Suspend Contract Performance. Upon written notice, the County may require Contractor to suspend performance of this Contract if Contractor has failed to comply with federal, state, or local laws or any requirements contained in this Contract. The right to suspend performance of this Contract is in addition to the County's right to terminate and/or cancel this Contract. The County shall incur no penalty, expense, or liability to Contractor if the County suspends performance of this Contract under this Section.
- 10.8. <u>Discrimination</u>. Contractor shall not discriminate against any employee or applicant for employment in violation of state or federal law.
- 10.9. Conflict of Interest. Pursuant to Public Act 317 and 318 of 1968, as amended (MCL 15.301, et seq. and MCL 15.321, et seq.), no contracts shall be entered into between the County and any County Agent. To avoid any real or perceived conflict of interest, Contractor shall identify any Contractor Employee or relative of Contractor's Employees who are presently employed by the County. Contractor shall give the County notice if there are any County Agents or relatives of County Agents who are presently employed by Contractor.
- 10.10. <u>Access and Records</u>. Contractor will maintain accurate books and records in connection with performance of this Contract for thirty-six (36) months after the end of this Contract.



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Upon request, Contractor shall provide the County with reasonable access to only those books and records directly pertinent to the Contract. Under no circumstance will Contractor be required to disclose any Contractor Employee personally identifiable information or information related to Contractor's costs in providing the Deliverables, and information used to establish County's pricing.

- Audit. The County or an independent auditor hired by the County may perform contract 10.11. audits (in its sole discretion) and shall have the authority to access all directly pertinent records and data and to interview any Contractor Employee working on the Contract during the term of this Contract and for a period of three years after final payment. County acknowledges and will ensure that any independent auditor acknowledges that during the course of the audit, Confidential Information and other Proprietary Information of the Contractor or Contractor Employees that is not directly pertinent to this Contract may be exposed. County agrees and will require independent auditor to agree not to consider or disclose such information. Contractor shall explain any audit findings, questioned costs, or other Contract compliance deficiencies to the County within thirty (30) Business Days of receiving the draft audit report. Contractor's written response shall include all necessary documents and information that refute the draft audit report and an action plan to resolve the audit findings. A copy of Contractor's response will be included in the final report. Failure by Contractor to respond in writing within thirty (30) Business Days shall be deemed acceptance of the draft audit report and will be noted in the final report.
- 10.12. Assignments/Delegations/Subcontracts.
- 10.12.1. Prior Written Consent Required. Except by operation of law, neither Party may assign, delegate, or subcontract any of its duties, obligations, or rights under this Contract without the prior written consent of the other Party; provided, however, Contractor may assign this Contract to an affiliate or subsidiary as long as the affiliate or subsidiary is adequately capitalized and can provide adequate written assurances to the County that the affiliate or subsidiary can perform this Contract. The County may reasonably withhold consent, if the County determines that the assignment, delegation, or subcontract would impair performance of this Contract or the County's ability to recover damages under this Contract. Contractor shall also provide the County with adequate information to allow the County to make a determination regarding the assignment, delegation, or subcontract.
- 10.12.2. <u>Flow Down Clause Required.</u> Any assignment, delegation, or subcontract by Contractor must include a requirement that the assignee, delegee, or subcontractor will comply with the terms and conditions of this Contract to the extent applicable to the subcontracted duties. The assignment, delegation, or subcontract shall in no way diminish or impair performance of any term or condition of this Contract.
- 10.12.3. <u>Contractor Responsibility for Subcontractors.</u> If Contractor subcontracts this Contract, in whole or in part, Contractor shall remain the sole point of contact regarding all matters under this Contract and shall remain liable for performance of this Contract. Contractor is solely responsible for the management of subcontractors.



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- 10.12.4. <u>Performance Required.</u> If a subcontractor fails to perform as required under this Contract, Contractor shall contract with another entity for such performance. Any additional costs associated with securing another subcontractor shall be the sole responsibility of Contractor.
- 10.13. Non-Exclusive Contract. This Contract is a non-exclusive agreement. No provision in this Contract limits or is intended to limit, in any way, Contractor's right to offer and provide its services to the general public, other business entities, municipalities, or governmental agencies during or after the term of this Contract. Similarly, the County may freely engage other persons to perform the same work that Contractor performs. Except as provided in this Contract, this Contract shall not be construed to guarantee Contractor or any Contractor Employee any fixed or certain number of Deliverables.
- 10.14. **No Third-Party Beneficiaries**. Except as provided for the benefit of the Parties, this Contract does not and is not intended to create any obligation, duty, promise, contractual right or benefit, right to be indemnified, right to be subrogated to the Parties' right in this Contract, or any other right in favor of any other person or entity.
- 10.14.1. <u>Survival of Terms and Conditions</u>. The following terms and conditions shall survive and continue in full force beyond the termination or cancellation of this Contract (or any part thereof) until the terms and conditions are fully satisfied or expire by their nature: Section 1. Contract Definitions, Section 5. Scope of Deliverables and Financial/Payment Obligations, Section 6. Contractor's Warranties and Assurances, Section 7. Liability, Section 8. Contractor Provided Insurance, Section 9. Intellectual Property and Confidentiality, and Section 10. General Terms and Conditions.
- 10.15. <u>Reservation of Rights.</u> This Contract does not, and is not intended to impair, divest, delegate, or contravene any constitutional, statutory, or other legal right, privilege, power, obligation, duty, or immunity of the County.
- 10.16. Compliance with Laws. Both parties shall comply with all applicable federal, state, and local laws, statutes, ordinances, regulations, insurance policy requirements, and requirements applicable to its activities under this Contract. Both parties will be responsible for their respective obligations to comply with rules and regulations promulgated by the FCC or other governmental body related to the operation of the 911 system. Each party disclaims any and all liability for such compliance obligations of the other party.
- 10.17. Force Majeure. Notwithstanding any other term or condition of this Contract, neither Party shall be liable for failure to perform contractual duties or obligations caused by events beyond their reasonable control, including but not limited to: (a) acts of public enemies; (b) natural disasters; (c) terrorism; (d) war; (e) insurrection or riot; (f) natural disasters; (g) strikes, lockouts, work stoppages, or other labor difficulties; (h) compliance with law; or (i) an act of a governmental entity. Reasonable notice shall be given, but in no event later than thirty (30) days, to the affected Party of such event.



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- 10.18. **Notices**.
- 10.18.1. Written Notice. All notices required under this Contract shall be in writing. Notices shall be effective: (a) the next Business Day, if personally delivered; (b) the third Business Day, if sent by U.S. mail, postage prepaid, return receipt requested; (c) the next Business Day, if sent by a nationally recognized overnight express courier with a reliable tracking system; or (d) the next Business Day with a receipt of confirmation, if sent by e-mail or fax.
- 10.18.2. <u>Notice to Contractor</u>. Unless otherwise specified, Notice to Contractor shall be addressed to the Contract Administrator listed on the first page of this Contract.
- 10.18.3. <u>Notice to County.</u> Unless otherwise specified herein, Notice to the County shall be addressed to Purchasing, the County Project Manager (if applicable), and the County Contract Administrator(s) listed on the first page of this Contract.
- 10.19. Captions. Section and subsection numbers, captions, and any index to sections or subsections contained in this Contract are intended for the convenience of the reader and are not intended to have any substantive meaning and shall not be interpreted to limit or modify any substantive provisions of this Contract. In this Contract, for any noun or pronoun, use of the singular or plural form, use of the nominative, possessive, or objective case, and any reference to gender (masculine, feminine, and neuter) shall mean the appropriate form, case, or gender as the context requires.
- 10.20. Waiver. Waiver of any term or condition under this Contract must be in writing and notice given pursuant to this Contract. No written waiver, in one or more instances, shall be deemed or construed as a continuing waiver of any term or condition of this Contract. No waiver by either Party shall subsequently affect its right to require strict performance of this Contract.
- 10.21. <u>Cumulative Remedies</u>. Except as otherwise specified, a Party's exercise of any remedy shall not preclude the exercise of any other remedies, all of which shall be cumulative. A Party shall have the right, in its sole discretion, to determine which remedies are to be exercised and in which order.
- 10.22. **Severability.** If a court of competent jurisdiction finds a term or condition of this Contract to be illegal or invalid, then the term or condition shall be deemed severed from this Contract. All other terms or conditions shall remain in full force and effect.
- 10.23. <u>Dispute Resolution</u>. All disputes arising under or relating to the execution, interpretation, performance, or nonperformance of this Contract involving or affecting the Parties may first be submitted to the respective Project Manager (if applicable) and Contract Administrators for possible resolution.
- 10.24. Governing Laws/Consent to Jurisdiction and Venue. This Contract shall be governed, interpreted, and enforced by the laws of the State of Michigan. Except as otherwise required by law or court rule, any action brought to enforce, interpret, or decide any Claim arising under or related to this Contract shall be brought in the Sixth Judicial Circuit Court of the State of Michigan, the 50th District of the State of Michigan, or the United States



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District Court for the Eastern District of Michigan, Southern Division, as dictated by the applicable jurisdiction of the court. Except as otherwise required by law or court rule, venue is proper in the courts set forth above. The choice of forum set forth above shall not be deemed to preclude the enforcement of any judgment obtained in such forum or taking action under this Contract to enforce such judgment in any appropriate jurisdiction.

10.25. Entire Contract. This Contract, including Exhibits, represents the entire agreement and understanding between the Parties. This Contract supersedes all other prior oral or written understandings, communications, agreements, or contracts between the Parties. The language of this Contract shall be construed as a whole according to its fair meaning and not construed strictly for or against any Party. This Contract may be executed in multiple counterparts, each of which shall be an original and all of which shall constitute one and the same instrument. A facsimile copy or computer image, such as a PDF or tiff image, or a signature shall be treated as and shall have the same effect as an original signature. In addition, a true and correct facsimile copy or computer image of this Contract shall be treated as and shall have the same effect as an original signed copy of this document.



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EXHIBIT I INSURANCE REQUIREMENTS

During this Contract, the Contractor shall provide and maintain, at their own expense, all insurance as set forth and marked below, protecting the County against any Claims, as defined in this Contract. The insurance shall be written for not less than any minimum coverage herein specified.

Primary Coverages

Commercial General Liability Occurrence Form including: (a) Premises and Operations; (b) Products and Completed Operations (including On and Off Premises Coverage); (c) Personal and Advertising Injury; (d) Broad Form Property Damage; (e) Independent Contractors; (f) Broad Form Contractual including coverage for obligations assumed in this Contract;

\$1,000,000 – Each Occurrence Limit \$1,000,000 – Personal & Advertising Injury \$2,000,000 – Products & Completed Operations Aggregate Limit \$2,000,000 – General Aggregate Limit

\$ 100,000 - Damage to Premises Rented to You (formally known as Fire Legal Liability)

Workers' Compensation Insurance with limits statutorily required by any applicable Federal or State Law and Employers Liability insurance with limits of no less than \$500,000 each accident, \$500,000 disease each employee, and \$500,000 disease policy limit.

- 1. \square Fully Insured or State approved self-insurer.
- 2. \square Sole Proprietors must submit a signed Sole Proprietor form.
- 3.

 Exempt entities, Partnerships, LLC, etc., must submit a State of Michigan form WC-337 Certificate of Exemption.

Commercial Automobile Liability Insurance covering bodily injury or property damage arising out of the use of any owned, hired, or non-owned automobile with a combined single limit of \$1,000,000 each accident. This requirement is waived if there are no company owned, hired or non-owned automobiles utilized in the performance of this Contract.

Supplemental Coverages - As Needed

- 1. **Professional Liability/Errors & Omissions Insurance, including Cyber Liability** (Consultants, Technology Vendors, Architects, Engineers, Real Estate Agents, Insurance Agents, Attorneys, etc.) with minimum limits of \$1,000,000 per claim and \$1,000,000 aggregate.
- 2. Commercial Property Insurance. The Contractor shall be responsible for obtaining and maintaining insurance covering their equipment and personal property against all physical damage.



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General Insurance Conditions

The aforementioned insurance shall be endorsed, as applicable, and shall contain the following terms, conditions, and/or endorsements. All certificates of insurance shall provide evidence of compliance with all required terms, conditions and/or endorsements.

- 1. All policies of insurance shall be on a primary basis with any other insurance or self-insurance carried by the County;
- 2. The insurance company(s) issuing the policy(s) shall have no recourse against the County for premiums and deductibles. The workers' compensation policy shall be endorsed to provide a written waiver of subrogation in favor of the County;
- 3. Any and all deductibles or self-insured retentions shall be assumed by and be at the sole risk of the Contractor;
- 4. Contractors shall be responsible for their own property insurance for all equipment and personal property used and/or stored on County property;
- 5. The Commercial General Liability and Commercial Automobile Liability policies shall be endorsed to include the County of Oakland and it officers, directors, employees, appointees and commissioners as additional insured where permitted by law and policy form;
- 6. The Contractor shall require its contractors or sub-contractors, not protected under the Contractor's insurance policies, to procure and maintain insurance with coverages, limits, provisions, and/or clauses similar to those required in this Contract;
- 7. Certificates of insurance must be provided after the County's and Contractor's execution of the Contract and must bear evidence of all required terms, conditions and endorsements; and
- 8. All insurance carriers must be licensed and approved to do business in the State of Michigan and shall have and maintain a minimum A.M. Best's rating of A- unless otherwise approved by the County Risk Management Department.

Revised September 29, 2014



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EXHIBIT II SCOPE OF CONTRACTOR DELIVERABLES AND RESPECTIVE OBLIGATIONS OF THE PARTIES

OVERVIEW

The purpose of this Statement of Work (SOW) is to clarify the responsibilities of CONTRACTOR and the COUNTY regarding the scope of work, responsibilities, product and service deliverables for the delivery of a Hosted Next Generation and State-of-the-Art NG 9-1-1 Call Handling system.

Summary

In an effort to improve call taker work-flow, processing speed, overall efficiency / lifespan and generally improve public safety with Next Generation technologies, the COUNTY desires to deploy a Hosted, Next Generation and state-of-the-art NG9-1-1 Call Handling System ("System"). The System includes, but is not limited to;

- Geo-Diverse and Redundant NG9-1-1 Hosted CallStation with Mapping Call Handling solution for the twenty-two (22) PSAP locations with a total of ninety-one and a half (91.5) call taking positions.
- Ability to connect to a NENA i3 compliant, customer provided ESINet and IP Network
- Installation of CONTRACTOR equipment in PFN / Customer provided Data Centers as directed. PFN to provide CONTRACTOR a full rack with power and prescribed network connectivity at each location
- SIP 9-1-1 call support with PIDF-LO and/or legacy ALI Query
- Serial Interfaces to CAD, Mapping, LTR, SMART 9-1-1 or other serial interfaces
- Call management and reporting services
- Support for ATIS standard Text to 911 services via the SIP/MSRP protocol
- Countywide data collection and reporting services on all 9-1-1 transactions
- System and component level monitoring, alarming, diagnostics and reporting services
- Basic GIS handling and loading services to support updates to the hosted Mapping capabilities in Call Handling as mutually agreed upon by CONTRACTOR and the COUNTY.
- All-inclusive software support, updates and upgrades for the contract term. No surprise charges
- 24/7/365 Help desk, trouble ticketing and customer support services
- Installation, testing, training, maintenance and on-site support services by CONTRACTOR and Motorola Solutions Incorporated (MSI)
- Dedicated On-Site Technician employed by MSI for the first year of service
- Project management services for the planning, design, testing, installation and operation of the systems for contract term



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Project Goals

CONTRACTOR will provide a turnkey, all-inclusive Geo-Diverse System with tightly integrated mapping capabilities (use optional) delivered over a PFN/Customer provided, managed and monitored IP transport network. CONTRACTOR will deploy the System into PFN (Peninsula Fiber Network, LLC, a provider of Telecommunications, Transport and Broadband Services) provided colocation rack space and connect to existing legacy CAMA and ALI services to get the PSAP's converted and on-line in a host-remote configuration. The COUNTY will provide the prioritized ranking of PSAPs for the initial transition. As the ESINet functional elements are ready, CONTRACTOR will assist PFN in the transition plan from Legacy Selective Routers and ALI service to a full i3 IP compliant call handling system. CONTRACTOR in cooperation with PFN, will co-locate two (2) High Availability Call Handling and Mapping platforms in Geographically Diverse locations as directed. The PFN engineered and provided routed IP transport network will be used to ingress, route, deliver, transfer calls and ANI/ALI to the identified Twenty-Two (22) PSAP's as requested. Ninety-One (91) Full CallStation positions and one (1) phone only SipStation Position will be deployed as required (see attached drawings). CONTRACTOR will only provide the hardware, software and services associated with the applicable System along with the COUNTY requested changes identified in this SOW, Exhibit V and Exhibit VI. The COUNTY also requested a price quotation to expand the system to accommodate One Hundred (100) additional concurrent users.

In addition, the System shall deliver a solution that:

- Is designed to industry standard(s) including the NENA i3 with on-going support and known total cost of ownership for the desired contract term.
- Pricing is set assuming enterprise wide participation of at least the Twenty-Two (22) PSAP's identified. More can easily be added as needed.
- Provides a redundant and highly available NG9-1-1 Call Handling platform that is designed to support core i3 functionality, both now and in the future.
- Is remotely monitored, secure, resilient, and engineered to be resistant to cyber-attack and penetration
- Provides the ability to monitor, manage and support the systems on a 24/7/365 basis
- Support Interim and i3 SIP/MSRP SMS Text-to-9-1-1 solutions.
- Provides increased fault tolerance, reliability, resiliency and disaster recovery through Redundant and Geo-Diverse host locations per PFN supplied data center co-location space.
- Provides clear demarcations of responsibility and accountability between the CONTRACTOR call handling, ESINet 9-1-1 call routing and IP network services via the PFN IP Network
- Provides Enterprise wide Real-Time Monitoring, Dashboard Reporting and MIS for the CONTRACTOR Call Handling application

General Assumptions and Conditions

The Pricing Detail (aka QEP Form) submitted to the COUNTY reflects the implementation of the Commercial-Off-The-Shelf (COTS) hardware (CONTRACTOR provided) as well as current



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CONTRACTOR software and other specified hardware. Modifications to standard product are provided ONLY in cases where explicit modification to COTS software / hardware is identified in the following Sections or the price list reflects specific cost for a specific function, otherwise this is not considered to be an obligation by CONTRACTOR to modify the standard deliverable software or hardware.

SYSTEM CAPABILITIES

System Capabilities Overview

The System shall provide all of the features and capabilities necessary to receive, handle and track all types Emergency Calls including NG-911/i3, E911 (inc.

Wireless Phase 1 and 2), basic 911, and 10-digit Emergency. The System shall provide comprehensive call control capabilities such as Answer, Mute, Hold, Conference, Transfer, Release, Flash, Redial/Recall, Speed Dial, Barge, Monitor and more. In addition to basic call handling capabilities, the System includes advanced capabilities such as Mapped ALI (GIS), Automated Call Distribution (ACD) and a Management Information System (MIS). All System features are available to all Users as standard features without additional charge.

Administrative Line Integration

CONTRACTOR includes tightly integrated Administrative capabilities that support a wide variety of interface types including SIP Trunking. The 911 answering position has complete access to Administrative lines including line appearances, separate ring groups and distinctive ringing for both Administrative calls as well as 7 digit emergency calls. This proposal includes the provision of a redundant SIP trunk interface to facilitate 9-1-1 callbacks, administrative out-dials, and potentially ten digit emergency and non-emergency inbound dialing. All call handling and control features detailed above apply to Administrative as well as Emergency calls; individual features are detailed in the RFP response.

Administrative lines and positions include additional functionality such as VoiceMail and AutoAttendant capabilities.

Automated Call Distribution (ACD)

The System shall provide Automatic Call Distribution (ACD) capabilities and associated statistical reporting as an integral part of the solution. The currently supported call distribution strategies are Round Robin and Longest Idle. Calls are presented to Call Takers using a Forced Answer or Ringing presentation. Multiple Queues membership allows the customer to define whatever combination of skills and capabilities for any particular group of users is necessary. The System supports an unlimited number of queues and groups. The System includes Ready/Not-Ready states with an automated timed Not-Ready state for Call Wrap-Up.



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TECHNICAL SERVICES

Installation Services

Installation services will include primary System engineering and installation services for the System. CONTRACTOR's professionally trained and certified staff will assume the lead technical role for all matters under Contract. The System services include a dedicated project manager, the Project Manager will work in conjunction with the technicians to meet all such expectations and requirements. *Details may be found in the sections below.*

Project Management Services

CONTRACTOR is the primary point of contact for all facets of project management and coordination. The assigned CONTRACTOR Project Manager assumes the lead role and facilitates all aspects of project management, contingent upon having a primary contact with the COUNTY. Services include, but are not limited to: complete project scheduling; pooling and allocation of resources; issue tracking; escalation and resolution; overall project reporting; and acting as the primary single point of contact for CONTRACTOR. Additional Project Management Services include necessary site visits. *Details may be found in the sections below*.

Training Services

CONTRACTOR will provide training directly to System end users and administrators as accounted for in pricing Exhibits V and VI. These courses will be provided at times and locations mutually agreed upon by CONTRACTOR and the COUNTY.

All course prerequisites, if any, must be satisfied prior to attending each class. Classes must be scheduled in the following order: Administrator, Call Taker/Agent, and Supervisor. Students that have attended Administrator Training do not need to attend the Agent or Supervisor classes for the same product. The maximum number of students per class is eight (8). CONTRACTOR sets class durations. Changes to the training schedule must be communicated to CONTRACTOR at least 20 days prior to the start of the first class. Any schedule changes communicated less than 20 days prior to the start of the first class may impact the overall project schedule. Unless otherwise stated, one trainer will provide up to eight (8) hours of instruction per business day during normal business hours, unless otherwise scheduled and mutually agreed. Training facilities must meet reasonable space, power, furnishing and network accessibility needs of the CONTRACTOR training staff and should be in place no later than one (1) day prior to the start of the first scheduled class.



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Remote Monitoring Services

CONTRACTOR will provide, install, configure, make operable, and test the Equipment and Software necessary to implement Remote Monitoring. With VPN access granted by the COUNTY, CONTRACTOR factory technicians will provide 24 hour remote monitoring of virtually all components of the system as a part of the overall support plan.

CONTRACTOR shall provide Remote Monitoring services 7 days a week, 24 hours a day for the System and/or Equipment monitored. General Equipment and System alerts, as well as specific System performance thresholds established during service plan implementation, will be continually monitored by CONTRACTOR. Anytime an alert is detected or the System performance/environment exceeds a threshold limit, Remote Monitoring is automatically notified by the System. A Support Engineer reviews all alert notifications. Where it is determined a response is required, the Support Engineer will begin the diagnostic process. The Support Engineer may employ performance monitoring and other diagnostic tools to enable the interrogation of the respective site's network, including routers, switches, workstations and servers.

On-Site Support Services

CONTRACTOR will provide a technician dedicated to the needs of the COUNTY and its system users. The technician will be employed by Motorola Solutions (MSI) with all typical employment costs borne by MSI. The technician will be on- site 40 hours per week for 50 weeks during the twelve-months starting with the commencement of the ATP of the System. The technician will be a qualified and factory trained resource to capable of providing at least first-tier technical support and on-site maintenance for the System. The technician will perform any duties related to the System, including but not limited to: user coaching, training, and configuration changes.

The COUNTY shall provide facilities and services to the technician required to perform his/her duties. These facilities include conditioned and furnished office space, and utilities (including Internet access). Further, the COUNTY shall cooperate with the technician to provide all information and access required for the technician to complete his/her duties.

Operational Workflow Management Procedure

The Parties shall create a mutually agree to Operational Workflow Management Procedure ("Procedure"), in writing, thirty (30) Days prior to acceptance testing of the System. This Procedure shall set forth the process of how the Parties will approach and conduct security management, incident management, problem management, and change management for all matters related to the Contract.

This Procedure shall also designate a single point of contact, including phone number(s) and e-mail addresses for all matters related to the Procedure. The single point of contact shall be available 24/7/365. The Parties anticipate that this Procedure will need to be changed or modified during this Contract. This Procedure may be changed or modified in writing upon mutual agreement of the



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Parties. When changing this procedure, the Parties do not need to amend the Contract as required by Section 3 of the Contract. If there are any conflicts between the Procedure and the Contact, the Contract shall control.

RESPONSIBILITIES

CONTRACTOR Responsibilities

The COUNTY has elected to purchase installation, training and support services from CONTRACTOR. To facilitate installation, training and support CONTRACTOR will perform the following tasks. Tasks include, but are not limited to, those listed below, as applicable to the System.

- Assign a Project Manager for the Project
- Conduct site visits and surveys of each site and list required remediations
- Complete System design in cooperation with the COUNTY
- Procure and stage the hardware as defined herein
- Coordinate installation and project time-lines and tasks
- Install all CONTRACTOR provided hardware including servers, racks, AIU's and networking equipment
- Provide network and software configuration parameters for non- CONTRACTOR provided, COUNTY owned workstations to access the CONTRACTOR reporting and administration tools.
- Stage and enter the system data elements needed to test and deploy the solution
- Provide and update the project schedule/plan with input from the COUNTY provided information related to the schedule as to on-site visits, installs, training and testing
- Inventory, immediately upon receipt, all material and components ordered
- Unpack, place, and install all hardware as required
- Install, correctly terminate, and successfully test all infrastructure cable, and other related communications cable necessary to properly install and operate the contracted system
- Provide for the installing and testing of all site-required cabling, including any additional cabling that may be required for training
- Provide requirements for power, space, network (routers/switches, IP addresses, cabling, LAN, WAN, bandwidth, broadband connectivity), telephony (CAMA, Admin lines), data (phone line info, ring-downs, phone soft-buttons, directories/direct links, TDD messages)
- Notify the COUNTY when there are issues (installation, training, coordination) which could potentially affect the schedule
- Provide purchased training and identify training facility requirements
- Provide and perform mutually agreeable Acceptance Test Plan
- Provide cut-over and 24 hour post cut support
- Provide Remote Monitoring
- Provide 5 years of telephone and product support, updates (in support of local technicians)
- Train, provide and support a CONTRACTOR on-site technician for one year
- Coordinate orders with the LEC based on a LOA from the COUNTY



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COUNTY Responsibilities

Responsibilities shall include, but are not limited to:

- Provide, on request, information, data, records and documents, and make such decisions in a
 prompt and timely manner as may be reasonably required by CONTRACTOR to perform under
 this Contract
- Use reasonable efforts to provide supporting information to aid in the solution of any problems discovered during installation, implementation or post installation phases of this project
- Provide appropriate schedule notification and facility availability for CONTRACTOR on-site services and training
- Notify and coordinate schedule changes with CONTRACTOR, which may require a Change Order or Amendment (and potentially additional charges) dependent upon the change
- Assume sole responsibility for the accuracy and completeness of COUNTY-supplied data
- Provide a dedicated 30 amp 110V power outlet for the facilities and appropriate grounding, or as
 determined by the site survey, for the proper operation of the emergency telephone and computer
 systems described herein
- Provide a routed IP network among all the PSAP and datacenter sites meeting the CONTRACTOR requirements for bandwidth and network quality as well as redundancy and failover as desired.
- Assume full responsibility for mutually approved base map file, including, but not limited to: X / Y coordinates, structure address, street centerlines, ESN boundaries, City boundaries; maintain this file and use it to update the System
- Updates to the base map file, performed by personnel designated, will be transferred to the system per CONTRACTOR instructions
- Provide the physical facilities reasonably required for the installation, testing, implementation, training and support of the System
- Provide a floor plan outlining where CONTRACTOR provided equipment is to be installed and position numbers for call taker, dispatch, and supervisor positions
- Ensure the operating environment is fully functional and meets CONTRACTOR minimum operating requirements
- Provide the applicable broadband service for the CONTRACTOR Virtual Private Network (VPN) for remote monitoring, support and troubleshooting connectivity
- Identify CAMA trunks, administrative lines and other PSTN connections in each PSAP at least 14 days prior to installation start date
- Identify two (2) ALI circuit connections in one or more PSAPs at least 14 days prior to installation start date
- Provide facility specific work and activity, including, but not limited to, construction, core drilling, grounding and any electrical or conduit needed to support the implementation
- Assist CONTRACTOR in securing any required security clearances, identification tags and other requirements for access to areas within the facility necessary for CONTRACTOR personnel to complete their project responsibilities under this agreement
- Provide connectivity to one or more network clocks.



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- Document and supply configuration information on the existing CPE
- Identify a System Administrators who will be responsible for the day-to- day operations of the system such as reports and configuration.
- Provide a direct point of contact at each PSAP and datacenter location
- Provide secure storage of and access to all Equipment prior to CONTRACTOR's arrival on site.
- If applicable, submit custom IP and computer naming conventions to CONTRACTOR at least 30 days prior to the scheduled Equipment ship date
- Assume responsibility for or contract with CONTRACTOR for the disposal of all equipment and cable being replaced by the System
- Assume responsibility for all material and services not specifically contracted through CONTRACTOR
- Anticipate and plan for configuration changes and/or fine-tuning to the various CONTRACTOR
 products installed once the system is placed and in use
- Assume responsibility for any COUNTY access via existing COUNTY networks to remotely accessible tools such as WebAccessory and AdminiStation.
- Provide facilities, utilities and cooperation to the on-site CONTRACTOR technician.
- Provide a Letter of Agency (LOA) to CONTRACTOR to enable direct interaction with the Local Exchange Carrier (LEC) on behalf of the COUNTY
- Contract for and maintain responsibility for any Administrative telephony services to include POTS, PRI and/or SIP Trunk services.
- Ensure all SIP Trunk services are delivered with a point of demarcation at either or both of the Datacenter locations.

This SOW does not include; historical database conversion, third-party software or hardware configuration, GIS data creation, merging or manipulation, or any other service not typically included in the standard CONTRACTOR turn-key staging and installation process.

PSAP Responsibilities

PSAPs shall provide facilities meeting the following requirements:

- Secure equipment room within the PSAP location
- 3ft x 4ft wall board space for a small wall-mount rack
- Dedicated 20 Amp/110 Volt electrical circuit and breaker
- Redundant electrical circuits for facilities with redundant network connections
- Relevant Trunk and Line demarcs within 25ft of equipment location
- Ground rod or plane within 15ft of equipment location
- HVAC to maintain temperature between 35F and 70F
- HVAC headroom to support a minimum 1700 Additional BTU/hr
- Accessible to CONTRACTOR Employees



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NETWORK REQUIREMENTS

The COUNTY will contract with a third-party to provide to a network connecting the various PSAPs to the Geo-Diverse Data Centers. The network will need to meet the CONTRACTOR requirements, provided separately, for bandwidth and network quality. The provided network will need to include IP layer services including addressing and routing, to include edge routers. The routing solution will meet the failover and redundancy needs of the deployment.

Specifically, the network should provide both WAN side and LAN side redundancy protocols. The network provider will need to supply redundant routers (where applicable) with separate copper IP Addressable Ethernet handoffs to be terminated into CONTRACTOR provided redundant Ethernet switches. The redundant router address will be provided by CONTRACTOR to all CONTRACTOR provided PSAP equipment as the default gateway. CONTRACTOR will employ Rapid Spanning Tree Protocol (rSTP) for Ethernet switch redundancy, as applicable. To facilitate call audio quality, CONTRACTOR requires support for recognition and/or transmutation of CONTRACTOR's IP Differentiated Services (DiffServ) tags from the LAN to whatever QoS technology will be used in the WAN environment. If the WAN will not support any type of QoS, it will be advisable for the edge routers to implement a method of traffic shaping. To accommodate the CONTRACTOR Centralized Configuration Management (CCM) system, CONTRACTOR requires DHCP forwarding (with Option 82) from the remote LANs to the CONTRACTOR CPE Host servers (unicast). The forwarding should be configured to support redundancy between the data centers.

TESTING and ACCEPTANCE

An Acceptance Test Plan (ATP) will be created by CONTRACTOR to accomplish the detailed testing of the functionality of the System components. The ATP shall describe the functional components to be tested to achieve System acceptance. Once all System components are installed and operational for this configuration, these procedures will be used to demonstrate the conformance of the hardware and applications to this SOW. The COUNTY will be responsible for execution of the ATP, with support from CONTRACTOR.

ATP Overview

A representative from CONTRACTOR and at least one COUNTY representative will perform each test within the ATP. Upon completion of each portion of the ATP, a COUNTY representative conducting the tests will sign and date each section, representing acceptance of that portion of the ATP. If any problems are detected during the execution of the ATP, a System deficiency hot list will be created to document all exceptions to the ATP based upon mutual agreement by the COUNTY and CONTRACTOR. The failure of one test will not require the entire ATP to be rerun. The interrelationship of a particular test to other features will determine the number of items to be re-



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tested under the purview of the ATP. In any event, the re-running of the ATP, or any portion of the ATP, will occur immediately after problem resolution. Upon a satisfactory correction of any and all hot list items, the COUNTY will grant "Final Test Acceptance Approval."

Hot List Resolution

Any and all identified System related deficiencies discovered during the execution of the ATP will be documented on a Punch List. Recording these items on a documented ATP acceptance form will allow the Project Managers to track any project related deficiencies and expedite a satisfactory resolution. The purpose of the System punch list is to identify and document mutually agreed- upon System deficiencies. Once the Punch List is mutually acceptable, the COUNTY will grant system acceptance using the Final System Acceptance Agreement form.

Project Closeout

Following system acceptance and completion of the Punch List Resolution, the project will be closed out. This will involve completion of all paperwork and payments.

ASSUMPTIONS

All tasks included in this SOW are estimated based on a typical level of effort for tasks of similar projects and are believed appropriate based upon the information provided by the COUNTY. During the initial project planning phase, each project task will be verified based on the estimated number of man-hours and associated task dependencies. Each of these tasks will be dependent on the appropriate resources being made available by the COUNTY. If additional hours are identified or required by the COUNTY in order to complete the project, the COUNTY Project Manager will send a request to the CONTRACTOR project manager in order to execute a Change Order or Amendment to the Contract.

Scheduling - Lead Times, Modifications, and Service Days/Hours

Services shall be provided according to staff availability and standard lead times, which average four to six weeks. Special requests shall be considered and accommodated where appropriate. Such requests include modifications to an existing schedule, less than typical lead-time for service, non-standard business days or hours of operation, and/or any other factor that may contribute to other-than-expected project-related costs. CONTRACTOR will use commercially reasonable efforts to minimize disruption to the COUNTY activities, including performing maintenance activities outside of normal business hours as resource availability allows.



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PRICING

Pricing for the Contract is listed in Exhibit V and/or Exhibit VI.

IMPLEMENTATION SCHEDULE

CONTRACTOR, in cooperation with the COUNTY, will develop a mutually acceptable implementation schedule that will be used to manage the project.

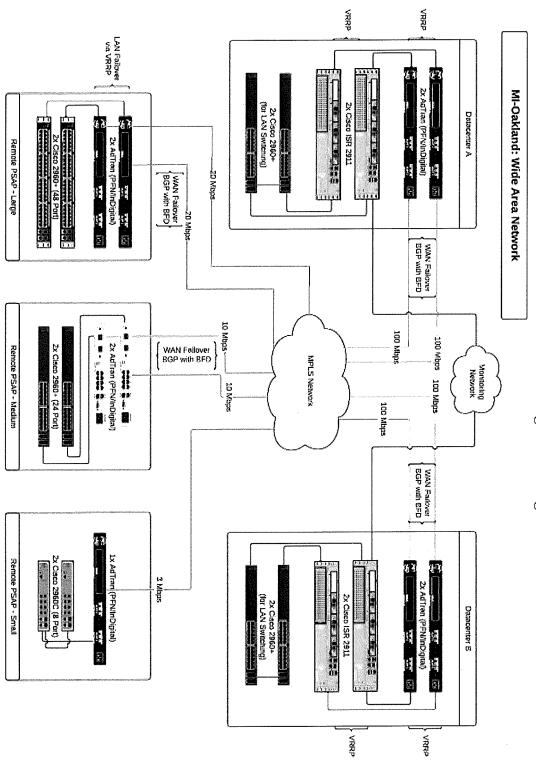
CONFIGURATION DIAGRAM

A configuration diagram of the System is provided as Attachment A and changes to this diagram will be coordinated with the COUNTY.



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Attachment A – Configuration Diagrams



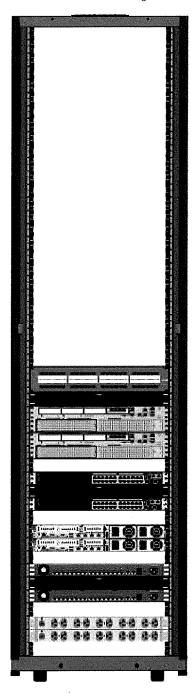
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MI-Oakland: Host Cabinet Elevation

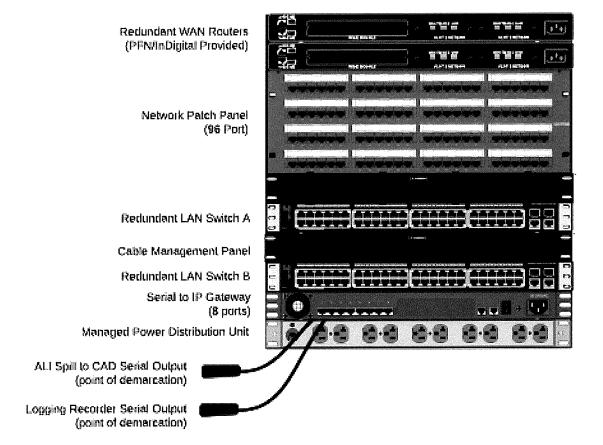
Hosted Call Handling





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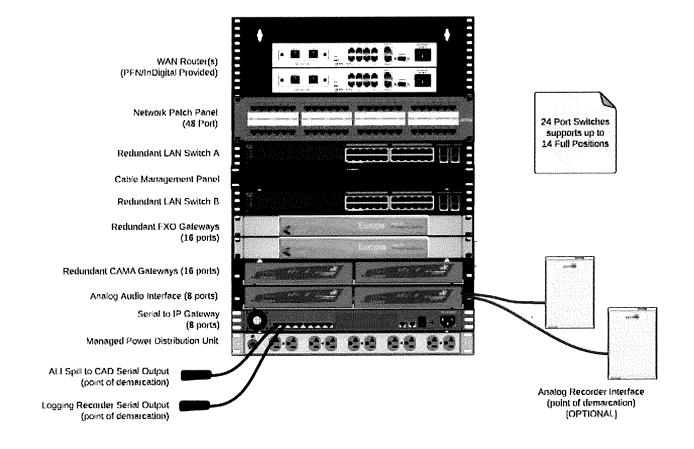
MI-Oakland: Remote PSAP - Large





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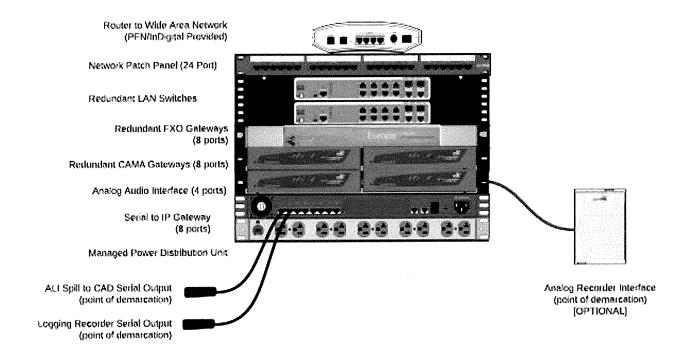
MI-Oakland: RemotePSAP - Medium - Medium





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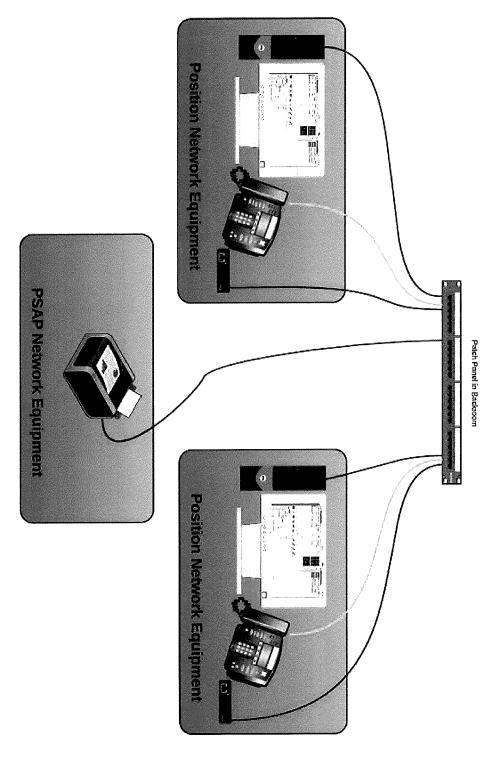
Oakland County MI: Remote PSAP Backroom - Small





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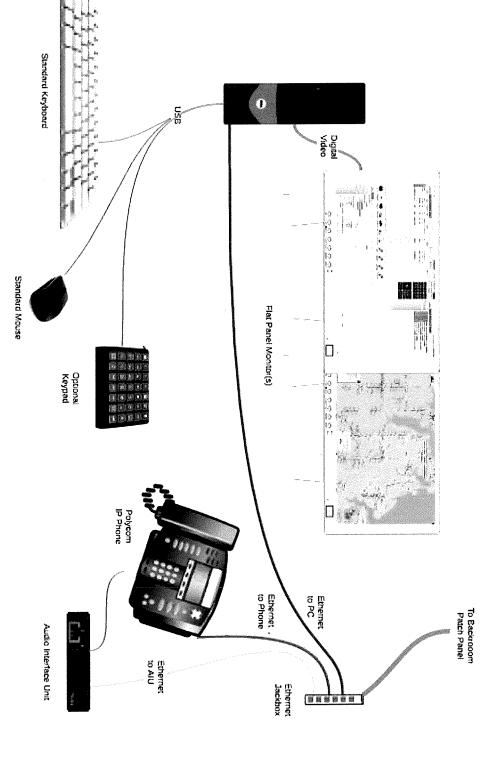
Dispatch Area Local Area Network





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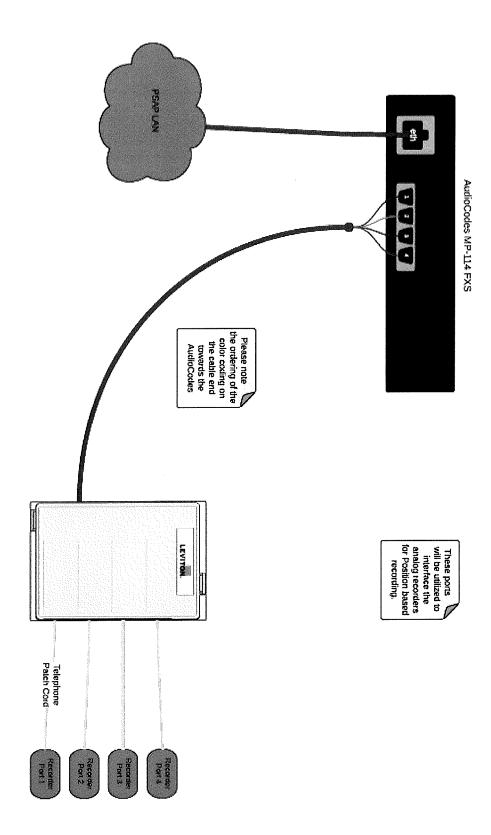
Call Taking Workstation Detail





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Analog Position Audio Output

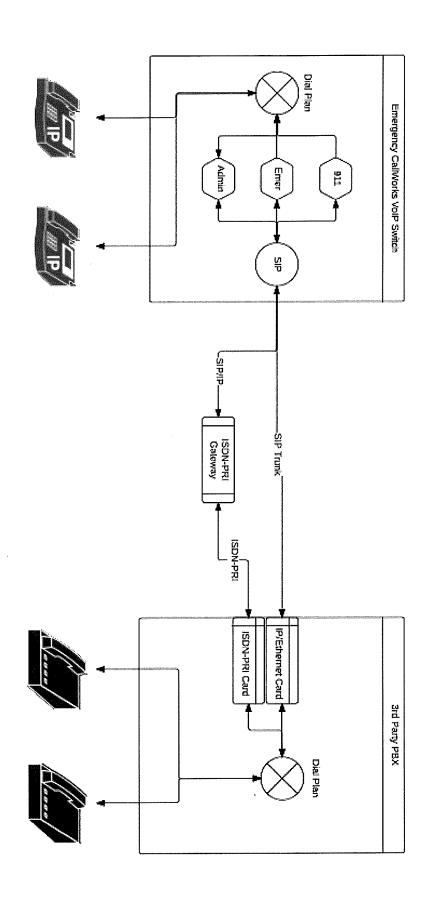


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ECW PBX Integration Options





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EXHIBIT III SOFTWARE LICENSE AGREEMENT

This Exhibit III Software License Agreement ("Agreement") is between Contractor and the County ("Licensee").

For good and valuable consideration, the parties agree as follows:

Section 1 DEFINITIONS

- 1.1 "Designated Products" means Deliverables provided by Contractor to Licensee with which or for which the Software and Documentation is licensed for use.
- 1.2 "Documentation" means product and software documentation that specifies technical and performance features and capabilities, and the user, operation and training manuals for the Software (including all physical or electronic media upon which such information is provided).
- 1.3 "Open Source Software" means software with either freely obtainable source code, license for modification, or permission for free distribution.
- 1.4 "Open Source Software License" means the terms or conditions under which the Open Source Software is licensed.
- 1.5 "Primary Agreement" means the agreement to which this exhibit is attached.
- 1.6 "Security Vulnerability" means a flaw or weakness in system security procedures, design, implementation, or internal controls that could be exercised (accidentally triggered or intentionally exploited) and result in a security breach such that data is compromised, manipulated or stolen or the system damaged.
- 1.7 "Software" (i) means proprietary software in object code format, and adaptations, translations, de-compilations, disassemblies, emulations, or derivative works of such software; (ii) means any modifications, enhancements, new versions and new releases of the software provided by Contractor; and (iii) may contain one or more items of software owned by a third party supplier. The term "Software" does not include any third party software provided under separate license or third party software not licensable under the terms of this Agreement.

Section 2 SCOPE

Contractor and Licensee enter into this Agreement in connection with Contractor's delivery of certain proprietary software or products containing embedded or pre-loaded proprietary software, or both. This Agreement contains the terms and conditions of the license Contractor is providing to Licensee, and Licensee's use of the software and documentation.



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Section 3 GRANT OF LICENSE

- 3.1. Subject to the provisions of this Agreement and the payment of applicable license fees, Contractor grants to Licensee a personal, limited, non-transferable (except as permitted in Sections 4 and 7) and non-exclusive license under Contractor's copyrights and Confidential Information (as defined in the Primary Agreement) embodied in the Software to use the Software, in object code form, and use the Documentation solely in connection with Licensee's use of the Designated Products. This Agreement does not grant any rights to source code.
- 3.2. If the Software licensed under this Agreement contains or is derived from Open Source Software, the terms and conditions governing the use of such Open Source Software are in the Open Source Software Licenses of the copyright owner and not this Agreement. If there is a conflict between the terms and conditions of this Agreement and the terms and conditions of the Open Source Software Licenses governing Licensee's use of the Open Source Software, the terms and conditions of the license grant of the applicable Open Source Software Licenses will take precedence over the license grants in this Agreement. If requested by Licensee, Contractor will use commercially reasonable efforts to: (i) determine whether any Open Source Software is provided under this Agreement; and (ii) identify the Open Source Software and provide Licensee a copy of the applicable Open Source Software License (or specify where that license may be found).

Section 4 LIMITATIONS ON USE

- 4.1. Licensee may use the Software only for Licensee's internal business purposes and only in accordance with the Documentation. Notwithstanding any other provision in this Agreement to the contrary, Licensee may allow a third-party public agency or public safety agency, as defined in MCL 484.1102(cc) and (dd), who operate a primary public safety answering point or a secondary public safety answering point, as defined MCL 484.1102 (z) and (gg), to use the Software. Any other use of the Software is strictly prohibited. Without limiting the general nature of these restrictions, Licensee will not make the Software available for use by third parties on a "time sharing," "application service provider," or "service bureau" basis or for any other similar commercial rental or sharing arrangement.
- 4.2. Licensee will not, and will not allow or enable any third party to: (i) reverse engineer, disassemble, peel components, decompile, reprogram or otherwise reduce the Software or any portion to a human perceptible form or otherwise attempt to recreate the source code; (ii) modify, adapt, create derivative works of, or merge the Software; (iii) copy, reproduce, distribute, lend, or lease the Software or Documentation to any third party, grant any sublicense or other rights in the Software or Documentation to any third party, or take any action that would cause the Software or Documentation to be placed in the public domain; (iv) remove, or in any way alter or obscure, any copyright notice or other notice of Contractor's proprietary rights; (v) provide, copy, transmit, disclose, divulge or make the Software or Documentation available to, or permit the use of the Software by any third party or on any machine except as expressly authorized by this Agreement; or



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- (vi) use, or permit the use of, the Software in a manner that would result in the production of a copy of the Software solely by activating a machine containing the Software. Licensee may make one copy of Software to be used solely for archival, back-up, or disaster recovery purposes; *provided* that Licensee may not operate that copy of the Software at the same time as the original Software is being operated. Licensee may make as many copies of the Documentation as it may reasonably require for the internal use of the Software.
- 4.3. Unless otherwise authorized by Contractor in writing, Licensee will not, and will not enable or allow any third party to: (i) install a licensed copy of the Software on more than one unit of a Designated Product; or (ii) copy onto or transfer Software installed in one unit of a Designated Product onto one other device. Licensee may temporarily transfer Software installed on a Designated Product to another device if the Designated Product is inoperable or malfunctioning, if Licensee provides written notice to Contractor of the temporary transfer and identifies the device on which the Software is transferred. Temporary transfer of the Software to another device must be discontinued when the original Designated Product is returned to operation and the Software must be removed from the other device. Licensee must provide prompt written notice to Contractor at the time temporary transfer is discontinued.
- 4.4. Licensee will maintain, during the term of this Agreement and for a period of two years thereafter, accurate records relating to this license grant to verify compliance with this Agreement. Subject to the Michigan Freedom of Information Act (§ 15.231 et seq.), Contractor or an independent third party ("Auditor") may inspect Licensee's premises, books and records, upon reasonable prior notice to Licensee, during Licensee's normal business hours and subject to Licensee's facility and security regulations. Contractor is responsible for the payment of all expenses and costs of the Auditor. Any information obtained by Contractor and the Auditor will be kept in strict confidence by Contractor and the Auditor and used solely for the purpose of verifying Licensee's compliance with the terms of this Agreement.

Section 5 OWNERSHIP AND TITLE

Contractor, its licensors, and its suppliers retain all of their proprietary rights in any form in and to the Software and Documentation, including, but not limited to, all rights in patents, patent applications, inventions, copyrights, trademarks, trade secrets, trade names, and other proprietary rights in or relating to the Software and Documentation (including any corrections, bug fixes, enhancements, updates, modifications, adaptations, translations, de-compilations, disassemblies, emulations to or derivative works from the Software or Documentation, whether made by Contractor or another party, or any improvements that result from Contractor's processes or, provision of information services). No rights are granted to Licensee under this Agreement by implication, estoppel or otherwise, except for those rights which are expressly granted to Licensee in this Agreement. All intellectual property developed, originated, or prepared by Contractor in connection with providing the Software, Designated Products, Documentation or related services, remains vested exclusively in Contractor, and Licensee will not have any shared development or other intellectual property rights.



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Section 6 LIMITED WARRANTY; DISCLAIMER OF WARRANTY

- 6.1. Unless otherwise stated in the Primary Agreement, the commencement date and the term of the Software warranty will be a period of ninety (90) days from Contractor's shipment of the Software (the "Warranty Period"). If Licensee is not in breach of any of its obligations under this Agreement, Contractor warrants that the unmodified Software, when used properly and in accordance with the Documentation and this Agreement, will be free from a reproducible defect that eliminates the functionality or successful operation of a feature critical to the primary functionality or successful operation of the Software. Whether a defect occurs will be determined by Contractor solely with reference to the Documentation. Contractor does not warrant that Licensee's use of the Software or the Designated Products will be uninterrupted, error-free, completely free of Security Vulnerabilities, or that the Software or the Designated Products will meet Licensee's particular requirements. Contractor makes no representations or warranties with respect to any third party software included in the Software. Notwithstanding, any warranty provided by a copyright owner in its standard license terms will flow through to Licensee for third party software provided by Contractor.
- 6.2 Contractor's sole obligation to Licensee and Licensee's exclusive remedy under this warranty is to use reasonable efforts to remedy any material Software defect covered by this warranty. These efforts will involve either replacing the media or attempting to correct significant, demonstrable program or documentation errors or Security Vulnerabilities. If Contractor cannot correct the defect within a reasonable time, then at Contractor's option, Contractor will replace the defective Software with functionally-equivalent Software, license to Licensee substitute Software which will accomplish the same objective, or terminate the license and refund the Licensee's paid license fee.
- 6.3. Warranty claims are described in the Primary Agreement.
- 6.4. The express warranties set forth in this Section 6 are in lieu of, and Contractor disclaims, any and all other warranties (express or implied, oral or written) with respect to the Software or Documentation, including, without limitation, any and all implied warranties of condition, title, non-infringement, merchantability, or fitness for a particular purpose or use by Licensee (whether or not Contractor knows, has reason to know, has been advised, or is otherwise aware of any such purpose or use), whether arising by law, by reason of custom or usage of trade, or by course of dealing. In addition, Contractor disclaims any warranty to any person other than Licensee with respect to the Software or Documentation.

Section 7 TRANSFERS

Licensee will not transfer the Software or Documentation to any third party without Contractor's prior written consent. Contractor's consent may be withheld at its discretion and may be conditioned upon transferee paying all applicable license fees and agreeing to be bound by this Agreement.



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Section 8 TERM AND TERMINATION

- 8.1 Licensee's right to use the Software and Documentation will begin on the Effective Date of the Primary Agreement and will continue for the life of the Deliverables with which or for which the Software and Documentation have been provided by Contractor, unless Licensee breaches this Agreement, in which case this Agreement and Licensee's right to use the Software and Documentation may be terminated immediately upon notice by Contractor.
- 8.2 Within thirty (30) days after termination of this Agreement, Licensee must certify in writing to Contractor that all copies of the Software have been removed or deleted from the Designated Products and that all copies of the Software and Documentation have been returned to Contractor or destroyed by Licensee and are no longer in use by Licensee.
- 8.3 Licensee acknowledges that Contractor made a considerable investment of resources in the development, marketing, and distribution of the Software and Documentation and that Licensee's breach of this Agreement will result in irreparable harm to Contractor for which monetary damages would be inadequate. If Licensee breaches this Agreement, Contractor may terminate this Agreement and be entitled to all available remedies at law or in equity (including immediate injunctive relief and repossession of all non-embedded Software and associated Documentation unless Licensee is a Federal agency of the United States Government).

Section 9 Intentionally Omitted

Section 10 CONFIDENTIALITY

Licensee acknowledges that the Software and Documentation contain Contractor's valuable proprietary and Confidential Information and are Contractor's trade secrets, and that the provisions in the Primary Agreement concerning Confidential Information apply.

Section 11 LIMITATION OF LIABILITY

The Limitation of Liability provision is described in the Primary Agreement.

Section 12 NOTICES

Notices are described in the Primary Agreement.

Section 13 GENERAL

13.1. COPYRIGHT NOTICES. The existence of a copyright notice on the Software will not be construed as an admission or presumption of publication of the Software or public disclosure of any trade secrets associated with the Software.



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- 13.2. COMPLIANCE WITH LAWS. Licensee acknowledges that the Software is subject to the laws and regulations of the United States and Licensee will comply with all applicable laws and regulations, including export laws and regulations of the United States. Licensee will not, without the prior authorization of Contractor and the appropriate governmental authority of the United States, in any form export or re-export, sell or resell, ship or reship, or divert, through direct or indirect means, any item or technical data or direct or indirect products sold or otherwise furnished to any person within any territory for which the United States Government or any of its agencies at the time of the action, requires an export license or other governmental approval. Violation of this provision is a material breach of this Agreement.
- 13.3. ASSIGNMENTS AND SUBCONTRACTING. Contractor may assign its rights or subcontract its obligations under this Agreement, or encumber or sell its rights in any Software, without prior notice to or consent of Licensee.
- 13.4. GOVERNING LAW. This Agreement is governed by the laws of the United States to the extent that they apply and otherwise by the internal substantive laws of the State to which the Software is shipped if Licensee is a sovereign government entity, or the internal substantive laws of the State of Illinois if Licensee is not a sovereign government entity. The terms of the U.N. Convention on Contracts for the International Sale of Goods do not apply. In the event that the Uniform Computer Information Transaction Act, any version of this Act, or a substantially similar law (collectively "UCITA") becomes applicable to a party's performance under this Agreement, UCITA does not govern any aspect of this Agreement or any license granted under this Agreement, or any of the parties' rights or obligations under this Agreement. The governing law will be that in effect prior to the applicability of UCITA.
- 13.5. THIRD PARTY BENEFICIARIES. This Agreement is entered into solely for the benefit of Contractor and Licensee. No third party has the right to make any claim or assert any right under this Agreement, and no third party is deemed a beneficiary of this Agreement. Notwithstanding the foregoing, any licensor or supplier of third party software included in the Software will be a direct and intended third party beneficiary of this Agreement.
- 13.6. SURVIVAL. Sections 4, 5, 6.3, 7, 8, 9, 10, 11 and 13 survive the termination of this Agreement.
- 13.7. ORDER OF PRECEDENCE. In the event of inconsistencies between this Exhibit and the Primary Agreement, the parties agree that this Exhibit prevails, only with respect to the specific subject matter of this Exhibit, and not the Primary Agreement or any other exhibit as it applies to any other subject matter.
- 13.8 SECURITY. Contractor uses reasonable means in the design and writing of its own Software and the acquisition of third party Software to limit Security Vulnerabilities. While no software can be guaranteed to be free from Security Vulnerabilities, if a Security Vulnerability is discovered, Contractor will take the steps set forth in Section 6 of this Agreement.



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EXHIBIT IV MAINTENANCE AGREEMENT

This Maintenance Agreement ("Agreement") is entered into by and between Emergency CallWorks, Inc., a Corporation (hereinafter referred to as "Contractor") and the County of Oakland ("County").

RECITALS

- A. CONTRACTOR is in the business of developing, manufacturing, marketing, selling, distributing and supporting certain Public Safety Answering Point (PSAP) and dispatch products, systems and technologies.
- B. COUNTY desires CONTRACTOR to provide comprehensive on-site service and maintenance support for CONTRACTOR products (such as CallStation, DispatchStation, etc.) purchased by COUNTY. Such maintenance support includes, among other things, routine maintenance and on-site field service from time to time, as set forth herein, and in Exhibit II.

Accordingly, the Parties agree as follows:

AGREEMENT

1. TERM AND TERMINATION

1.1 **Term**

The term of the Agreement shall be for five (5) years from the expiration of the Warranty Period as defined in the Contract. This Agreement may be automatically extended on a yearly basis provided neither Party takes action to terminate this Agreement.

1.2 **Termination**

Either party may terminate this Agreement immediately, in whole or in part, for default or breach. If the default or breach is reasonably capable of cure, the non-defaulting party shall give the other party written notice and sixty (60) days to cure. CONTRACTOR shall be entitled to payment due for services rendered prior to the date of termination, and the COUNTY shall be entitled to a pro-rata refund of any pre-paid amounts for services based on a percentage of the term remaining from Section 2.1 above.

2. FEES, PAYMENT AND TAXES

2.1 Payment of Fees

Fees for services under this Agreement are set forth in Exhibits II and V and incorporated herein by reference.



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2.2 State and Local Taxes

All charges for service exclude state and local taxes levied on or measured by the Agreement or the charges for the services furnished under this Agreement. Any such tax is the obligation of the COUNTY and shall, therefore, be paid by the COUNTY. The Parties agree that the COUNTY is a governmental entity and tax exempt in certain circumstances.

3. CONDITIONS/RESPONSIBILITIES

3.1 COUNTY RESPONSIBILITIES

COUNTY agrees to the following conditions and responsibilities:

- 3.1.A. The Equipment covered by this Agreement must be provided by CONTRACTOR and in good working condition at the time this Agreement becomes effective. The Equipment may, as deemed necessary by CONTRACTOR, be subject to inspection prior to the Effective Date of this Agreement.
- 3.1.B. Preparing and maintaining the site and environment in accordance with the manufacturer's current specifications.
- 3.1.C. Allowing CONTRACTOR full and free access to the hardware and/or software during applicable service hour coverage for performing service without requiring a waiver of liability, and allowing CONTRACTOR the necessary access to the System or Equipment to perform the service.
- 3.1.D. Maintaining and installing broadband service to be used by CONTRACTOR for Remote Monitoring and local service as required. Charges incurred for use of communication facilities or service is the responsibility of COUNTY whether incurred by COUNTY or CONTRACTOR service representatives while performing service.
- 3.1.E. Providing reasonable assistance, at no cost to CONTRACTOR, in the performance of service as requested by CONTRACTOR including, access to communications facilities and service, troubleshooting guidance on CONTRACTOR software and hardware, and the temporary use of suitable media (tapes, diskettes, disk packs, etc.) as required for problem diagnosis.
- 3.1.F. Providing service personnel with the necessary work and storage space. CONTRACTOR manufacturers' service documentation, diagnostic equipment or manuals and tools remain the property of CONTRACTOR and must be delivered to CONTRACTOR upon request.



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3.1.G. Retaining the overall performance and operational responsibility for the system.

3.2 CONTRACTOR RESPONSIBILITIES/SERVICES

CONTRACTOR agrees to the following responsibilities/services:

3.2.A 24 x 7 On-Site Service

CONTRACTOR shall provide 24/7/365 Support, repair, and maintenance for the Equipment and Software with a four (4) hour on-site response time with labor expenses outlined in Schedule A and parts expenses covered by manufacturer's warranty.

3.2.B Technician Certification Requirements

All CONTRACTOR Employees providing services under this Agreement or responding to COUNTY'S request for service shall have a Factory Maintenance Certification for the Equipment being maintained, repaired, or serviced.

3.2.C Software and CONTRACTOR Data

CONTRACTOR is responsible for all Software and COUNTY data and shall implement appropriate safeguards for protection of such. CONTRACTOR shall provide on site support for the CONTRACTOR supplied Equipment and Software supplied to the locations specified in Exhibit V and CONTRACTOR approved third party software for the locations. This includes but is not limited to replacing/repairing hardware components, and loading, configuring, and troubleshooting Windows Operating System(s) at workstations, and other installed CONTRACTOR products among other tasks that may be necessary to maintain optimal system performance. CONTRACTOR is responsible for having remote support available at all times and for providing adequate guidance to on site CONTRACTOR technicians.

- 3.2.D Quarterly preventative maintenance and health checks for the Equipment and Software, scheduled with COUNTY as required.
- 3.2.E 7x24x365 Remote System Monitoring via COUNTY provided network access.
- 3.2.F Service and or repair of CONTRACTOR supplied hardware and interfaces. If hardware needs repair or replacement and is out of warranty, additional charges may apply.
- 3.2.G CONTRACTOR is responsible to respond on site, if diagnostic efforts dictate, within four hours (4) from receipt of call from COUNTY authorized



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representative. COUNTY shall contact CONTRACTOR 7x24x365, at the following number: 855.329.1911, option 3.

- 3.2.H After being dispatched by CONTRACTOR, factory technicians will notify the CONTRACTOR Technical Support representative when he arrives and just prior to leaving the site.
- 3.2.I Maintaining the necessary backup and security of the Software and any data used with the hardware.
- 3.2.J CONTRACTOR shall perform requested updates, service checks and repairs on all hardware and software components provided and installed by CONTRACTOR, including but not limited to: software updates, patches, hot fixes, antivirus, workstation computers, monitors, AIU's, VoIP Telephones, ancillary supporting equipment, routers, UPS, switches, interfaces and other such equipment as directed by CONTRACTOR technical support.
- 3.2.K CONTRACTOR shall submit a written report to COUNTY regarding the services provided during each site visit. The report shall minimally include the date, time, problem reported, technician's findings, resolution, actual time on site, and disposition. The report shall be submitted within five (5) working days of the site visit.

3.3 CRITICAL SPARE PARTS

CONTRACTOR shall be responsible for managing the process of stocking and restocking critical spare parts during the term of this Agreement at a mutually agreed upon storage site provided by the COUNTY. The COUNTY shall be responsible for the storage of critical spare parts and any storage costs. The COUNTY shall be responsible for the cost of CONTRACTOR'S acquisition of an initial inventory of critical spare parts. CONTRACTOR shall be responsible for the cost of restocking critical spare parts. Standard warranty parts will be available within two (2) business days.

3.4 **SERVICES NOT INCLUDED**

The following services are not included under this Agreement:

- 3.4.A Electrical work involving primary or secondary power sources external to the hardware, or maintenance of accessories, or other devices not furnished by CONTRACTOR.
- 3.4.B Service and/or costs connected with relocation or shipment to a new location (including packing or unpacking) of the hardware, or service which is, as determined by CONTRACTOR unsafe or impractical for CONTRACTOR to



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render because of alterations or modifications to the hardware or connections whether by mechanical or electrical means, to machines or to devices which were not present or connected on the date this contract became effective, including without limitations telecommunications or network equipment.

- 3.4.C Service in an unsafe or hazardous environment as determined by CONTRACTOR, or service that is necessitated by events or elements affecting the hardware including but not limited to humidity, temperature, power or air-conditioning which are not within the CONTRACTOR provided manufacturer's specifications as to the permissible operating condition for the hardware, or that is necessitated by other factors beyond CONTRACTOR control.
- 3.4.D Adjustment, repair or parts replacement for any of the following:
 - 3.4.D.1 Accident, neglect, tampering, misuse, improper/insufficient grounding, failure of electric power, failure of the COUNTY (or their contractors) to provide appropriate environmental conditions, relocation of hardware or software, or causes other than ordinary use;
 - 3.4.D.2 Repair or alteration, or attempted repair or alteration of any CONTRACTOR supported product (hardware and/or software) by the COUNTY (or their contractors);
 - 3.4.D.3 Connection of another machine, device, application, or interface to CONTRACTOR-supported equipment (hardware and/or software) by the COUNTY (or their contractors), which cause damage to CONTRACTOR-supported equipment;
 - 3.4.D.4 Damage or destruction caused by natural or man-made acts or disasters;
 - 3.4.D.5 Performance degradation or failures of CONTRACTOR products and/or systems due to the introduction of third-party equipment, devices, and/or software applications
 - 3.4.D.6 Cosmetic repairs; refurbishment; furnishing consumables, supplies, or accessories; making accessory changes; or adding additional devices or software applications.
- 3.4.E Any service apart from the agreed upon responsibilities herein. Fresh work is subject to additional engineering and or installation fees.



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4. **LIMITATION OF LIABILITY**

4.1 CONTRACTOR is not responsible for product failure or failure to render support, service or maintenance due to causes beyond the control of CONTRACTOR. CONTRACTOR accepts no responsibility for any software programs, data or information stored on any media or any part of any product installed, serviced or returned to CONTRACTOR or its representatives for repair. CONTRACTOR and its representatives will make a commercially reasonable effort to return CONTRACTOR product with all CONTRACTOR software programs, data, or information stored on any media intact.



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SCHEDULE - A

7 x 24 x 365 Service – 4-Hour On-Site Response Fee Sche	edule
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Yearly Fee to CONTRACTOR for 7x24x365	In accordance with
service call access to on-site support services	Exhibits II & V of the
rendered as dispatched and authorized by	Contract
COUNTY and CONTRACTOR.	

Spare Parts Kit – COUNTY Site Location(s)

One-time Fee for recommended Spare Parts on	In accordance with
QEP or RFP response list	Exhibits II and V of the
	Contract



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EXHIBIT V - OAKLAND COUNTY SITE PRICING

Summary Page First Version - Warch 34, 2016

PSAP Non-Aucuring Costs -	Number of Positions	Adles o Horse	Selfoura Suscept	antana Francisco	Planethearts Planethearts	Santon Conto	Personal purish			en adventer b	Sub-Total
	!				:	:	:				
Kestwood DC - PfN	HOSTA	\$26,636,48	\$51,306,75	\$21,189,20	\$24,007.35	\$1,045.00	\$35,022,30	5	\$-42,788.02	\$3,7302.70	\$241,256,00
Southfield DC - PFN	HOSTE	\$56,536.46	\$51,996.75	\$15,505,00	\$24,607.75	\$1,045.00	\$33,806,20	5	\$40,444.00	\$8,832.70	\$231,074,001
Oakland County Bharlif Office	E#	\$168,304.18	\$152,763.00	\$64,425,65	\$17,530,79	\$10,435,75	\$83,308.35	5.	\$113,331.60	\$13,696.98	1621, 276, 70
Opt Add 4 Pos	4	\$11 LED	\$0.00	\$11,5000.000	\$K(72.83)	\$21000	\$12,664.63	5	\$21,674.32	\$2,146.32	\$40,340.56
Postine Back-ISP	. в	\$21.00	\$50,700.00	\$24,944.96	\$10,217.57	\$10,425.75	\$25,573.32	5	\$40,207.20	\$5,959.75	\$174,228.00
FBAF Lloenses & Support	62.5	\$541,635,62	\$580 072.25	\$0.00	\$0.00	\$0.00	\$40.000	. o	\$21.00	\$0.00	\$1,230,707.67
Critical Spares	i o	\$0.00	\$20.00	\$500	\$11,467.90	\$0.00	\$0.00	0	\$U:DU	\$21.000	\$11,4957.90
CLEMB Expans	B	\$56,636.46	\$51,9896.75	\$31,055,71	\$30,368,68	\$2,000.00	\$36,35676	5	\$46,006.02	\$6,714.30	\$252,313.78
On-Bits Engineer	D	\$13.000	\$0.00	\$0.00	\$20.000	\$0.00	\$0.00	1	\$156,000 00	\$0.00	\$156,000.00
Anti-Vina	91	\$19.580.00			•	!		:	!		\$190,380,00

\$2,867,767.68

PBAP's Reduction float sites

Total (5 County Ethns):

\$2,887,287.88

Total 80 Month Offer "Cost to sid PIAPs is same as above by Position Size
"I but Year support pricing will apply for duration of Oo-like Engineer
"PRAP Equipment option associates will affect (notalisation and support services coals.

ment Schardete as Fokows:
Completion of Project Nichtell Neeting, scheduled ASAP
Completion of Rost Installations
Sensifications (SO Catows)
Full Strictionsity and authorisation completion of SO tratalation
Villa PSAP instalations and operation
Final Acceptance – Installation and operations



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System Configurations Two (2) Geo-Diverse, Duel Cluster / Redundent / Federated and Highly Available controllers Two (2) Geo-Diverse, Duel Cluster / Redundent / Federated and Highly Available controllers Septiment Connection to PFN vie i3 Standard ESinet Connection to PFN vie i3 Standard Yr. 3pt.	Kentwood DC - PFN 8-olution being Delivered: Calistation
(89) NG9-1-1 Positions with Dual 22" LCD, (1) Phone Only Positions, (8) Admin Positions ESinat Connection to PFN via 13 Standard Turnkey Services from ECW, including Local Support Syear Software Support, HelpDesidRemote support, Monitoring Editated Local Project Technician, First Year of Warranty Qty Part Number Telecom / Hardware Based Components (100) Unit P 1 ECC100110-HAPF ECX Dual Server, Federated App. Assem., HA \$29,500 Hardware Sub-Total Qty Part Number Software Components (200) Unit P 1 ECC100009 SIPWCRKS Enterprise, (3/IP INTERFACE License \$79,99: Software Sub-Total Qty Part Number Custom Services - Interfaces - Map Data (400) Unit P 10 ECX400004 CONFRE/STASING \$111 Custom Services Sub-Total Qty Part Number Peripheral-Miscellaneous Equipment (500) Unit P 1 ECX500002 HOST RACK CONFRE. KIT, 19", CUST PROV. RACK \$4,900 2 ECX5000052 ROUTER, CISCO, 24-PORT POE, 10/107/1000 \$2,69- 2 ECX5000052 ROUTER, CISCO, 3 WAN ENTERPRISE/2911 \$4,100 2 ECX500007 MISC. MAT., CASCO, 18 Port, Remote \$2,200 2 ECX500008 All MOSCM, ES11 CSU(050) 2 ECX500017-8 IP to Serial Det., 8 Port, Remote \$2,200	Kentwood DC - PFN 8-olution being Delivered: Calistation
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Custom Services Sub-Total Peripheral-Miscellaneous Equipment (590) Unit P 1 EDES00002 HÖST RACK CONFIG. KIT, 19*, CUST PROV. RACK \$4,90 2 EDES00003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,69 2 EDES00005-2 ROUTER, CISCO, 3 WAN ENTERPRISE/2911 \$4,10 1 EDES00007 MESC. MAT., CABLES, LOT \$1,80 2 EDES00008 AL1 MODEM, E911 CSU/DSU \$2,20 2 EDES00017-8 IP to Serial Dist., 8 Fort, Remote \$2,28	
Qty Part Number Peripheral-Miscellaneous Equipment (500) Unit P 1 ECx500002 HOST RACK CONFIG. KIT, 19*, CUST PROV. RACK \$4,90 2 ECx500003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,69 2 ECx500005-2 ROUTER, CISCO, 3 WAN ENTERPRISE/2911 \$4,10 1 ECx500007 MESC. MAT., CABLES, LOT \$1,80 2 ECx500008 AL1 MODEM, E911 CSU/DSU \$2,20 2 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,28	\$1.100.00 \$1.64
1 EDIS00002 HÖST RACK CONFIG. KIT, 19*, CUST PROV. RACK \$4,900 2 EDIS00003 SWITTCH, CISCO, 24-PORT POE, 10/100/1000 \$2,690 2 EDIS00005-2 ROUTER, CISCO, 24-PORT POE, 10/100/1000 \$4,690 1 EDIS00007 MISC. MAT., CABLES, LOT \$1,800 2 EDIS00008 ALI MODEM, E911 CSU/1058 \$2,200 2 EDIS00017-8 IP to Serial Dist., 8 Port, Remote \$2,280	
2 EOIS00003 SWITCH, (ISCO, 24-PORT POE, 10/100/1000) \$2,69 2 EOIS00005-2 ROUTER, CISCO , 3 WAN ENTERPRISE/2911 \$4,10 1 EOIS00007 MESC. MAT., CABLES, LOT \$1,80 2 EOIS00008 ALI MODEM, E911 CSU/DSU \$2,20 2 EOIS00017-8 IP to Serial Dist., 8 Port, Remote \$2,28	Price U/M Ext. Price OFFER P
2 EÓIS00005-2 ROUTER, CISCO , 3 WAN ENTERPRISE/2911 \$4,100 1 EÓIS00007 MESC. MAT., CABLES, LOT \$1,800 2 EÓIS00008 ALI MODEM, E911 CSU/DSU \$2,200 2 EÓIS00017-8 IP to Serial Dist., 8 Port, Remote \$2,280	XX,00 EA \$4,900.00 \$3,46
2 EÓISD0005-2 ROUTER, CISCO , 3 WAN ENTERPRISE/2911 \$4,100 1 EÓISD0007 MESC. MAT., CABLES, LOT \$1,800 2 EÓISD0008 ALI MODEM, E911 CSU/DSU \$2,200 2 EÓISD0017-8 IP to Serial Dist., 8 Port, Remote \$2,280	H.00 EA \$5,388.00 \$3,81
1 EO:S00007 MESC. MAT., CABLES, LOT \$1,80 2 EO:S00008 ALI MODEM, E911 CSU/DSU \$2,20 2 EO:S00017-8 IP to Serial Dist., 8 Port, Remote \$2,28	
2 BDG00008 ALI MODEM, E911 CSU/DSU \$2,200 2 BDG00017-8 IP to Serial Dist., 8 Port, Remote \$2,280	XX,00 EA \$1,800.00 \$1,27
2 EC0500017-8 IP to Serial Dist., 8 Port, Remote \$2,28	XX.00 EA \$4,400.00 \$3,11
i de la la la la la la la la la la la la la	19.60 EA \$4,579.20 \$3,24
	10.00 EA \$5,760.00 \$4,07
Perlphorals / Network Sub-Tetal	\$35,039.20 \$24,607
Qty Part Number System Services (600, 700, 800) Unit P	Price U/M Ext. Price OFFER P
15 ECC700001 PROJECT MANAGEMENT, UNIT \$900	00,00 EA \$13,500.00 \$12,62
1 BOC/00002 SYSTEM INSTALLATION, PREMARY \$17,52	14.10 UN \$17,524.10 \$16,64
1 ECKBOOOO1 SYSTEM ENGINEERING, (1) Let \$5,84	11.37 UN \$5,811.37 \$5,54
Professional Services Sub-Total	\$36,865.47 \$35,02
****** TOTAL NR Charges:	\$182,899.67 \$138,680
Qty Part Number Recurring Maintenance Charges (900) Unit P	Price U/M Ext. Price OFFER P
1 BD900003 SYSTEM SUPPORT, 5 YEAR \$51,990	
4 ECX900004 ONSITE MAINTENANCE, Per YEAR \$9,49:	
1 BOGGOOG-CE ONSITE MAINTENANCE, FIRST Year \$4,819	
4 BOG00005 EXTENDED WARRANTY, Per YEAR (2-5) \$1,941	
Sub-Total Recurring Charges:	18.18 EA \$7,792.70 \$7,79
****** TUTAL COST OF OWNERSHIP: 5	18.18 EA \$7,792.70 \$7,79 \$1102,577.47 \$102,577



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		Final Version - March 21, 20	16			
Two /21 G	Configuration: Soc-Diverse Dual Gluster/	Redundant / Federated and Highly Available controllers				
		"LCD, (1) Phone Only Positions, (8) Admin Positions	Pos. Count		Site Name:	
	onnection to PFN via i3 Sta		89		Southfield DC - PFN	
	Sarvices from ECW, Includ		Yrs. 8pt.		Scoution being Delivered:	
	ntware Support, Helptresk: d Local Project Technician	Remote support, Monitoring	£		CallStation	
Ota	Part Number	Telecom / Hardware Based Components (100)	Unit Price	B/E	Pot. Prince	OFTER Price
1	ECX100110-HAEF	ECX Qual Server, Federaked App. Assem., HA, EXP.	\$21,900.00	EA.	\$21,500.00	\$15,535.20
	Hondware Sub-Total	, , ,			\$21,960.00	\$15,505.20
Oby	Port Number	Software Components (200)	Ueit Price	w.	Est. Prisos	OFFICE Price
\$00000000A, \$11 9000		SIPWORKS Enterprise, (3/IP INTERFACE Ucense	\$79,995.00	ËA	\$79,995.00	\$56,636.46
1	ECX200009	SIPMONES Emergrise, Dar Inversace Ocease	\$12,532,00	:A		\$56,636,46
	Software Sub-Total				\$79,995.00	
Qty	Part Number	Custom Services - Interfaces - Map Data (400)	Unit Price	U/M	Est. Price	OFFER Price
10	ECX400004	CONFIS/STAGING	\$110,00	UN	\$1,100.00	\$1,045.00
	Oustom Services Sub-	Total			\$1,100.60	\$1,845.80
qty	Part Number	Peripheral-Hiscellaneous Equipment (500)	Unit Price	U/E	Ext. Prilos	OFFEE Price
1	ECX500002	HOST RACK CONFIG. KIT, 19*, OUST PROV. RACK	\$4,900.00	EÁ	\$4,500.00	\$3,469.20
2	ECX500003	SWITCH, CESCO, 24-PORT POE, 10/100/1000	\$2,694.00	EA.	20.882,22	\$3,814.70
2	ECX500005-2	ROUTER, CISCO , 3 WAN ENTERPRISE/2911 MISC. MAT., CABLES, LÖT	\$4,106.00 \$1,800.00	EA EA	\$8,212.00 \$1,800.00	\$5,814.10 \$1,274.40
1 2	ECX500007 ECX500008	ALI MODEM, E911 CSN/DSU	\$2,200.00	EA	\$4,400.00	\$3,115.20
2	EO(500017-8	IP to Serial Dist., & Port, Remote	\$2,289.60	EA	\$4,579.20	\$3,242.07
2	ECX500103	UPS - Smart-UPS X 3000VA	\$2,880.00	EA	\$5,760.00	\$4,078.08
	Peripherals / Hetwork	: Sub-Total			\$35,039.20	\$24,807.75
G pA	Port Number	System Services (600, 700, 800)	Unit Price	U/M	Est. Price	OFFER Price
15	ECX700001	PROJECT MANAGEMENT, UNIT	\$900.00	EA	\$13,500.00	\$12,825.00
1 1	ECX700002 ECX800001	SYSTEM ENSTALLATION, PROMARY SYSTEM ENGINEERING, (1) LOC	\$16,564.10 \$5,521.37	UN UN	\$16,564.10 \$5,521.37	\$15,735.90 \$5,245.30
	Professional Services		. ,		\$35,585.47	\$33,806.20
****					\$173,619.67	\$131,800.61
Q by	Part Number	Recurring Halmanance Changes (900)	Unit Price	⊎/ M	Set. Price	OFFER Price
1	EC)(900003	SYSTEM SUPPORT, 5 YEAR	\$51,996.75	EA	\$51,996.75	\$51,996.75
4	ECX900004	ONSITE MAINTENANCE, PET YEAR	\$8,972.22	EA.	\$15,888.89	\$35,898.89
i	ECX900004-0E	ONSITE PAINTENANCE, FIRST YEAR	\$4,555.13	EA.	\$4,555.13	\$4,555.13
4	E0X900005	EXTENDED WARRANTY, Per YEAR (2-5)	\$1,708.18	EA	\$6,832.70	\$6,832.70
	Sub-Total Recurring C	harges:			\$99,273.47	\$99,273.47
8)474	TOTAL COST OF O	WHERSHIP:	5 1	YEAR(s	\$272,893.15	\$231,074.09



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oane nkey	Call Handling Site citvity to PFWIndigital prod Services from ECW, Local	Support	Pos. Count 17 Yrs. 8 pt.		Site Name: Seventeen Pos., Plus 15 Stations Solution being Delivered:	
	Software, remote support,		6		Calistation	
ADDRESS OF THE PARTY OF THE PAR	d Local Project Technician) Unit Price	U7.0	Ext. Price	OFFER P
Qty.	Part Number	Telecom / Hardware Based Components (100) SHE THE			1111111
17	ECX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$25,704.00	\$18,19
	ECX100101	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	\$1,512.00	EA	\$0.00	\$
	€CX100101-P	Portable ANS. Fos., Laptop/VoIP Tel./ Kit Asset.	\$3,500.00	EA	\$0.00 \$15,368.00	\$ \$10,88
34	ECX100103	MONITOR, 22WW FP, BLK	\$452.00 \$699.00	EA EA	\$13,388.00	\$10,00
	ECX100104 ECX100105-60	MONITOR, 24W* FP, BLK MONITOR, 60*, LCD TV/Monitor	\$1,800.00	EA	\$0.00	•
17	ECX100001-NS	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EA	\$22,950.00	\$16,24
32	ECX100201	POLYCOM 690 SIP PHONE	\$468,00	EA	\$14,976.00	\$10,60
	ECX100204	Keypad, Genovation 24 Key, Model 683	\$189.00	EA	\$3.00	
4	ECX100305	Media Gateway, 8 Port FXS or (CAMA) to SIP	\$1,025,00	EA	\$4,340.00 \$3,255.00	\$3,07
3	ECX100305-1	Media Gateway, 8 Port FXS (Station Rec.)	\$1,085.00 \$1,085.00	EA EA	\$3,255.00 \$4,340.00	\$2,30 \$3,00
4	ECX100311 ECX100314	Media Gateway, 8 port FXD to SIP Media Gateway, PRI to SIP	\$5,435.00	EA.	\$0.00	4-7-2-2
2	ECX100315	Rack Shelf, Media Gateway, 2 GW per Shelf	\$32,00	EA	\$64.00	\$2
			*			
	Handware Sub-Total				\$90,997.00	\$64,42
Cty .	Part Number	Scribware Components (200)	Unit: Price	U/M	Est, Price	OFFER F
17	ECX200001	CALLSTATION License	\$13,000.00 \$0.00	EA EA	\$221,000.00 \$0.00	\$156,46
1	ECX200004 ECX200006	DECISIONSTATION, SITE License ADMINISTATION, SITE License	\$0.00	EA	\$0.00	- 1
1.	ECX200000 ECX200007	MESSAGEWORKS, SITE Dounge	\$0.00	ÉΑ	\$0.00	3
15	ECX200013	SIPStation License, Per Poston	\$695.00	EA	\$10,425.00	\$7,38
	ECX200014-R	Admin PRI Interface License, PSAP	\$6,700.00	EA	\$0.00	
1	ECX200015	SIP Trunk Interface, ECW to Third Party	\$3,595,00	EA	\$3,595.00	\$2,5
	Software Sub-Total				\$235,020.00	\$166,39
Santonio (invi						
Qty.	Part Number	Custom Services - Interfaces - Map Data (400)	Unit Price	U/M	Ext. Price	OFFER
1	ECX400001	MAP CONFIG, CLISTOMER PROVIDED DATA	\$2,995.00	EA	\$2,995.00	\$2,B4
1	ECX400002	911 TELECOM CONFIG/STAGING	\$3,995.00	EA	\$3,995.00 \$3,995.00	\$3,79 \$3,79
1	ECX400002-A	admin confeg/staging	\$3,995.00	EA	, -	4-27-5
	Custom Services Sub-1	Total			\$10,985.00	\$10,43
qty.	Part Number	Peripheral-Miscellaneous Equipment (506)	Unit; Price	U/C	Est. Price	OFFER 6
1	ECX500001-9KPWsil	WALL MNT ASSM, 19", RMTE, Large (13-24)	\$2,600.00	U/M EA EA	Ext. Price \$2,600.00 \$1,750.00	\$1,8
				EA	\$2,600.00	\$1,8° \$1,23
1 5	ECX500001-94PWs/l ECX500002-PR	WALL MNT ASSM, 19", RMTE, Large (13-24) POS. BASED REC KIT - 4 Port	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00	EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,278.00	\$1,8- \$1,2: \$6,80 \$1,61
1 5 2 1	ECX500001-96PWs/l ECX500002-9R ECX500004 ECX500005-1 ECX500007	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 40-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP TRUK IF MSC MAT., CABLES, LOT	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00	EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,278.00 \$1,800.00	\$1,8- \$1,2: \$6,80 \$1,61 \$1,2:
1 5 2 1	ECX500001-96PWs/i ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1	WALL MNT ASSM, 19", RNTE, Large (12-24) POS, BASED REC MT - 4 Port SWITCH, CISCO, 48-PORT POE, 10/100/1008 ROUTER, CISCO, 2 WAN SINGLE - SIP Trurk IF MISC, MAT., CABLES, LOT PRINTER, HP Lacedel Pto 200	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00 \$496.00	EA EA EA EA EA	\$2,600.00 \$1,790.00 \$9,700.00 \$2,279.00 \$1,800.00 \$486.00	\$1,8- \$1,2: \$6,84 \$1,6: \$1,2: \$3-
1 5 2 1	ECX50001-9/#Wwil ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1 ECX500017	WALL MNT ASSM, 19", RMTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 40 PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Lazeder Pro 200 IP to Senal Dist., 16 port	\$2,600,00 \$390,00 \$4,890,00 \$2,278,00 \$1,800,00 \$496,00 \$3,267,00	EA EA EA EA EA	\$2,600.00 \$1,790.00 \$9,700.00 \$2,278.00 \$1,800.00 \$4,86.00 \$3,267.00	\$1,8- \$1,2: \$6,8: \$1,6: \$1,2: \$3- \$2,3:
1 5 2 1	ECX50001-9/FWall ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1 ECX500017 ECX500018	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. EASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP Trank IF MISC MAT., CABLES, LOT PRINTER, HP Lacedet Pro 200 IP to Serial Dist., 16 port SIP External Ringer / Horn, Single	\$2,600,00 \$3,90,00 \$4,850,00 \$2,278,00 \$1,800,00 \$496,00 \$3,267,00 \$513,00	EA EA EA EA EA EA EA	\$2,600.00 \$1,790.00 \$9,700.00 \$2,279.00 \$1,800.00 \$486.00	\$1,5 \$1,2; \$6,8; \$1,6; \$1,2; \$2,3;
1 5 2 1	ECX50001-9/#Wwil ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1 ECX500017	WALL MNT ASSM, 19", RMTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 40 PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Lazeder Pro 200 IP to Senal Dist., 16 port	\$2,600,00 \$390,00 \$4,890,00 \$2,278,00 \$1,800,00 \$496,00 \$3,267,00	EA EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,279.00 \$1,800.00 \$4,800.00 \$3,267.00 \$0.00	\$1,8 \$1,2 \$6,8 \$1,6 \$1,2 \$3 \$2,3
1 5 2 1 1	ECX50001-9/FWA/I ECX50002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1 ECX500017 ECX500018 ECX500101	WALL MNT ASSM, 19", RNTE, Large (13-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 40 PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Laceclet PTD 200 IP to Senal Det., 16 port SIP Enternal Ringer (Horn, Single UPS, APC 800VA, IWS pcs. UPS - Smart-UPS X 3000VA	\$2,600,00 \$390,00 \$4,890,00 \$2,278,00 \$1,800,00 \$496,00 \$3,267,00 \$513,00 \$295,00	EA EA EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,279.00 \$1,800.00 \$498.00 \$3,267.00 \$0.00 \$2,800.00	\$1,8 \$1,2 \$6,8 \$1,6 \$1,2 \$3 \$2,3 \$2,0
1 5 2 1 1 1 1	ECX50001-9/FWall ECX500002-PR ECX500004 ECX500007 ECX500007 ECX5000017 ECX500018 ECX500101 ECX500101	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RÖUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Laceclet Pro 200 IP to Serial Dist., 16 port SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. UPS - Smart-UPS X 3000VA	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,900.00 \$496.00 \$3,267.00 \$513.00 \$2,880.00	EA EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,278.00 \$1,800.00 \$4,800.00 \$3,277.00 \$0.00 \$2,800.00 \$2,800.00	\$1,8- \$1,2: \$6,84 \$1,6: \$2,3: \$2,0: \$37,43
1 5 2 1 1	ECX50001-9/FWA/I ECX50002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1 ECX500017 ECX500018 ECX500101	WALL MNT ASSM, 19", RNTE, Large (13-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 40 PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Laceclet PTD 200 IP to Senal Det., 16 port SIP Enternal Ringer (Horn, Single UPS, APC 800VA, IWS pcs. UPS - Smart-UPS X 3000VA	\$2,600,00 \$390,00 \$4,890,00 \$2,278,00 \$1,800,00 \$496,00 \$3,267,00 \$513,00 \$295,00	EA EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,279.00 \$1,800.00 \$498.00 \$3,267.00 \$0.00 \$2,800.00	\$1,8- \$1,2: \$6,84 \$1,6: \$2,3: \$2,0: \$37,43
1 5 2 1 1 1 1	ECX50001-9/FWall ECX500002-PR ECX500004 ECX500007 ECX500007 ECX5000017 ECX500018 ECX500101 ECX500101	WALL MAT ASSM, 19", RNTE, Large (13-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 48-PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Laceclet Pro 200 IP to Senal Dist, 16 port SIP External Ringer / Horm, Single UPS, APC BODVA, IWS pos. UPS - Smart-UPS X 3000VA SUB-Total System Senvices (600, 700, 800)	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,900.00 \$496.00 \$3,267.00 \$513.00 \$2,880.00	EA EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,278.00 \$1,800.00 \$4,800.00 \$3,277.00 \$0.00 \$2,800.00 \$2,800.00	\$1,6 \$1,2: \$6,6: \$1,2: \$3 \$2,3: \$2,0: \$17,53
1 1 1 1	ECX50001-9/FWall ECX50002-PR ECX500004 ECX500007 ECX500009-1 ECX500017 ECX500018 ECX500101 ECX500103 Pertpherals / Network	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RÖUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Laceclet Pro 200 IP to Serial Dist., 16 port SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. UPS - Smart-UPS X 3000VA	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00 \$486.00 \$3,267.00 \$513.00 \$2,880.00	EA EA EA EA EA EA EA	\$2,600.00 \$1,750.00 \$9,700.00 \$2,279.00 \$1,800.00 \$4,800.00 \$3,267.00 \$0.00 \$2,880.00 \$2,880.00 \$2,880.00 \$10,000.00 \$10,000.00	\$1,8- \$1,2: \$6,8: \$1,6: \$1,2: \$2,3: \$2,3: \$17,53 \$17,53
1521111	ECX50001-9/PWall ECX500002-PR ECX500004 ECX500007 ECX500007 ECX5000017 ECX500018 ECX500103 Portphorals / Network Part Number ECX600001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RÖUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT FRIMTER, HP Laceciet Pro 200 IP to Serial Diet., 16 port SIP Enternal Ringer / Horm, Single UPS, APC 800VA, IWS pos. UPS - Smart-UPS X 3000VA I SUB-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students)	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,900.00 \$496.00 \$3,267.00 \$513.00 \$2,880.00 \$2,880.00	EA EA EA EA EA EA EA EA EA U//*	\$2,600.00 \$41,790.00 \$9,700.90 \$2,279.00 \$1,800.00 \$496.00 \$2,277.00 \$0.00 \$0.00 \$2,800.00 \$24,761.00 \$10,000.00 \$18,000.00 \$48,838.01	\$1,6 \$1,2 \$6,8 \$1,6 \$1,2 \$2,3 \$2,3 \$2,3 \$1,7,5 \$3,5 \$1,7,5 \$1,7,5 \$1,7,5
1 5 2 1 1 1 1 1 20 2 1 1	ECX50001-9/PWall ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX5000017 ECX500018 ECX500101 ECX500101 Pertpherals / Notwest Part Number ECX600001 ECX700001 ECX700001 ECX700001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RÜLITER, CISCO, 2 WAN SINGLE - SIP TRUK IF MISC MAT., CABLES, LOT PRINTER, HP Laceder Pro 200 IP to Serial Dist., 16 port SIP External Ringer / Horn, Single UPS, APC BOOMA, IWS pos. UPS - Smart-UPS X 3000MA 1 SUb-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM BINSTALLATION, PRUMARY SYSTEM ENGINEERING, (1) Lot	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00 \$3,267.00 \$513.00 \$2,880.00 \$2,880.00 \$49,830.01 \$10,852.89	EA EA EA EA EA EA EA EA EA U/A	\$2,600.00 \$1,790.00 \$9,700.00 \$2,279.00 \$1,800.00 \$4,986.00 \$3,267.00 \$0.00 \$2,800.00 \$2,800.00 \$2,800.00 \$10,000.00 \$18,000.00 \$49,838.01 \$10,952.89	\$1,8- \$1,2- \$6,8- \$1,6- \$1,6- \$2,3- \$2,3- \$2,3- \$2,00 \$17,4-3- \$17,11 \$46,3- \$10,2- \$1
1 5 2 1 1 1 1 1 2 20 1	ECX50001-9/FWall ECX50002-PR ECX500004 ECX500005-1 ECX500007 ECX500009-1 ECX500018 ECX500101 ECX500103 Pert Number ECX600001 ECX700001 ECX700001	WALL MAT ASSM, 19", RNTE, Large (13-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 40-PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRINTER, HP Laceclet Pro 200 IP to Serial Obst., 16 port SIP Enternal Ringer (Horn, Single UPS, APC 800VA, IWS pos. UPS - Schart-UPS X 2000VA SUB-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00 \$3,267.00 \$31,267.00 \$31,307.00 \$2,850.00 \$2,850.00 \$5,000.00 \$46,838.01	EA EA EA EA EA EA EA EA EA U//*	\$2,600.00 \$41,790.00 \$9,700.90 \$2,279.00 \$1,800.00 \$496.00 \$2,277.00 \$0.00 \$0.00 \$2,800.00 \$24,761.00 \$10,000.00 \$18,000.00 \$48,838.01	\$1,8- \$1,2- \$6,8- \$1,6- \$1,6- \$2,3- \$2,3- \$2,3- \$2,00 \$17,4-3- \$17,11 \$46,3- \$10,2- \$1
1 5 2 1 1 1 1 1 20 2 1 1	ECX50001-9/PWall ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX5000017 ECX500018 ECX500101 ECX500101 Pertpherals / Notwest Part Number ECX600001 ECX700001 ECX700001 ECX700001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC MAT., CABLES, LOT FRIMTER, HP Lacedet Pro 200 IP to Senal Diet, 16 port SIP External Ringer / Horn, Single UPS, APC BOOMA, IWS pos. UPS - Smart-UPS X 3000MA SUB-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRUMARY SYSTEM ENGINEERINS, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00 \$3,267.00 \$513.00 \$2,880.00 \$2,880.00 \$49,830.01 \$10,852.89	EA EA EA EA EA EA EA EA EA U/A	\$2,600.00 \$1,790.00 \$9,700.00 \$2,279.00 \$1,800.00 \$4,986.00 \$3,267.00 \$0.00 \$2,800.00 \$2,800.00 \$2,800.00 \$10,000.00 \$18,000.00 \$49,838.01 \$10,952.89	\$1,8 \$1,2: \$6,8: \$1,6: \$3- \$2,3: \$2,0: \$17,63: \$9,5: \$17,1: \$46,3: \$10,3:
1 5 2 1 1 1 1 1 20 2 1 1	ECK50001-9/FWall ECK50002-PR ECK500004 ECK500007 ECK500007 ECK500001 ECK500018 ECK500103 Perlphorals / Network Part Number ECK500001 ECK700001 ECK700001 ECK700001 ECK700001 ECK700001 ECK800001 ECK800001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP Trank IF MISC. MAT., CABLES, LOT PRINTER, HP Lazedet Pro 200 IP to Senal Dist., 16 port SIP External Ringer / Horn, Single UPS, APC BOOVA, IWS pos. UPS - Smart-UPS X 3000VA (SUS-TOZAI SYPTOM SENTANCE (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, WKS Per Pos. / Per Year SUB-TOZAI	\$2,600.00 \$350.00 \$4,850.00 \$2,278.00 \$1,800.00 \$3,267.00 \$513.00 \$2,880.00 \$2,880.00 \$49,830.01 \$10,852.89	EA EA EA EA EA EA EA EA EA U/A	\$2,600.00 \$1,750.00 \$9,700.00 \$2,278.00 \$1,800.00 \$4,800.00 \$0.00 \$0.00 \$0.00 \$2,880.00 \$2,880.00 \$2,880.00 \$10,000.00 \$18,000.00 \$48,838.01 \$10,852.89 \$5,100.00	\$1,8 \$1,2; \$6,8; \$1,6; \$1,6; \$2,3; \$2,0; \$17,43; \$17,1; \$46,3; \$10,3;
1 5 2 1 1 1 1 1 2 200 1 1 85 85 ***	ECX500001-9/PWall ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX5000017 ECX500018 ECX500103 Pertpherals / Network Part Number ECX600001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. EASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE - SIP TRUK IF MISC MAT., CABLES, LOT PRINTER, HP Lacedler Pro 200 IP to Senal Dist., 16 port SIP External Ringer / Horn, Single UPS, APC BOOMA, IWS pos. UPS - Smart-UPS X 3000MA 1 \$0.5-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRIN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year 500-Total	\$2,600.00 \$390.00 \$4,890.00 \$2,278.00 \$1,800.00 \$32,67.00 \$513.00 \$2,880.00 \$2,880.00 \$46,600 \$1,000.00 \$46,836.01 \$10,852.89 \$60.00	EA EA EA EA EA EA EA EA EA EA EA	\$2,600.00 \$1,790.00 \$9,700.00 \$2,279.00 \$1,800.00 \$4,800.00 \$3,267.00 \$0.00 \$2,800.00 \$2,800.00 \$2,800.00 \$10,000.00 \$18,000.00 \$48,838.01 \$10,852.89 \$5,100.00 \$12,750.10	\$1,8 \$1,2; \$6,8 \$1,6; \$1,6; \$3,2; \$2,0; \$17,43; \$9,5; \$17,1; \$46,3; \$10,2; \$33,30;
1 5 2 1 1 1 1 1 2 20 1 1 85	ECK50001-9/FWall ECK50002-PR ECK500004 ECK500007 ECK500007 ECK500001 ECK500018 ECK500103 Perlphorals / Network Part Number ECK500001 ECK700001 ECK700001 ECK700001 ECK700001 ECK700001 ECK800001 ECK800001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC MAT., CABLES, LOT FRIMTER, HP Laceclet Pro 200 IP to Senal Diet., 16 port SIP External Ringer / Horn, Single UPS, APC BOOVA, IWS pos. UPS - Smart-UPS X 3000VA I SUB-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM BINSTALLATION, PRIMARY SYSTEM ENGINEERINS, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year SUB-Total SUB-Total	\$2,600.00 \$3,850.00 \$4,850.00 \$2,278.00 \$1,900.00 \$466.00 \$3,267.00 \$13,00 \$2,850.00 \$2,850.00 \$2,850.00 \$900.00 \$400.00 \$400.00 \$400.00 \$400.00 \$400.00 \$400.00 \$400.00	EA EA EA EA EA EA EA EA U//X	\$2,600.00 \$1,750.00 \$9,700.00 \$2,278.00 \$1,800.00 \$13,277.00 \$0.00 \$0.00 \$2,880.00 \$2,880.00 \$2,880.00 \$10,000.00 \$18,000.00 \$48,938.01 \$10,852.89 \$5,100.00 \$92,750.90	\$1,8- \$1,2- \$6,8- \$1,6- \$1,2- \$2,3- \$2,3- \$17,5-3 \$17,5-3 \$17,1- \$46,2- \$10,3-
1 5 2 1 1 1 1 1 1 2 20 1 1 85	ECX500001-96PWall ECX500002-PR ECX500004 ECX500005-1 ECX500007 ECX5000017 ECX500018 ECX500103 Pertpherals / Notwork Part Number ECX600001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX700001 ECX600001	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 49 PORT POE, 10/100/1000 RÜLITER, CISCO, 2 WAN SINGLE - SIP TRUK IF MISC MAT., CABLES, LOT PRINTER, HP Laceclet Pro 200 IP to Senal Dist., 16 port SIP External Ringer / Horn, Single UPS, APC BOOWA, IWS pos. UPS - Smart-UPS X 3000WA 1 \$US-Total System Services (600, 700, 800) CS USER/ACMIN OPPS TRIN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year SUB-Total RECOUNTING Maintenance Charges (600) SYSTEM SUPPORT, 5 YEAR	\$2,600.00 \$390.00 \$4,890.00 \$2,278.00 \$1,800.00 \$486.00 \$32,67.00 \$13,267.00 \$2,890.00 \$2,890.00 \$48,838.01 \$10,852.89 \$600.00	EA EA EA UNIX	\$2,600.00 \$1,790.00 \$9,700.00 \$2,279.00 \$1,800.00 \$4,986.00 \$3,267.00 \$0.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$10,000.00 \$18,000.00 \$49,638.01 \$10,852.89 \$5,100.00 \$92,750.00 \$152,763.00	\$1,8 \$1,2; \$6,8(\$1,6) \$1,6; \$2,3; \$2,3; \$2,0; \$17,43 \$9,5; \$17,1; \$46,3; \$10,3; \$3,42,09; \$3,42,09; \$152,7;
1 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECK50001-9/PWall ECK500002-PR ECK500005-1 ECK500005-1 ECK500007 ECK500017 ECK500018 ECK500103 Portphorals / Network Part Number ECK600001 ECK700001 ECK700001 ECK700001 ECK700001 ECK700001 ECK700001 ECK800001 ECK800001 ECK800001 ECK800001 ECK800001 ECK800001 ECK800001	WALL MATE ASSM, 19", RMTE, Large (13-24) POS. BASED REC MT - 4 Port SWITCH, CISCO, 49-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRIMTER, HP Lacecter Pro 200 IP to Senal Diet, 16 port SIP External Ringer / Morn, Single UPS, APC BODA, 1WS pos. UPS - Senat-UPS X 3000AA SUS-Total System Senatous (600, 700, 800) CS USER/ADMIN OPPS TRIN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year SOD-Total STORM MAPPORT, 5 YEAR ONSITE MAINTENANCE, Per YEAR	\$2,600.00 \$4,850.00 \$2,278.00 \$1,900.00 \$486.00 \$3,267.00 \$313.00 \$2,850.00 \$2,850.00 \$900.00 \$48,880.01 \$10,852.89 \$61.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,600.00 \$1,750.00 \$2,278.00 \$2,278.00 \$1,800.00 \$4,800.00 \$3,267.00 \$0.00 \$2,800.00 \$2,800.00 \$2,800.00 \$18,000.00 \$48,838.01 \$10,960.00 \$48,838.01 \$10,952.89 \$5,100.00 \$12,763.00 \$12,763.00 \$152,763.00 \$152,763.00 \$152,763.00	\$1,8- \$1,2- \$6,8- \$1,6- \$1,2- \$2,2- \$17,43- \$2,2- \$17,43- \$17,11- \$46,2- \$10,2- \$10,2- \$13,10 \$13,10 \$10,2- \$152,7- \$101,2-
1 5 2 1 1 1 1 1 1 2 2 0 1 1 1 8 5 4 4 1 1	ECK50001-9/PWall ECK50002-PR ECK500004 ECK500005-1 ECK500007 ECK500017 ECK500018 ECK500103 Pertpherals / Network Part Number ECK600001 ECK7000001 ECK7000001 ECK7000000000000000000000000000000000000	WALL MNT ASSM, 19", RNTE, Large (12-24) POS. BASED REC KIT - 4 Port SWITCA, CISCO, 49 PORT POE, 10/100/1000 RÖUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MSC. MAT., CABLES, LOT PRINTER, HP Laceclet PRO 200 IF to Serial Dist., 16 port SIP External Ringer / Horn, Single UPS, APC BOOVA, IWS pos. UPS - Smart-UPS X 3000VA I SUB-TOtal System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year SUB-TOtal RECURRING MAINTENANCE, PER YEAR ONSITE MAINTENANCE, PER YEAR ONSITE MAINTENANCE, PER YEAR ONSITE MAINTENANCE, PER YEAR ONSITE MAINTENANCE, PER YEAR	\$2,600.00 \$1,850.00 \$1,278.00 \$1,278.00 \$1,278.00 \$3,267.00 \$513.00 \$2,880.00 \$2,880.00 \$49,830.01 \$10,852.89 \$49,000 \$152,763.00 \$152,763.00 \$25,723.41 \$1152,763.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,600.00 \$1,790.00 \$9,700.00 \$2,278.00 \$1,800.00 \$4,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$18,000.00 \$48,838.01 \$10,852.89 \$5,100.00 \$12,8761.00 \$11,952.89 \$15,100.00 \$11,252.89 \$15,100.00 \$11,252.89	\$1,b \$1,2; \$6,8; \$1,6; \$1,6; \$2,3; \$17,43; \$17,43; \$17,43; \$10,2; \$140,2; \$152,7; \$10,2; \$152,7;
1 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECK50001-9/PWall ECK500002-PR ECK500005-1 ECK500005-1 ECK500007 ECK500017 ECK500018 ECK500103 Portphorals / Network Part Number ECK600001 ECK700001 ECK700001 ECK700001 ECK700001 ECK700001 ECK700001 ECK800001 ECK800001 ECK800001 ECK800001 ECK800001 ECK800001 ECK800001	WALL MATE ASSM, 19", RMTE, Large (13-24) POS. BASED REC MT - 4 Port SWITCH, CISCO, 49-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, LOT PRIMTER, HP Lacecter Pro 200 IP to Senal Diet, 16 port SIP External Ringer / Morn, Single UPS, APC BODA, 1WS pos. UPS - Senat-UPS X 3000AA SUS-Total System Senatous (600, 700, 800) CS USER/ADMIN OPPS TRIN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS Per Pos. / Per Year SOD-Total STORM MAPPORT, 5 YEAR ONSITE MAINTENANCE, Per YEAR	\$2,600.00 \$4,850.00 \$2,278.00 \$1,900.00 \$486.00 \$3,267.00 \$313.00 \$2,850.00 \$2,850.00 \$900.00 \$48,880.01 \$10,852.89 \$61.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,600.00 \$1,750.00 \$2,278.00 \$2,278.00 \$1,800.00 \$4,800.00 \$3,267.00 \$0.00 \$2,800.00 \$2,800.00 \$2,800.00 \$18,000.00 \$48,838.01 \$10,960.00 \$48,838.01 \$10,952.89 \$5,100.00 \$12,763.00 \$12,763.00 \$152,763.00 \$152,763.00 \$152,763.00	\$1,8- \$1,23 \$6,80



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sten C	onfiguration:	Final Version - March 21, 2016			
	dditional Positions for the		Pos. Count		
	leployed with exiting 17 po		4		
	Services from ECW, Local : Software, remote support, r		Yrs. Spt. 5		
	l Local Project Technician,		-		
Qy.	Part Number	Telecom / Hardware Based Components (100)	Unit Price	U/X	OFFER Price
4	ECX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$4,281.98
	ECX100101	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	\$1,512.00	ea ea	\$0.00 \$0.00
8	ECX100101-P ECX100103	Portable ANS. Pos., Laptop/VoIP Tel./ Kit Assm. MONETOR, 22WM* FP, BLK	\$3,500.00 \$452.00	EA EA	\$2,560.13
0	ECX100103 ECX100104	MONITOR, 24W" FP, BLK	\$699.00	EA	\$0.00
	ECX100105-60	MONITOR, 60", LCD TV/Monitor	\$1,800.00	EA	\$0.00
4	ECX100001-N5	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EA	\$3,823,20
4	ECX100201	POLYCOM 650 STP PHONE	\$468.00	EA	\$1,325.3
	ECX100204	Keypad, Genovation 24 Key, Model 683	\$189.00	EA EA	\$0.00 \$0.00
	ECX100305 ECX100311	Media Gateway, 8 Port FXS or (CAMA) to SIP Media Gateway, 8 port FXO to SIP	\$1,085.00 \$1,085.00	EA	\$0.00
	ECX100311 ECX100312-1	Media Gateway, 4 Port FXS (Station Rec.)	\$610.00	EA	\$0.00
	ECX100314	Media Gateway, PRI to SIP	\$5,435.00	EA	\$0.00
	ECX100315	Rack Shelf, Media Gateway, 2 GW per Shelf	\$32.00	ΕA	\$0.00
	Hardware Sub-Total				\$11,990.69
Qty	Part Humber	Software Components (200)	Unit Price	U/M	OFFER Price
4	ECX200001	CALLSTATION License	\$13,000.00	EΑ	\$0.00
•	ECX200004	DECISIONSTATION, SITE License	\$0.00	EA	\$0.00
	ECX200006	ADMINISTATION, SITE License	\$0.00	EA	\$0.00
	ECX200007	MESSAGEWORKS, SITE License	\$0.00	EA	\$0.00
	ECX200008	SIPWORKS, i3/IP INTERFACE, PSAP License	\$9,995.00	EA	\$0.00
	ECX200014-R	Admin PRI Interface License, PSAP SIP Trunk Interface, ECW to Third Party	\$6,700.00 \$2,595.00	EA EA	\$0.00 \$0.00
	ECX200015 Software Sub-Total	SIP Fronk Incertace, ECVV to Hill Party	\$3,595.00	EA.	\$0.00
Oty	Part Number	Custom Services - Interfaces - Map Data (400)	Unit Price	U/M	OFFER Price
	ECX400001	MAP CONFIG, CUSTOMER PROVIDED DATA	\$2,995.00	EΑ	\$0.00
	ECX400002	911 TELECOM CONFIG/STAGING	\$3,995.00	EA	\$0.00
	ECX400002-A	ADMIN CONFIG/STAGING	\$3,995.00	EA	\$0.00
	Custom Services Sub-1	[otal			\$0.00
0.7	Part Humber	Peripheral-Miscellaneous Equipment (500)	Unit Price	U/M	OFFER Price
	ECX500001-16PWall	WALL MNT ASSM, 19", RMTE, SMALL (1-4)	\$1,500.00	EA	\$0.00
1	ECX500002-PR	POS. BASED REC KIT - 4 Port	\$350.00	EA	\$247.80
	ECX500003-8	SWITCH, CISCO, 8-PORT POE, 10/100/1000	\$1,026.00	EA	\$0.00
	ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$2,278.00	EA	\$0.00
1	ECX500007-R	MISC. MAT., CABLES, RMTE., LOT	\$600.00 \$486.00	EA EA	\$424,80 \$0.00
	ECX500009-1 ECX500017-8	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote	\$2,289.60	EA	\$0.00
	ECX500018	SIP External Ringer / Horn, Single	\$513.00	EA	\$0.00
	ECX500101	UPS, APC 800VA, IVS pos.	\$295.00	EA	\$0.00
	Peripherals / Network	Sub-Total			\$672.60
Qty	Part Manber	System Services (600, 700, 800)	Unit Price	U/M	OFFER Price
ario and	ECX600001		\$5,000.00	EA	\$0.00
2	ECX700001	CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT	\$900.00	EA	\$1,710.00
1	ECX700002	SYSTEM INSTALLATION, PRIMARY	\$9,434.61	UN	\$8,962.88
ī	ECX800001	SYSTEM ENGINEERING, (1) Lot	\$2,096.58	UN	\$1,991.7
20	ECX800003	VIRUS PROTECTION, WKS Per Pos. / Per Year	\$60.00	EA	\$0.00
	Professional Services S	Sub-Total			\$12,664.63
****	TOTAL NR Charges				\$25,327.92
Qey	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/H	OFFER Price
	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$33,800.00	EA	\$0.00
1	ECX900004	ONSITE MAINTENANCE, Per YEAR	\$4,892.02	EA	\$19,568.0
4			\$2,306.24	EA	\$2,306.24
	ECX900004-OE	ONSITE MAINTENANCE, FIRST Year	\$2,300.24	EA.	4-1



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	Site Name:		Pos. Count		Back-Up Site	note 8
	Pontiao Back-Up		8		ctivity to PFN/Indigital provi	connec
	Solution being Cellvered: Califization		Yrs. 3pt		Services from ECW, Local S Software, remote support, a	
	Cassasion		ь		d Local Project Technician.	
OFFER	Ext. Price	UJM	Unit: Price	Telecom / Hardware Based Components (190)	Port Number	Qty
\$6,	\$9,072.00	EA	\$1,512.00	WKS PC, Euzil Video, 4G RAM	ECX100101	6
• •	\$0.00	EA	\$1,512.00	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	ECX100101	-
	\$0.00	EA	\$3,500.00	Portable ANS. Pos., Laptop/VolF Tel./ Kit Assm.	ECX100101-P	
\$3,1	\$5,424.00 \$0.00	EA EA	\$452.00 \$699.00	MONITOR, 22NM° FP, BLK	ECX100103	12
	\$0.00 \$0.00	EA	\$077.00 \$1,800.00	MONITOR, 24W" FP, BLK MONITOR, 60", LCD TV/Monitor	ECX100104 ECX100105-60	
\$5,3	\$8,100.00	EA	\$1,350.00	AUDID INTERFACE UNIT (AUI)	ECX100001-AS	6
\$1,5	\$2,808.00	EA	\$468.00	POLYCOM 650 STP PHONE	ECX100201	6
	\$0.00	EA	\$189.00	Keypad, Genovation 24 Key, Model 683	ECX100204	
\$3,0 \$3	\$4,340.00 \$1,085.00	EA EA	\$1,085.00	Media Gateway, 8 Port FXS or (CAMA) to SIP	ECX100305	4
، چ ا , 3 \$	\$1,085.00 \$4,390.00	ea Ea	\$1,085.00 \$1,085.00	Media Gateway, 8 Port FXS (Station Rec.) Media Gateway, 8 port FXO to SIP	ECX100305-1 ECX100311	1
7-6	\$0.00	EA	\$5,435.00	Media Gateway, PRI to SIP	ECX100314	•
;	\$64.00	EA	\$32.00	Rack Shelf, Media Gateway, 2 GW per Shelf	8CX100315	2
\$24,9	935,233.00				Hardware Sub-Total	
OFFER	Ent. Price	U/H	Unit Price	Software Components (200)	Part Humber	Qty
						; ()
	\$78,000.00 \$0.00	EA EA	\$13,000.00 \$0.00	CALLSTATION License, Limited Use / Dark	80X200001-LU	6
	\$0.00 \$0.00	EA	\$0.00	DECISIONSTATION, SITE LICENSE ADMINISTATION, SITE LICENSE	ECX200004 ECX200006	1
	\$0.00	EA	\$0.00	MESSAGEWORKS, SITE LICENSE	ECX200007	i
	\$0.00	EA	\$9,995.00	SIPWORKS, LIVIP INTERFACE, PSAP License	ECX200008	_
	\$0.00	EA	\$6,700.00	Admin PRI Interface License, PSAP	ECX200014-R	
	\$0.00	EA	\$3,595.00	SIP Trunk Interface, ECW to Third Party	SCX200015	
	\$78,000.00					
	41.0kg-0.00				Software Sub-Total	
OFFER	Ent. Price	U/M	Unit Price	Custom Servicos - Interfaces - Map Data (400)		Otv
OFFER	Ext. Prico				Part Number	
OFFER \$2,1	Ext. Price \$2,995.00	EA	\$2,995.00	MAP CONFIG. CUSTOMER PROVIDED CATA	Part Number ECX400001	1
OFFER	Ext. Prico				Part Number	
OFFER \$2,1 \$2,0	\$2,995.00 \$3,995.00 \$3,995.00	EA EA	\$2,995.00 \$3,995.00	MAP CONFIG. CUSTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING	Part Number ECX400001 ECX400002 ECX400002-A	1
92, 92, 93, 13, \$10,4	£xt. Price \$2,995.00 \$3,995.00 \$3,995.00	EA EA EA	\$2,995.00 \$3,995.00 \$3,995.00	MAP CONFIG, CUSTOMER PROVIDED DATA 911 TELECOM CONFIGNTAGING ADMIN CONFIGNTAGING	Port Number ECX400001 ECX400002 ECX400002-A Oustom Services Sub-Ti	1 1 1
92,1 93,2 93,2 93,0 910,4 OFFER	£xt. Prico \$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 £xt. Prico	EA EA EA	\$2,995.00 \$3,995.00 \$3,995.00 Unik Price	MAP CONFIG. CUSTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING	Part Number ECX400001 ECX400002 ECX400002-A	1 1 1
92,3 \$13,5 \$3,5 \$10,4 OFFER	\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$10,985.00 Ext. Price \$2,100.00	EA EA EA U/M	\$2,595.00 \$3,995.00 \$3,995.00 Unit Price \$2,100.00	MAP CONFIG, CUSTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGINS VAI Peripheral-Miscellaneous Equipment (509) WALL MNT ASSM, 19*, RMTE, Medium (5-12)	Part Number ECX400001 ECX400002 ECX400002-A Custom Services Sub-Ti Part Number ECX500001-48PWall	1 1 1
\$2,1 \$3,2 \$3,2 \$10,A \$10,A \$1,4 \$1,4	\$2,995.00 \$3,995.00 \$3,995.00 \$1,995.00 \$10,985.00 Ext. Price \$2,100.00 \$700.00	EA EA EA U/M EA EA	\$2,995.00 \$3,995.00 \$3,995.00 Unik Price \$2,100.00 \$350.00	MAP CONFIG, CUSTOMER PROVIDED CATA 911 TELECOM CONFIGSTAGING ADMIN CONFIGSTAGING ATAI Portpheral-Miscellandous Equipment (509) WALL MAT ASSM, 19", RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port	Part Number ECX400001 ECX400002 ECX400002-A Costorn Services Sub-Tr Part Number ECX500001-48PWsli ECX500002-PR	1 1 1 1 2
\$2,0 \$3,0 \$3,0 \$3,0 \$10,4 OFFER \$1,7 \$1,7 \$3,0	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$2,100.00 \$7,00.00 \$5,388.00	EA EA EA EA EA EA	\$2,995.00 \$3,995.00 \$3,995.00 Unit Prior \$2,100.00 \$350.00 \$2,694.00	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING WALL MAT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000	Part Number ECX400001 ECX400002 ECX400002-A Custom Services Sub-Tr Part Number ECX5000001-48PWsli ECX500002-PR ECX500003	1 1 1 1 2 2
\$2,1 \$3,2 \$3,2 \$10,A \$10,A \$1,4 \$1,4	\$2,995.00 \$3,995.00 \$3,995.00 \$1,995.00 \$10,985.00 Ext. Price \$2,100.00 \$700.00	EA EA EA U/M EA EA	\$2,995.00 \$3,995.00 \$3,995.00 Unit Price \$2,100.00 \$350.00 \$2,694.00 \$2,278.00	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGINS VAI Portpheral-Miscellaneous Equipment (600) WALL MNT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000 ROUTER, CISCO, 24-PORT POE, 10/100/1000 ROUTER, CISCO, 24-PORT POE, 10/100/1000	Part Number ECX400002 ECX400002-A Custom Services Sub-Ti Part Number ECX500001-48PWall ECX500002-PR ECX500003 ECX500005-1	1 1 1 1 2
\$2,0 \$3,0 \$3,0 \$3,0 \$10,4 OFFER \$1,7 \$1,7 \$3,0	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,00.00 \$5,388.00 \$2,278.00	EA EA EA EA EA EA	\$2,995.00 \$3,995.00 \$3,995.00 Unit Prior \$2,100.00 \$350.00 \$2,694.00	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIGSTAGING ADMIN CONFIGSTAGING ADMIN CONFIGSTAGING ADMIN CONFIGSTAGING WALL HAT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24-POST POE, 10/100/1000 ROUTER, CISCO, 24-POST POE, 10/100/1000 ROUTER, CISCO, 24-POST POE, 10/100/1000 ROUTER, CISCO, 24-POST POE, 10/100/1000 ROUTER, CISCO, 24-POST POE, 10/100/1000 ROUTER, CISCO, 24-POST POE, 10/100/1000	Part Number ECX400001 ECX400002 ECX400002-A Custom Services Sub-Tr Part Number ECX500001-48PWs/I ECX500002-PR ECX500003 ECX500005-1 ECX500005-1	1 1 2 2 1
92,1 \$2,2 \$3,2 \$3,2 \$10,4 OFFER \$1,7 \$- \$- \$1,1 \$- \$- \$1,2 \$- \$- \$1,2 \$- \$- \$1,2 \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$-	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,00.00 \$5,388.00 \$2,278.00 \$0.00 \$600.00 \$406.00	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	\$2,995.00 \$3,995.00 \$3,995.00 Unit Price \$2,100.00 \$350.00 \$2,694.00 \$2,278.00 \$2,278.00 \$400.00 \$406.00	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGINS VAI Portpheral-Miscellaneous Equipment (600) WALL MNT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000 ROUTER, CISCO, 24-PORT POE, 10/100/1000 ROUTER, CISCO, 24-PORT POE, 10/100/1000	Part Number ECX400002 ECX400002-A Custom Services Sub-Ti Part Number ECX500001-48PWall ECX500002-PR ECX500003 ECX500005-1	1 1 1 1 2 2
92,0 \$3,0 \$3,0 \$10,A OFFER \$1,0 \$1,0 \$1,0 \$1,0 \$1,0 \$1,0 \$1,0 \$1,0	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$2,100.00 \$2,100.00 \$5,388.00 \$2,279.00 \$600.00 \$486.00 \$2,289.60	U/A	\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$2,694.00 \$2,778.00 \$2,778.00 \$400.00 \$400.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00	MAP CONFIG. CLISTOMER PROVIDED DATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING Peripheral-Miscellameous Equipment (500) WALL MNT ASSM, 19°, RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 24 PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Dist., 8 Port, Remote	Part Number ECX400001 ECX400002 ECX400002-A Custom Services Sub-Tr Part Number ECX500001-48PWs/I ECX500002-PR ECX500003 ECX500005-1 ECX500005-1 ECX500007-R ECX500001-8	1 1 1 1 2 2 1
OFFER \$2,1 \$3,5 \$10,4 \$10,4 OFFER \$1,7 \$3,1 \$1,1	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$700.00 \$5,388.00 \$2,273.00 \$2,000 \$600.00 \$486.00 \$2,299.60 \$0.00		\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$2,278.00 \$2,278.00 \$2,278.00 \$4,965	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING PORTPROTEIN SECURITY OF PROPERTY (500) WALL MAIT ASSM, 19", RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 2 PAPORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP TURK IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP Lacerlet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Morn, Single	Port Number ECX400001 ECX400002-A Oustorn Services Sub-Ti Port Number ECX500001-48PWsli ECX500003 ECX500005-1 ECX500007-R ECX500007-R ECX500007-8 ECX500001-8 ECX50001-8 ECX500018	1 1 1 2 2 1 1 1 1 1
910/A 930/A 930/A 940/A	\$2,995.00 \$3,995.00 \$3,995.00 \$10,965.00 \$10,965.00 \$2,100.00 \$700.00 \$5,388.00 \$2,273.00 \$600.00 \$486.00 \$2,296.00 \$50.00	U/A	\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$2,694.00 \$2,778.00 \$2,778.00 \$400.00 \$400.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00 \$12,780.00	MAP CONFIG. CLISTOMER PROVIDED DATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING Peripheral-Miscellameous Equipment (500) WALL MNT ASSM, 19°, RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 24 PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Dist., 8 Port, Remote	Part Number ECX400001 ECX400002 ECX400002-A Custom Services Sub-Tr Part Number ECX500001-48PWs/I ECX500002-PR ECX500003 ECX500005-1 ECX500005-1 ECX500007-R ECX500001-8	1 1 1 2 2 1 1 1
OFFER \$2,1 \$3,5 \$10,4 \$10,4 OFFER \$1,7 \$3,1 \$1,1	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$700.00 \$5,388.00 \$2,273.00 \$2,000 \$400.00 \$486.00 \$2,299.60 \$0.00		\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$2,278.00 \$2,278.00 \$2,278.00 \$4,965	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING WALL MAT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 18/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trurk IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Dist, 8 Rott, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos.	Port Number ECX400001 ECX400002-A Oustorn Services Sub-Ti Port Number ECX500001-48PWsli ECX500003 ECX500005-1 ECX500007-R ECX500007-R ECX500007-8 ECX500001-8 ECX50001-8 ECX500018	1 1 1 2 2 1 1 1 1 1
910/A 930/A 930/A 940/A	\$2,995.00 \$3,995.00 \$3,995.00 \$10,965.00 \$10,965.00 \$2,100.00 \$700.00 \$5,388.00 \$2,273.00 \$600.00 \$486.00 \$2,296.00 \$50.00		\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$2,278.00 \$2,278.00 \$2,278.00 \$4,965	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING WALL MAT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 18/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trurk IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Dist, 8 Rott, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos.	Part Number ECX400001 ECX400002 ECX400002-A Custom Services Sub-Tr Part Number ECX500001-KEPWsli ECX500002-PR ECX500005-1 ECX500005-1 ECX500007-R ECX500001-8 ECX500001-8 ECX500017-8 ECX500011-8 ECX500011-8 ECX500011	1 1 1 2 2 1 1 1 1 1 2
\$2,4 \$2,7 \$3,7 \$10,4 \$10,4 \$1,7 \$3,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,00.00 \$5,388.00 \$2,278.00 \$0.00 \$600.00 \$486.00 \$2,299.60 \$0.00 \$5,00 \$1,	U/A	\$2,995.00 \$3,995.00 \$3,995.00 Unit Price \$2,100.00 \$359.00 \$2,278.00 \$2,278.00 \$4,000 \$2,278.00 \$4,000 \$2,289.60 \$3,289.60 \$3,289.60 \$3,289.60 \$3,289.60	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING WALL MIT ASSM, 19", RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 24 PORT POS, 10/100/1000 ROLITER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC, MAT., CABLES, RMTE, LOT PRINTER, HP Laserie Pro 200 IP to Serial Dist, 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC BOOVA, IWS pos.	Part Number ECX400002 ECX400002-A Custom Services Sub-Ti Part Number ECX500001-48PWsl ECX500002-PR ECX500005-1 ECX500005-1 ECX500009-1 ECX500009-1 ECX500017-8 ECX500018 ECX5000101 Paripherals / Matwork	1 1 1 2 2 1 1 1 1 1 2
OFFER \$2,1 \$3,2 \$10,4 OFFER \$1,4 \$3,2 \$1,1 \$3,2 \$1,1 \$4,2 \$1,1 \$5,2 \$1,1 \$5,2 \$1,1 \$5,2 \$1,1 \$5,2 \$1,1 \$5,2 \$1,1 \$5,2 \$1,2 \$1,2	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,00.00 \$5,388.00 \$2,278.00 \$0.00 \$600.00 \$486.00 \$2,289.60 \$0.00 \$5,00 \$1,00 \$2,249.60 \$1,00 \$2,249.60 \$2,249.60 \$2,249.60 \$2,249.60 \$2,249.60 \$2,249.60 \$2,249.60 \$2,249.60	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA	\$2,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$22,994.00 \$2,278.00 \$2,278.00 \$496.00 \$12,299.60 \$12,299.60 \$13,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00 \$10,00	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING Peripheral Placellamous Equipment (500) WALL MNT ASSM, 19", RMTE, Medium (5-12) PCS, BASED REC KIT - 4 Port SWITCH, CISCO, 2 PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC, MAT., CARLES, RMTE, LOT PRINTER, HP Laxedet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Mort, Single UPS, APC BOONA, IWS pos. 505-Total System Services (500, 700, 800)	Port Number EX.400001 EX.400002 EX.400002-A Oustom Servicon Sub-Ti Port Number EX.500001-48PWall EX.500003 EX.500003 EX.500006-1 EX.500006-1 EX.500007-8 EX.50001-8 EX.5000101 Portpherals / Network Port Number	1 1 1 1 2 2 1 1 1 1 1
\$2,4 \$27,2 \$37,2 \$10,4 \$10,4 \$1,7 \$3,4 \$1,4 \$1,4 \$10,2 \$10,2	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,000.00 \$5,388.00 \$2,278.00 \$0.00 \$600.00 \$496.00 \$2,299.60 \$0.00 \$2,299.60 \$0.00 \$14,431.63 \$7,200.00 \$14,431.63	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$2,278.00 \$2,278.00 \$2,278.00 \$496.00 \$12,299.60 \$12,299.60 \$13,717.70 \$4,159.49	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING PORTPHENTIAL SECURITY AND PRODUCT (500) WALL MAT ASSM, 19", RATTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 2 VAN SINGLE/RATTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CARLES, RATTE, LOT PRINTER, HP Lasedet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Mort, Single UPS, APC BOONA, IWS pos. SUB-TOTAL System Services (500, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, FRIMARY SYSTEM ENSTALLATION, FRIMARY SYSTEM ENSTALLATION, FRIMARY SYSTEM ENSTALLATION, FRIMARY SYSTEM ENSTALLATION, FRIMARY	Port Number EX.400001 EX.400002 EX.400002-A Oustom Servicos Sub-Ti Port Number EX.500001-48PWall EX.500003 EX.500003 EX.500005-1 EX.500006-1 EX.500007-R EX.500007-R EX.500017-8 EX.500017-8 EX.5000101 Port Number EX.700001 EX.700001 EX.700002 EX.800001	1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1
OFFER \$2,4 \$3,5 \$10,4 OFFER \$1,4 \$1,5 \$1,4 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.06 \$10,985.06 \$2,100.00 \$7,00.00 \$5,388.00 \$2,279.00 \$400.00 \$400.00 \$400.00 \$400.00 \$12,299.60 \$0.00 \$590.00 \$14,31.66	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$350.00 \$2,278.00 \$2,278.00 \$4,278.00 \$4,278.00 \$4,278.00 \$1,278.0	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING POTIPHERAL MISCORISTORIUS Equipment (500) WALL MAT ASSM, 19°, RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 RCUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist, 8 Roth, Remote SIP External Ringer / Horn, Single UPS, APC BOOVA, IWS pos. SIGN-TOTAL Bystom Senvices (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	Part Number ECX-100001 ECX-100002 ECX-100002-A Custom Services Sub-Tr Part Number ECX-500001-4:SPWs1 ECX-500003 ECX-500003 ECX-500005-1 ECX-500007-4 ECX-500001-8 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500018 ECX-500001 ECX-500001 ECX-500001	1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1
OFFER \$2,4 \$3,5 \$10,4 OFFER \$1,4 \$1,5 \$1,4 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,000.00 \$5,388.00 \$2,278.00 \$0.00 \$600.00 \$496.00 \$2,299.60 \$0.00 \$2,299.60 \$0.00 \$14,431.63 \$7,200.00 \$14,431.63	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$2,278.00 \$2,278.00 \$2,278.00 \$496.00 \$12,299.60 \$12,299.60 \$13,717.70 \$4,159.49	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING POILPHOND-MISCOLIST SEQUENTIAL (500) WALL HAIT ASSM, 19°, RMTE, Medium (5-12) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 2 WAN SINGLE SID Trunk IF MISC, MAT., CARLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Data, 8 Roin, Remote SIP Edemal Ringer / Horn, Single UPS, APC BOONA, 1WS pos. SUB-TOTAL System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WIS Per Pos. / Per Year	Port Number EX.400001 EX.400002 EX.400002-A Oustom Servicos Sub-Ti Port Number EX.500001-48PWall EX.500003 EX.500003 EX.500005-1 EX.500006-1 EX.500007-R EX.500007-R EX.500017-8 EX.500017-8 EX.5000101 Port Number EX.700001 EX.700001 EX.700002 EX.800001	1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1
OFFER \$2,1 \$3,5 \$10,4 \$10,4 \$17,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.06 \$210.00 \$2,100.00 \$700.00 \$5,388.00 \$2,279.00 \$400.00 \$400.00 \$400.00 \$400.00 \$12,299.60 \$0.00 \$14,431.66 \$7,200.00 \$14,431.66		\$2,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$2,694.00 \$2,278.00 \$2,278.00 \$4,86.00 \$2,278.00 \$13,717.00 \$13,717.70 \$4,199.49 \$60.00	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING Peripheral-Miscellanacous Equipment (500) WALL MIT ASSM, 19°, RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 PRISC, MAT., CABLES, RMTE, LOT PRINTER, HP Laseriet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. SID-Total System Sanvices (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WISS Per Pos. / Per Year	Part Number ECX-100001 ECX-100002 ECX-100002 ECX-100002 ECX-100001 ECX-100001 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003 ECX-100003	1 1 1 1 2 2 1 1 1 1 2 2 1 8 1 1 3 3 0
97,5	\$2,995.00 \$3,995.00 \$3,995.00 \$10,905.00 \$10,905.00 \$2,100.00 \$7,00.00 \$5,388.00 \$2,273.00 \$0.00 \$600.00 \$486.00 \$2,299.60 \$0.00 \$5,00 \$5,00 \$14,431.60 \$14,431.60 \$14,431.60 \$14,431.60 \$14,431.60 \$14,431.60 \$14,431.60		\$2,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$2,694.00 \$2,278.00 \$2,278.00 \$4,86.00 \$2,278.00 \$13,717.00 \$13,717.70 \$4,199.49 \$60.00	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING Peripheral-Miscellanacous Equipment (500) WALL MIT ASSM, 19°, RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 RCUTER, CISCO, 2 WAN SINGLE/RMTE/2901 PRISC, MAT., CABLES, RMTE, LOT PRINTER, HP Laseriet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. SID-Total System Sanvices (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WISS Per Pos. / Per Year	Port Number EX.400001 EX.400002 EX.400002-A Oustom Servicon Sub-Ti Port Number EX.500002-PR EX.500003 EX.500005-1 EX.500009-1 EX.500007-R EX.500007-R EX.500001-8 EX.5000101 Port Number EX.5000101 Port Number EX.5000101 Port Number EX.500001 EX.500001 EX.500001 EX.500001 EX.500001 EX.500001 EX.500001	1 1 1 1 2 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1
OFFER \$2,1 \$3,5 \$10,4 OFFER \$1,4 \$3,5 \$1,4 \$3,5 \$1,7 \$1,7 \$4 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.06 \$2100.00 \$2,100.00 \$700.00 \$5,388.00 \$2,279.00 \$00.00 \$406.00 \$4,299.60 \$0.00 \$12,299.60 \$1,00 \$12,299.60 \$1,00 \$14,431.63 \$17,200.00 \$13,717.70 \$4,199.49 \$1,800.00 \$31,077.16	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$2,278.00 \$12,278.00 \$4,278.00 \$4,278.00 \$4,278.00 \$4,278.00 \$1,278.00 \$4,299.60 \$1,278.00 \$1,278.00 \$4,199.40 \$4,199.40 \$4,199.40	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING POILPHONI-Miscellamous Equipment (500) WALL HAIT ASSM, 19°, RHTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 2 WAN SINGLE SID Trunk IF MISC. MAT., CARLES, RMTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Data, 8 Ron, Remote SIP Edemal Ringer / Morn, Single UPS, APC BOONA, 1WS pos. SUB-TOtal System Services (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WISS Per Pos. / Per Year UPS-Total ROCHITICAL MISSIONERS (800)	Port Number EX.400001 EX.400002 EX.400002 Oustorn Services Sub-Tr Port Number EX.500001 EX.500003 EX.500005-1 EX.500009-1 EX.500001-8 EX.50001-8 EX.5000101 Portpherate / Natwork Part Number EX.700001 EX.700001 EX.700001 EX.700001 EX.700001 EX.700002 EX.800001 EX.700001 EX.700002 EX.800001 EX.700001 EX.700002 EX.800001 EX.700002 EX.800001 EX.700002 EX.800001 EX.700002 EX.800001 EX.700002 EX.800001	1 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OFFER \$2,3 \$3,5 \$10,4 OFFER \$1,4 \$3,5 \$10,2 \$1,6 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,000.00 \$5,388.00 \$2,278.00 \$0.00 \$406.00 \$406.00 \$4,299.60 \$0.00 \$2,299.60 \$0.00 \$14,431.60 \$7,200.00 \$14,717.70 \$41,977.18 \$1,800.00 \$31,877.18	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$22,094.00 \$2,278.00 \$22,278.00 \$496.00 \$12,299.60 \$13,717.70 \$40,000 \$18,717.70 \$4,159.49 \$400.00	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING PORTPHENTI-PERCEMBRICOUS Equipment (500) WALL MAY ASSM, 19", RATTE, Medium (5-12) PCS, BASED REC KIT - 4 Port SWITCH, CISCO, 2 WAN SINGLE, RATTE, 2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC, MAT., CARLES, RATTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Mort, Single UPS, APC BOONA, IWS pos. SUB-TOTAL Bystom Services (500, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WAS Per Pos. / Per Year UB-TOTAL ROCHITISH MARKERING, (1) Lot VIRUS PROTECTION, WAS Per Pos. / Per Year UB-TOTAL	Port Number EX.400001 EX.400002 EX.400002-A Oustom Servicos Sub-Ti Port Number EX.500001-48PWall EX.500002-PR EX.500003 EX.500005-1 EX.500007-8 EX.500007-8 EX.500001-8 EX.500017-8 EX.500017-8 EX.500017-8 EX.500018 EX.500018 EX.5000101 Port Number EX.700001 EX.600003 Professional Services S TOTAL NR Charges: Part Number EX.900003	1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 2
OFFER \$2,4 \$3,5 \$10,4 OFFER \$1,7 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4 \$1,4	\$2,995.00 \$3,995.00 \$3,995.00 \$10,965.06 \$2,100.00 \$700.00 \$5,388.00 \$2,273.00 \$400.00 \$400.00 \$400.00 \$400.00 \$400.00 \$12,299.60 \$0.00 \$14,431.66 \$7,200.00 \$13,717.70 \$4,199.49 \$1,800.00 \$31,077.18 \$170,526.78	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$3,995.00 \$2,100.00 \$2,278.00 \$2,278.00 \$496.00 \$2,278.00 \$496.00 \$12,289.60 \$513.00 \$12,289.60 \$13,717.70 \$4,199.49 \$60.00 \$4	MAP CONFIG. CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING Peripheral-Miscellaneous Equipment (500) WALL MIT ASSM, 19°, RMTE, Medium (5-12) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 24-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trurk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP Laseriet Pro 200 IP to Serial Dist, 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. SID-Total System Senvices (600, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WES Per Pos. / Per Year UD-Total ROCURTING MEDITORARICS Charges (200) SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, Per YEAR	Part Number ECX-100001 ECX-100002 ECX-100002-A Custom Services Sub-Ti Port Number ECX-500001-48PWall ECX-500002-PR ECX-500005-1 ECX-500005-1 ECX-500005-1 ECX-500007-8 ECX-500007-8 ECX-5000101 Part Number ECX-700002 ECX-700002 ECX-700002 ECX-700003	1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1
OFFER \$2,3 \$3,5 \$10,4 OFFER \$1,4 \$3,5 \$10,2 \$1,6 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7 \$1,7	\$2,995.00 \$3,995.00 \$3,995.00 \$10,985.00 \$10,985.00 \$2,100.00 \$7,000.00 \$5,388.00 \$2,278.00 \$0.00 \$406.00 \$406.00 \$4,299.60 \$0.00 \$2,299.60 \$0.00 \$14,431.60 \$7,200.00 \$14,717.70 \$41,977.18 \$1,800.00 \$31,877.18	U/M EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$2,995.00 \$3,995.00 \$3,995.00 \$2,000.00 \$22,094.00 \$2,278.00 \$22,278.00 \$496.00 \$12,299.60 \$13,717.70 \$40,000 \$18,717.70 \$4,159.49 \$400.00	MAP CONFIG, CLISTOMER PROVIDED CATA 911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING ADMIN CONFIG/STAGING PORTPHENTI-PERCEMBRICOUS Equipment (500) WALL MAY ASSM, 19", RATTE, Medium (5-12) PCS, BASED REC KIT - 4 Port SWITCH, CISCO, 2 WAN SINGLE, RATTE, 2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC, MAT., CARLES, RATTE, LOT PRINTER, HP Laserlet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Mort, Single UPS, APC BOONA, IWS pos. SUB-TOTAL Bystom Services (500, 700, 800) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WAS Per Pos. / Per Year UB-TOTAL ROCHITISH MARKERING, (1) Lot VIRUS PROTECTION, WAS Per Pos. / Per Year UB-TOTAL	Port Number EX.400001 EX.400002 EX.400002-A Oustom Servicos Sub-Ti Port Number EX.500001-48PWall EX.500002-PR EX.500003 EX.500005-1 EX.500007-8 EX.500007-8 EX.500001-8 EX.500017-8 EX.500017-8 EX.500017-8 EX.500018 EX.500018 EX.5000101 Port Number EX.700001 EX.600003 Professional Services S TOTAL NR Charges: Part Number EX.900003	1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 2



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EXHIBIT V - OAKLAND COUNTY SITE PRICING

Final Version - March 21, 2016

temote Call Handling Site with (0) CallStation Positions, (0) Phone Only Positions 8) Trunk Ports, (8) FXO Ports, Spares. urnkey Services from ECW, Local Support from MSI 1) year Softwere and remote support			Pos. Count 0 Yrs. 8pt 1		Site Name: Critical Spares Solution being Delivered: Calistation	
	Part Number	Telecom / Hardware Based Components (10	id) Unit Price	U/M	Est, Price	OFFER Pri
1	BCX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$1,512.00	\$1,670.
2	ECX100103	MONITOR, 22WM* FP, BLK	\$452.00	EA	\$904.00	\$640.
1	ECX100001-NS	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EĄ	\$1,350.00	\$955.
1	ECX100201	POLYCOM 650 STP PHONE	\$469.00	EA	\$468.00	\$331.
Ž	ECX100305	Media Gateway, 8 Port FXS or (CAMA) to SIP	\$1,085.00	EA	\$2,170.00	\$1,536.
2	BCX100311	Media Gateway, 8 port FXO to SIP	\$1,085.00	EA	\$2,170.00	\$1,536.
1	ECX500005-2	ROUTER, CISCO, 3 WAN ENTERPRISE/2911	\$4,106.00	EA	\$4,106.00	\$2,907.
1	ECX500017-8	IF to Serial Dist., 8 Port, Remote	\$2,289,60	EA	\$2,299.60	\$1,621.
1	ECX500104	PDU, APC Rack Mount, Horz., 16 ports	\$1,228.00	EA	\$1,228.00	\$869.
	Total Optional Spare	5			916.197.60	\$11,467.



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System (Camfiguracion:	Final Version - March 21, 20	76			
Host Exp ESinat Co Turnkay : 5 year So	ension to support another Or onnection to PFN vie 13 Stand Services from ECW, Including diware Support, HelpDesk/Re uipment Is same for Pos. Cou	n Local Support mote support, Mentioring	Pos. Count 0 Yrs. 8pt. 5		Sife Name: CLEMIS Expansion Solution being Delivered: Calistation	
Qty	Part Number	Telecom / Hardware Based Components (190)	Unit Price	U/M	Est. Price	OFFER Price
2	ECX100110-HAEF ECX100315	ECX Dual Server, Federated App. Assem., HA, EXP. Rack Shelf, Media Gateway, 2 GW per Shelf	\$21,500.00 \$32.00	EA EA	\$43,800.00 \$64.00	\$31,010.40 \$45.31
	Handware Sub-Total				\$43,564.00	\$31,055.71
Qty	Part Humber	Software Components (200)	Unit: Price	U/H	Est. Price	OFFER Price
1	ECX200009	SIPWORKS Enterprise, 13/IP INTERFACE License	\$79,995.00	EA	\$79,995.00	\$56,636.46
	Software Sub-Total				\$79,995.00	\$56,636.46
Cty	Part Number	Custom Services - Interfaces - Hap Data (400)	Unit Price	U/M	Est. Price	OFFER Price
20	ECX400004	CONFIG/STA/SING	\$110.00	UN	\$2,200.00	\$2,090.00
	Custom Services Sub-Tot				\$2,200.00	\$2,090.00
Ōl: _r	Port Munisber	Peripheral-Miscellaneous Equipment (500)	Unit Prics	U/M	Port. Prices	OFFER Price
ESTABLISHED TO THE						
2	ECX500002	HOST RACK CONFIG. KIT, 19", CUST PROV. RACK	\$4,900.00	EA	\$9,800.00	\$6,938.40 \$7,629.41
4	ECX500003	SWITCH, CISCO, 24-PORT POE, 10/100/1000	\$2,694.00	EA EA	\$10,776.00 \$3.600.00	\$7,629.91 \$2,518.80
2	BCX500007	MISC. MAT., CABLES, LOT	\$1,800.00 \$2,289.60	EA EA	\$4,579.20	\$3,242.07
2	ECX500017-8	IP to Serial Dist., 8 Port, Remote	\$2,289.00	EA	\$4,5/7.20	\$3,242.lss
	Peripherals / Network St	ρ-Total			\$28,755.20	\$20,358.68
Qty	Part Number	System Services (600, 700, 800)	Unit Price	U/M	Est. Price	OFFER Price
15	BDX700001	PROJECT MANAGEMENT, UNIT	\$900.00	EÁ	\$13,500.00	\$12,825.00
1	FCX700002	SYSTEM INSTALLATION, PRIMARY	\$18.577.70	LIN .	\$18,577.70	\$17,648.82
1	EC)900001	SYSTEM ENGINEERING, (1) Lot	\$6,192.57	UN	\$6,192.57	\$5,822.94
	Professional Services Sui	b-Total			\$38,270.27	\$36,356.76
****	TOTAL NR Charges:				\$193,084.47	\$146,497.61
Qty	Part Number	Recurring Maintenance Charges (900)	Unit: Price	U/H	E.st. Price	OFFER Price
1	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$51,996.75	ĒA	\$51,996,75	\$51,996.75
4	ECX900004	ONSITE MAINTENANCE, PER YEAR	\$10,062.92	EA	\$40,251.69	\$40,251.69
ī	ECX900004-0E	ONSITE MAINTENANCE, FIRST Year	\$5,108.87	EA	\$5,108.87	\$4,883.43
4	ECX900005	EXTENDED WARRANTY, Per YEAR (2-5)	\$2,178.58	EA	\$8,714.30	\$8,714.30
	Sub-Total Recurring Cha	rgest			\$105,071.61	\$105,816.17
1424	TOTAL COST DECIMA	NEPSHID:		/EAR(=)	\$990.156.80°	¢252 313 78



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EXHIBIT VI - NON-OAKLAND COUNTY SITE PRICING

Summary Page

Final Version - March 21, 2015

PSAP Non-Recurring Costs - ECW	Number of Positions	Hardwire Frontroom	Harriware Backgroun	Services Config	Services Install.	Transcript Barrier	On Site Estate refree	li de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	PSAP Total
Auburn Hills Police Dept.	4	\$17,486.18	\$6,974.22	\$10,435.75	\$26,878.39	5	\$30,528.02	\$4,145.83	\$96,448.40
Berkley Dept. of Public Safety	3	\$11,847.67	\$6,974.22	\$10,435.75	\$22,737.28	5	\$23,966.28	\$3,190.15	\$79,151.37
Birmingham Police Dept.	3	\$11,847.87	\$6,974.22	\$10,435.75	\$22,737.28	5	\$23,966.28	\$3,190.15	\$79,151.37
Bloomfield Hills Dept of PS	1.5	\$8,183.67	\$5,381.40	\$10,435.75	\$15,449.65	5	\$12,828.81	\$1,956.79	\$52,216.07
Bloomfield Twp PD	4	\$17,486.18	\$8,974.22	\$10,435.75	\$26,878.39	5	\$30,528.02	\$4,145.83	\$96,448.40
Farmington Hills PD	5	\$20,388.28	\$10,217.57	\$10,435.75	\$32,550.25	5	\$38,439.09	\$5,187.43	\$117,218.37
Ferndale PD	2	\$7,313.64	\$8,587.05	\$10,435.75	\$23,561.30	5	\$18,572.04	\$2,695.03	\$71,164.81
Hazel Park PD	2	\$8,850.00	\$6,974.22	\$10,435.75	\$22,980.86	5	\$18,572.04	\$2,682.07	\$70,494.94
Madison Heights PD	4	\$17,486.18	\$6,974.22	\$10,435.75	\$26,878.39	5	\$30,528.02	\$4,145.83	\$98,448.40
Novi Regional	4	\$17,486.18	\$6,974.22	\$10,435.75	\$26,878.39	5	\$30,528.02	\$4,145.83	\$96,448.40
Oak Park Dept. of PS	2	\$8,850.00	\$6,974.22	\$10,435.75	\$22,980.86	5	\$18,572.04	\$2,682.07	\$70,494.94
Oxford PD	2	\$8,850.00	\$6,974.22	\$10,435.75	\$22,980.86	5	\$18,572.04	\$2,682.07	\$70,494.94
Rochester PD	2	\$8,850.00	\$8,974.22	\$10,435.75	\$22,980.86	5	\$18,572.04	\$2,682.07	\$70,494.94
Royal Oak PD	5	\$20,388.28	\$10,217.57	\$10,435.75	\$32,550.25	5	\$38,439.09	\$5,187.43	\$117,218.37
Southfield PD	6	\$19,545.76	\$10,217.57	\$10,435.75	\$36,398.16	5	\$42,708.10	\$5,695.51	\$125,000.85
Troy PD	5	\$20,388.28	\$10,217.57	\$10,435.75	\$32,550.25	5	\$38,439.09	\$5,187.43	\$117,218.37
Waterford Twp. PD	5	\$20,388.28	\$10,217.57	\$10,435.75	\$32,550.25	5	\$38,439.09	\$5,187.43	\$117,218.37
West Bloomfield PD	5	\$20,388.28	\$10,217.57	\$10,435.75	\$32,550.25	5	\$38,439.09	\$5,187.43	\$117,218.37
White Lake Twp. PD	2	\$8,850.00	\$6,974.22	\$10,435.75	\$22,980.86	5	\$18,572.04	\$2,682.07	\$70,494.94
Oakland University	2	\$8,850.00	\$6,974.22	\$10,435.75	\$22,980.88	5	\$18,572.04	\$2,682.07	\$70,494.94

Total Pos. Count Redundant Host sites Total Months:

\$1,801,539.59

Total (20 Sites)

\$1,801,539.59

\$1,801,539.59

Total 60 Month Offer - \$1,801
***Cost to add PSAP's is same as above by Position Size

***Payment schedule as follows: * 20% at Contract Signing * 30% at PSAP Install * 30% at Cut Into Service * 20% at Final Acceptance



**** TOTAL COST OF OWNERSHIP:

EXCX9000005

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YEAR(s)

\$52,216.07

EXHIBIT VI - NON-OAKLAND COUNTY SITE PRICING

	Constigue at Lone	Final Version - Masch 21, 2016				
	Call Manager - Chin		Des Gerrei		4 th a 18 a may	
	Call Handling Site extivity to PFMInDigital pro-	idated Eclipsi	Pos. Count 1.5		Site Name: One Pos.	
	Services from ECW, Local:		1.6 Yrs. 8pt.		Solution being Delivered:	
	Software, remote support,		5 E		Calistation	
	d Local Project Technician,		•		Canotation	
337	Point Neumbour	Telecom / Hardware Based Components (100)) Unit Price	U/M	Est. Price	OFFER P
1	9CX100101	WKS PC, Dural Video, 4G RAM	\$1,512.00	EA	\$1,512.00	\$1,070
_	ECX100101	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	\$1,512.00	EA	\$0.00	\$0
	BCX100101-P	Portable ANS. Pos., Laptop/VoIP Tel./ Kit Assan.	\$3,900.00	EA	\$0.00	\$0
2	ECX100103	MONITOR, 22WM" FP, BLK	\$452,00	EA	\$904.00	\$1540
	ECX100104	MONITOR, 24V* FP, BLK	\$699.00	EA	\$0.00	\$1
	ECX100105-60	MONITOR, 60", LCD TV/Monitor	\$1,800,00	EA	\$0.00	\$1
1	9CX100001-NS	ALIDIÓ INTERFACE LIMIT (AIU)	\$1,350.00	EA	\$1,350.00	\$955
2	ECX100201	POLYCOM 650 SIP PHONE	\$468.00	EA	\$936.00	\$560
	ECX100204	Keypad, Genovation 24 Key, Model 683	\$189.00	EA	\$0.00	\$(
2	ECX100311	Media Gateway, 8 port FXO to SSP	\$1,085.00	EA	\$2,170.00	\$1,530
2	ECX100312	Media Gateway, 4 Port FXS or (CAMA) to SIP	\$610.00	EA	\$1,220.00	\$863
1	BCX100312-1	Media Gateway, 4 Fort FXS (Station Rec.)	\$610.00	EΑ	\$610.00	\$431
_	BCX100314	Media Gateway, FRI to SIP	\$5,485.00	EA	\$0.00 \$32.00	\$1 \$2:
1	ECXIOUS15 Hardware Sub-Total	Rack Shelf, Media Gateway, 2 GW per Shelf	\$32.00	ĒΑ	18,734.00	\$6,183
	Philosophic State (pear				400/3 (3-400)	2 2007 2232
1.7	Port Neumbeer	Software Components (200)	Unit: Price	W/M	Ext. Price	OFFER P
ı	ECX200001	CALLSTATION License	\$13,000,00	ΕA	\$13,000.00	\$1
1	BCX200004	DECISIONSTATION, SITE License	\$0.00	EA	\$2.00	\$1
1	ECX200006	ADMINISTATION, SITE LIGHTSE	\$0.00	EA	\$0.00	\$1
ī	BOX200007	MESSAGEWORKS, SITE License	\$0.00	EA	\$0.00	\$1
1	ECX200013	SIPStation License, Per Postion	\$495.00	EA	\$695.00	\$0
	ECX200014-R	Admin PRI Interface License, PSAP	\$6,700.00	ËΆ	\$5.00	\$1
	BCX200015	SIP Trunk Interface, ECW to Third Party	\$3,595,00	EA	\$0.00	\$0
No.	Software Sub-Total Part Number	Custom Services - Interfaces - Map Data (400)	Unit Price	U/M	\$13,6695.00 Ext. Price	40 OFFER Pr
1	ECX-100001	MAP CONFIG, CLISTOMER PROVIDED DATA	\$2,995.00	EΑ	\$2,995.00	\$2,849
1	ĐCX400002	911 TELECOM CONFIG/STAGING	\$3,995.00	EA	\$3,995.00	\$3,799
1	ECX400002-A	admin config/staging	\$3,995.00	EA	\$3,995.00	\$3,799
	Custom Services Sub-T	otal			\$10,985.00	\$10,435
zed wazu					Ent. Price	
	Port Haumber	Peripheral-Miscellaneous Equipment (500)	Limit Price	U/M	\$1,500.00	OFFER P
1	BCX500001-16PWall	WALL MNT ASSM, 19", RMTE, SMALL (1-1)	\$1,900.00 \$350.00	EA EA	\$350.00 \$350.00	\$240
1	ECX500002-PR	PÓS, BASED REC KIT - 4 Fort	51,026.03	EA	\$2,052.00	\$1,450
2	ECX500003-8 BCX500005-1	ŚWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunc IF	\$2,278.00	EA	\$2,032.00	\$1,755
	ECX500007-R				\$600.00	\$42
		MICH MAT PARKE BUTE KIT		FA		
1		MISC. MAT., CABLES, RMTE., LOT PRINTER HP Lace let Pro 200	\$600,000	EA EA	\$496.00	*
1	ECX500009-1	PRINTER, HP Laserdet Pro 200	\$600.00 \$486.00	EA	\$496.00 \$2,299.60	\$34
_	9CX500009-1 ECX500017-8	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote	\$600.00 \$496.00 \$2,289.60	EA EA	\$2,299.60	\$34 \$1,621
1	90x500009-1 90x500017-8 90x500018	PRINTER, HP Lasedet Pro 200 1P to Serial Dist., 8 Port, Remote SIP External Ringer / Horm, Single	\$600.00 \$486.00	EA		\$34- \$1,621 \$1
1	9CX500009-1 ECX500017-8	PRINTER, HP Laseslet Pro 200 IP to Senal Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos.	\$600.00 \$486.00 \$2,289.60 \$513.00	EA EA	\$2,289.60 \$0.00	\$34- \$1,62: \$1 \$200
1	80x500009-1 80x500017-8 80x500018 80x500101	PRINTER, HP Laseslet Pro 200 IP to Senal Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos.	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00	EA EA EA	\$2,289.60 \$0.00 \$295.00 \$7,572.60	\$34 \$1,621 \$1 \$200 \$5,261
1	80x500009-1 80x500017-8 80x500018 80x500101	PRINTER, HP Laseslet Pro 200 IP to Senal Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos.	\$400.00 \$486.00 \$2,289.60 \$513.00 \$295.00	EA EA	\$2,249.60 \$0.00 \$295.00	\$34 \$1,631 \$1 \$200 \$5,361 Offer P
1	80x500009-1 ECX500017-8 80x500018 ECX500101 Perhipherals / Natwork	PRINTER, HP LaserJet Pro 200 IP to Senal Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. Sub-Total System Sendoes (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students)	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00	EX EX EX U/M EX	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Ext. Prico \$5,000.00	\$34- \$1,621 \$200 \$200 \$5,361 Offer Po \$4,750
1 1 1	ECX50009-1 ECX500017-8 ECX500018 ECX500101 Pertipherals / Network Part Number ECX600001 ECX700001	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. Sub-Total System Services (600, 700, 800) CS USER/ALMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00	EX EX EX EX EX EX EX	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Ent. Price \$5,000.00 \$4,500.00	\$34- \$1,621 \$1 \$208 \$5,361 OFFER P \$4,750 \$4,279
1 1 1 1 5	ECK50009-1 ECK500017-8 ECK500018 ECK500101 Pertipherals / Network Part Number ECK500001 ECK700001 ECK700002	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1975 pos. Sub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 \$295.00 \$5,000.00 \$900.00 \$5,533.19	EX EX EX U/M EX EX UN	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Est. Prico \$5,000.00 \$4,500.00 \$5,533.19	\$34- \$1,621 \$206 \$206 \$5,261 OFFER P \$4,756 \$4,279 \$5,256
1 1 1 5 1 1	### ##################################	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. Sub-Total System Services (600,700,800) CS USER/ARMIN OPPS TAN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 \$1,000.00 \$5,000.00 \$5,533.19 \$1,229.60	EA EA EA U/M EA EA UN	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Est. Prico \$5,000.00 \$4,500.00 \$5,533.19 \$1,229.60	\$34- \$1,621 \$206 \$5,361 OFFER P. \$4,750 \$4,275 \$5,256 \$1,166
1 1 1 5 1	### ##################################	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UFS, APC 800VA, 1995 pos. Sub-Total System Services (600, 700, 800) CS USER/ALMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WAS. – Per Pos. / Per Year	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 \$295.00 \$5,000.00 \$900.00 \$5,533.19	EX EX EX U/M EX EX UN	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Est. Prico \$5,000.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00	\$34 \$1,62 \$20 \$5,305 OFFER P \$4,75 \$4,27 \$5,23 \$1,16
1 1 1 5 1 1 5 1 1 5	ECK50009-1 ECK500017-8 ECK500018 ECK500101 Pertipherals / Network Part Number ECK500001 ECK700001 ECK700002 ECK800003 Professional Services (PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. Sub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTREAMING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year 500-Total	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 \$1,000.00 \$5,000.00 \$5,533.19 \$1,229.60	EA EA EA U/M EA EA UN	\$2,289.60 \$0.00 \$295.00 \$7,572.60 \$12,9700.00 \$4,500.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00 \$10,567.79	\$3+ \$1,622 \$11 \$200 \$5,961 OFFER P \$4,751 \$4,272 \$5,251 \$1,161 \$115,445
1 1 1 5 1 1 5 1 1 5	ECK50009-1 ECK500017-8 ECK500018 ECK500101 Peripherals / Network Part Number ECK500001 ECK700001 ECK700002 ECK800001 ECK800003 Professional Services (PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. Sub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTREAMING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year 500-Total	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 \$1,000.00 \$5,000.00 \$5,533.19 \$1,229.60	EA EA EA U/M EA EA UN	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Est. Prico \$5,000.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00	\$3+ \$1,622 \$11 \$200 \$5,961 OFFER P \$4,751 \$4,272 \$5,251 \$1,161 \$115,445
1 1 1 1 5 1 1 5	ECX50009-1 ECX500017-8 ECX500018 ECX500101 Peripherals / Network Pert Number ECX600001 ECX700001 ECX700002 ECX800003 Professional Services to	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1995 pos. Sub-Total System Services (600, 700, 800) CS USER/ALMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, WKS. – Per Pos. / Per Year Sub-Total Recurring Maintenance Charges (900)	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$5,533.19 \$1,229.60 \$60.00	EA EA EA EA U/M EA UN UN EA	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Est. Price \$5,000.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00 \$10,567479 \$57,549.39 Est. Price	\$3+ \$1,622 \$200 \$5,942 \$4,751 \$4,272 \$5,252 \$1,164 \$15,442 \$37,430
1 1 1 5 1 1 5 5 1 1 5 1 1 5 1 1 1 5 1 1 1 5 1	ECX50009-1 ECX500017-8 ECX500018 ECX500101 Pertipherals / Network ECX500001 ECX700001 ECX700001 ECX700002 ECX800001 ECX800003 Professional Services Part Number ECX900003	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. Sub-Total System Services (600, 700, 800) CS USER/ALMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$5,533.19 \$1,229.60 \$60.00 Unit Price \$8,901.75	EA EA EA EA U/M EA UN EA UN EA	\$2,289.60 \$0.00 \$295.00 \$7,572.60 \$12,9700.00 \$4,500.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00 \$10,567279 \$57,549.39 Est. Price \$8,901.75	\$344 \$1,621 \$202 \$5,361 OFFER PA \$4,750 \$4,275 \$5,256 \$1,166 \$15,449 \$37,430
1 1 1 1 5 1 1 5 5 1 1 4	ECX50009-1 ECX500017-8 ECX500018 ECX500101 Pertipherals / Network Part Number ECX600001 ECX700001 ECX700002 ECXB00003 Professional Services I TOTAL NR Charges Part Number ECX900003 ECX900003 ECX900004	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1975 pos. Sub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, Per YEAR	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 \$5,000.00 \$5,000.00 \$5,533.19 \$1,229.60 \$60.00 Unik Price \$8,901.75 \$2,869.06	U/M EA UIN UN EA UV/M EA	\$2,289.60 \$0.00 \$295.00 \$7,572.60 Ext. Price \$5,000.00 \$4,500.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00 \$10,562.79 \$57,549.39 Ext. Price \$8,901.75 \$11,476.25	\$344 \$1,621 \$202 \$5,361 \$5,361 \$4,751 \$4,255 \$1,162 \$15,49 \$37,430 Offer P
1 1 1 5 1 1 5 5 1 1 5 5 1 1 1 5 5	ECX50009-1 ECX500017-8 ECX500018 ECX500101 Pertipherals / Network ECX500001 ECX700001 ECX700001 ECX700002 ECX800001 ECX800003 Professional Services Part Number ECX900003	PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, 1WS pos. Sub-Total System Services (600, 700, 800) CS USER/ALMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENSTALLATION, PRIMARY SYSTEM ENSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year Sub-Total Recurring Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR	\$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$5,533.19 \$1,229.60 \$60.00 Unit Price \$8,901.75	EA EA EA EA U/M EA UN EA UN EA	\$2,289.60 \$0.00 \$295.00 \$7,572.60 \$12,9700.00 \$4,500.00 \$4,500.00 \$5,533.19 \$1,229.60 \$300.00 \$10,567279 \$57,549.39 Est. Price \$8,901.75	\$34 \$1,62: \$200 \$5,365 \$4,75: \$4,75: \$4,27: \$5,25: \$1,16: \$15,445 \$37,430 Offer P

EXTENDED WARRANTY, Per YEAR



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EXILIDIDIT MXS PC, Dual Video, 45 RAM, (ACD Wallboards) \$1,1512.00 EA 9.0 EXILIDIDITAL Portable MXS, Pos., Laptopy Not.) Tel. / RX Assm. \$3,500.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$699.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$699.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$699.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$699.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$699.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$699.00 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EXILIDIDITAL PORTABLE MXS. \$1,280 EA 9.1,280 EA 9		Configuration:	Final Version - March 21, 2016			
Connectivity or PFNMDigital provided EShet Yes Spit Support Yes Spit Support Yes Spit Support Yes Spit Support Yes Spit Support Yes Spit Support Yes Spit Support Yes Spit Yes Spit Support Yes Spit Yes S				Pos. Count		
Section Part Number Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person Fundamental Person	Conne	ctivity to PFWInDigital pro	wided ESInet			
Commonstrates				Yrs. Spt		
Description				5		
EXILIDIDID WISS PC, Dual Video, 46 RAM EXILIDIDIDID WISS PC, Dual Video, 46 RAM (ACD Walliboards) EXILIDIDIDID Portable AMS. Pos., Laptop/VoIP Tel./ Nrt Assm. EXILIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDI	UNIVERSAL PROPERTY.			Unit Price	177.	0स्मास्य १ न्ह
EXILIDIDID WISS FC, Dual Video, 46 RAM, (ACD Walliboards) \$1,552.00 EA \$1.00 EXILIDIDID P Portable ARIS Port. Lapton/NOT Pel / Rt Assm. \$3,500.00 EA \$1.280 EXILIDIDID MONITOR, 22/MY FP, BLK \$495.00 EA \$1.280 EXILIDIDID MONITOR, 60°, LCD TV/Monitor \$1,800.00 EA \$1.00 EXILIDIDID SOLUTION \$1,800.00 EA \$1.00 EXILIDIDID SOLUTION \$1,800.00 EA \$1.00 EXILIDIDID SOLUTION \$1,800.00 EA \$1.00 EXILIDIDID Keypad, Genovitor 24 Keyp Model 633 \$1.00 EA \$1.00 EXILIDIDID Keypad, Genovitor 24 Keyp Model 633 \$1.00 EA \$1.00 EXILIDIDID Media Gatewiny, 8 port PXO to 519 \$1,000.00 EA \$1.00 EXILIDIDID Media Gatewiny, 9 Port PXO to 519 \$1,000.00 EXILIDIDIDID Media Gatewiny, 9 Port PXO to 519 \$1,000.00 EXILIDIDIDID Media Gatewiny, 9 Port PXO to 510 \$1.00 EXILIDIDIDID Media Gatewiny, 9 Port PXO to 510 EXILIDIDIDID Media Gatewiny, 9 Port PXO to 510 \$1.00 EXILIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDIDI			WKS PC, Dual Video, 4G RAM			\$2,140.9
EXILIDATION PROMITTOR, 24W FP, BLK					EA	\$0.0
EXILIDIDID		ECX100101-P		\$3,500.00	EA.	\$0.0
EXXX00105-60 MONITIOR, off, LED TYMPortions	4	ECX100103		\$452.00		\$1,280.
2 EXXX00001-NS AUDIO INTERPRACE UNIT (AUD) \$1,350.00 EA \$1,911. 2 EXXX00201 POLYCOM 50S SID PHONE \$468.00 EA \$662. EXXX002014 Keypad, Genovation 24 Key, Model 683 \$199.00 EA \$9.00 2 EXXX00312 Media Gateway, PA PAT PSX Graction Rec.) \$610.00 EA \$933.1 1 EXXX00314 Media Gateway, PAT PSX Graction Rec.) \$510.00 EA \$931.1 1 EXXX00314 Media Gateway, PAT PSX Graction Rec.) \$100.00 EA \$931.1 1 EXXX00314 Media Gateway, PAT PSX Graction Rec.) \$100.00 EA \$132.00 EA \$122.00 Hardware Sub-Total Sack Self-Bi-Media Gateway, PAT PSX Graction Rec.) \$100.00 EA \$22.00 \$100.00 EA \$22.00 EA \$22.00 EA \$22.00 EA \$22.00 EA \$22.00 EA \$22.00 EA \$2.00 EA \$2.00 EA \$3.00 EA \$3.00 EA \$3.00 EA \$3.00 EA \$3.00 EA \$3.00		ECX100104				\$0.0
EXILIDIZO14						\$0.
EXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						
2 EXXX00311 Media Gareway, 8 port PXO to SID \$1,086,00 EA \$1,536 2 EXXX00312 Media Gareway, 4 Port PXO (Suzion Rec.) \$10,00 EA \$431. 1 EXXX00312-1 Media Gareway, 4 Port PXO (Suzion Rec.) \$10,00 EA \$431. 1 EXXX00313-1 Media Gareway, PXT to SID \$5,5435.00 EA \$431. 1 EXXX00315 Rack Shelf, Media Gareway, 2 GW per Shelf \$32,00 EA \$22. 1 ExxX00315 Rack Shelf, Media Gareway, 2 GW per Shelf \$32,00 EA \$22. 1 EXXX00315 Rack Shelf, Media Gareway, 2 GW per Shelf \$32,00 EA \$22. 1 EXXX00315 Rack Shelf, Media Gareway, 2 GW per Shelf \$32,00 EA \$22. 2 EXXX00315 CALLSTATION (Licens \$13,000.00 EA \$22. 2 EXXX00316 DAILSTATION (Licens \$13,000.00 EA \$10.00 E	2					
EXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	•					
EXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						
EXX.00314 Media Gateway, RRI to SIP \$5,435.00 EA \$0.00315 EA \$2.00315 Rack Shelf, Media Gateway, 2 GW per Shelf \$32.00 EA \$22.00 EA \$22.00315 EA \$						
ECX100315 Rack Shelf, Media Gateway, 2 GW per Shelf \$32.00 EA \$22.00 EA \$32.00 EA \$32.00 EA \$32.00 EA \$32.00 EA \$32.00 EA \$32.00 EA \$30.00 EA	1					
Hardware Sub-Total	1					
EC200001	1		Nation and price to be be a steel	752300		\$8,850.
ECZ00001			(000)		17/7	()3:-
EC2000014 DECISIONISTATION, STIE License \$0.00 EA					fermen in an arrangement	
1 ECC20006 ADMINISTATION, SITE License \$0.00 EA \$0.00 EA \$0.00 EA \$0.00 ECC200014-R Admin PRI Interface License, PSAP \$6,700.00 EA \$0.00 ECC200015-R Admin PRI Interface License, PSAP \$6,700.00 EA \$0.00 ECC200015-R Admin PRI Interface, ECW to Third Party \$3,595.00 EA \$0.00 EA \$0.00 ECC200015-TURN Interface, ECW to Third Party \$3,595.00 EA \$0.00 EA \$0.00 ECC200015-TURN Interface, ECW to Third Party \$3,595.00 EA \$0.00 EA \$0.00 ECC200015-TURN Interface, ECW to Third Party \$3,595.00 EA \$1,2845-TURN INTERFACE ECW TOWN INTERFA						
ECC2000017 MESSAGEWORKS, SITE License \$0.00 EA \$0 ECC200014-R Admin PRI Interface License, PSAP \$6,700.00 EA \$0 ECC200015 SIP Trunk Interface, ECW to Third Party \$3,595.00 EA \$0 Software Sub-Total \$0.00 Software Sub-To						
ECX200014-R ECX200015 SIP Trunk Interface License, PSAP \$6,700.00 EA \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Software Sub-Total \$0 Map CoxPice, CUSTOMER PROVIDED DATA \$2,995.00 EA \$2,845						
COUNTRY COUN	•					\$0.
Other Custom Services					EA	\$0.
1 ECX400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA \$2,845.1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA \$3,795. 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA \$3,795. CUSTOM Services Sub-Total \$10,855. CUSTOM Services Sub-Total \$10,855. CUSTOM Services Sub-Total \$10,855. CUSTOM Services Sub-Total \$1,065.2 Sub-Total \$10,855.2 Sub-Total \$1,065.2 Sub-Total \$		Software Sub-Total				\$0.
1 ECX400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA \$2,845.1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA \$3,795. 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA \$3,795. CUSTOM Services Sub-Total \$10,855. CUSTOM Services Sub-Total \$10,855. CDS PACE Number Peripheral-Miscellaneous Equipment (500) Unit Price U/M OFFER Price 1 ECX500001-I6PWall WALL MINT ASSM, 1,97, RMTE, SMALL (1-4) \$1,500.00 EA \$1,062.1 ECX500002-PR POS. BASED REC KIT - 4 Port \$350.00 EA \$1,452.2 ECX500003-8 SWITCH, CISCO, 8-PORT POE, 10/100/1000 \$1,026.00 EA \$1,452.1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Tunk IF \$2,278.00 EA \$1,612.1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Tunk IF \$2,278.00 EA \$1,612.1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Tunk IF \$2,278.00 EA \$1,612.1 ECX500007-R MISC, NAT., CABLES, RMTE, LOT \$600.00 EA \$444.1 ECX500007-R MISC, NAT., CABLES, RMTE, LOT \$600.00 EA \$4424.1 ECX500001-B PRINTER, HP Laserlet Pro 200 \$466.00 EA \$4424.1 ECX500001-B PRINTER, HP Laserlet Pro 200 \$466.00 EA \$1,621. ECX500018 SIP External Ringer / Horn, Single \$513.00 EA \$1,621. ECX500101 UPS, APC 800VA, IN/S pos. \$295.00 EA \$1,621. ECX500101 UPS, APC 800VA, IN/S pos. \$295.00 EA \$208. Peripherals / Network Sub-Total \$6,974. City Part Number System Services (600, 700, 800) Unit Price U/M OFFER Price Info Common System Services (600, 700, 800) Unit Price U/M OFFER Price Info Common System Installation, Primarry \$6,010.31 UN \$7,609.1 EA \$5,100.00 EA \$5,100.00 EA \$5,100.00 EA \$5,100.00 EA \$5,100.00 EA \$5,200.00 EA \$5,100.00 EA \$5,200.00 EA	77.94		Contact Species - Total Cook - Mars Data (408)	libriet Deizea		Olaser Na
1 ECX400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA \$3,795. 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA \$3,795. Oistom Services Sub-Total \$10,455. Oistom Services Sub-Total \$10,455. Oistom Services Sub-Total \$10,455. Oistom Services Sub-Total \$10,455. Oistom Services Sub-Total \$10,455. Oistom Services Sub-Total \$1,062.00 Unit Price U/M OFFER Price 1 ECX50001-16PWall WALL MINT ASSM, 19°, RMTE, SMALL (1-4) \$1,500.00 EA \$1,062.01 EA \$1,062.01 EA \$1,062.01 EA \$1,062.01 EA \$1,062.01 EA \$1,062.01 EA \$1,452.01 ECX500003-8 SWITCH, CISCO, 2-PORT POE, 10/100/1000 \$1,026.00 EA \$1,452.01 ECX500005-1 ROUTER, CISCO, 2-WAN SINGLE/RMTE/2901 \$2,278.00 EA \$1,612.02 ECX500005-1 ROUTER, CISCO, 2-WAN SINGLE/RMTE/2901 \$2,278.00 EA \$1,612.02 ECX500007-R MISC. NAT., CABLES, RMTE, LOT \$600.00 EA \$424.1 ECX500007-R MISC. NAT., CABLES, RMTE, LOT \$600.00 EA \$424.1 ECX500017-8 IP to Serial Dist, 8 Port, Remote \$2,289.00 EA \$1,621.02 ECX500018 SIP External Ringer / Horn, Single \$511.00 EA \$1.00.00 EA \$2.00.00 EA \$1.00.00 EA \$2.00.00 EA \$1.00.00 EA \$2.00.0		FCX400001				\$2,845.
Company						\$3,795.
Part Number		ECX400002-A	ADMIN CONFIG/STAGING		<u>e</u> à	\$3,795.
ECG00001-16PWall WALL MNT ASSM, 19°, RMTE, SMÂLL (1-4) \$1,500.00 EA \$1,062		Custom Services Sub-	Total			\$10,435.7
ECX500001-16PWall WALL MNT ASSM, 19°, RMTE, SMALL (1-4) \$1,500.00 EA \$1,062.						
1 ECX500002-PR POS. BASED REC KIT - 4 Port	Toy.	Part Number	Perioberal-Miscellaneous Equipment (500)	Unit Price	W/C	Office Pri
1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA \$1,612. ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA \$0. 1 ECX500007-R MISC, MAT., CABLES, RMTE, LOT \$600.00 EA \$424. 1 ECX50001-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA \$344. 1 ECX500017-8 IP to Serial Dist, 8 Port, Remote \$2,289.60 EA \$1,621. ECX500018 SIP External Ringer / Horn, Single \$513.00 EA \$0. 1 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA \$208. Peripherals / Network Sub-Total \$6,974. Cty Part Number System Services (600, 700, 800) Unit Price U/M OFFER Price Common Project Management, Unit \$4900.00 EA \$4,750.00 EA						
ECX500005-1 RCUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA \$40.00	1	ECX500001-16PWall	WALL MNT ASSM, 19°, RMTE, SMALL (1-4)	\$1,500.00	EA	\$1,062.
1 ECX500007-R MISC. NAT., CABLES, RMTE, LOT \$600.00 EA \$424. 1 ECX500009-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA \$344. 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,269.60 EA \$1,621. ECX500018 SIP External Ringer / Horn, Single \$513.00 EA \$0.00 EA \$208. 1 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA \$208. Peripherals / Network Sub-Total \$6,974. (by Part Number System Services (600, 700, 800) Unit Price U/M OFFER Price	1	ECX500001-16PWall ECX500002-PR	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port	\$1,500.00 \$350.00	EA EA	\$1,062. \$247.
1 ECX50009-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA \$344. 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA \$1,621. ECX500018 SIP External Ringer / Horn, Single \$513.00 EA \$0.00 EX \$1,621. ECX500101 UPS, APC 800VA, IN/S pos. \$295.00 EA \$208. Peripherals / Network Sub-Total \$5,974. Oty Part Number System Services (600, 700, 800) Unit Price U/M OFFER Prices (600, 700, 800) 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA \$4,750.60 EX \$208. 1 ECX700001 PROJECT MANAGEMENT, UNIT \$900.00 EA \$5,130. 1 ECX700002 SYSTEM INSTALLATION, PRIMARY \$8,010.31 UN \$7,609. 1 ECX800001 SYSTEM SIGNERING, (1) Lot \$1,780.07 UN \$1,691. 10 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA \$0.00 EA \$3,800. Professional Services Sub-Total \$1,000.00 EA \$3,800. Professional Services Sub-Total \$22,980. ***** TOTAL NR Charges: \$49,240. Oty Part Number Recurring Maintenance Charges (900) Unit Price U/M OFFER Prices Professional Services Sub-Total \$22,980. ***** TOTAL NR Charges: \$49,240. ONSITE MAINTENANCE, Per YEAR \$16,000.00 EA \$1,601.31 ECX900004 ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$1,661.31 ECX900004-OE ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$1,661.31 ECX900004-OE ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$1,661.31 ECX900004-OE ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$1,661.31 ECX900005-EXTENDED WARRANTY, Per YEAR \$1,958.07 EA \$1,958.	1 1 2	ECX500001-16PWall ECX500002-PR ECX500003-8	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000	\$1,500.00 \$350.00 \$1,026.00	ea ea ea	\$1,062. \$247. \$1,452.
1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,269.60 EA \$1,621. ECX500018 SIP External Ringer / Horn, Single \$513.00 EA \$0. 1 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA \$208. Peripherals / Network Sub-Total \$6,974. Oty Part Number System Services (600, 700, 800) Unit Price U/M OFFER Price	1 1 2	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITICH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00	ea ea ea ea	\$1,062. \$247. \$1,452. \$1,612.
ECX50018 SIP External Ringer / Horn, Single \$513.00 EA \$0.00	1 1 2 1	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500005-1	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00	ea ea ea ea ea	\$1,062 \$247. \$1,452 \$1,612. \$0. \$424.
1 EC/S00101 UPS, APC 800VA, IN/S pos. \$295.00 EA \$208. Peripherals / Network Sub-Total \$6,974. (Ny Part Number System Services (600,700,800) Unit Price U/M OFFER Price (Fig. 1) EC/S00001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA \$4,750.6 ECX/700001 PROJECT MANAGEMENT, UNIT \$900.00 EA \$5,130.1 ECX/700002 SYSTEM INSTALLATION, PRIMARY \$8,010.31 UN \$7,609.1 ECX800001 SYSTEM ENGINEERING, (1) Lot \$1,780.07 UN \$1,691.1 ECX800003 VIRUS PROTECTION, W/S Per Pos. / Per Year \$60.00 EA \$0.00 EA \$3,800.1 Professional Services Sub-Total \$22,980. ***********************************	1 1 2 1	ECX50001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500005-1 ECX500007-R	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS, BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00	EA EA EA EA EA EA	\$1,062 \$247. \$1,452 \$1,612. \$0 \$424. \$344
Peripherals / Network Sub-Total \$6,974.	1 1 2 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0009-1 ECISO00017-8	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITICH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60	EA EA EA EA EA EA	\$1,062 \$247, \$1,452 \$1,612. \$0 \$424 \$344 \$1,621.
Oty Part Number System Services (600, 700, 800) Unit Price U/M OFFER Prices 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA \$4,750 6 ECX700001 PROJECT MANAGEMENT, UNIT \$900.00 EA \$5,130 1 ECX700002 SYSTEM INSTALLATION, PRIMARY \$8,010.31 UN \$7,609 1 ECX800001 SYSTEM ENGINEERING, (1) Lot \$1,780.07 UN \$1,691 10 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA \$0 \$0 4 ECX800004 CUSTOM SERVICES – TBD \$1,000.00 EA \$3,800 Professional Services Sub-Total \$22,980. ***** TOTAL NR Charges: \$49,240. TOTAL NR Charges: \$49,240. \$40,000 EA \$1,600.00 EA	1 1 2 1 1 1 1	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500007-R ECX500007-R ECX5000017-8 ECX500017-8 ECX500018	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00	EA EA EA EA EA EA EA EA	\$1,062 \$247 \$1,452 \$1,612 \$0 \$424 \$1,621
1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA \$4,750 6 ECX700001 PROJECT MANAGEMENT, UNIT \$900.00 EA \$5,130 1 ECX700002 SYSTEM INSTALLATION, PRIMARY \$8,010.31 UN \$7,609 1 ECX800001 SYSTEM ENGINEERING, (1) Lot \$1,780.07 UN \$1,691 10 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA \$0.00 EA \$3,800 Professional Services Student	1 2 1 1 1 1	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500005-1 ECX500007-R ECX500009-1 ECX500017-8 ECX500018 ECX500101	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8 P-ORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos.	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00	EA EA EA EA EA EA EA EA	\$1,062 \$247 \$1,452 \$1,612 \$0 \$424 \$344 \$1,621 \$0 \$208
6 ECX700001 PROJECT MANAGEMENT, UNIT \$900.00 EA \$5,130 1 ECX700002 SYSTEM INSTALLATION, PRIMARY \$8,010.31 UN \$7,609 1 ECX800001 SYSTEM ENGINEERING, (1) Loc \$1,780.07 UN \$1,691 10 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA \$0 4 ECX800004 CUSTOM SERVICES – TBD \$1,000.00 EA \$3,800 Professional Services Still-Total \$22,880 ***** TOTAL NR Charges: \$49,240. **** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,153.49 EA \$1,600.00 EA \$1,600.0	1 2 1 1 1 1	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500005-1 ECX500007-R ECX500009-1 ECX500017-8 ECX500018 ECX500101	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8 P-ORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos.	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00	EA EA EA EA EA EA EA EA	\$1,062 \$247. \$1,452. \$1,612. \$0. \$424. \$344. \$1,621. \$0. \$208.
1 ECX700002 SYSTEM INSTALLATION, PRIMARY \$8,010.31 UN \$7,609 1 ECX800001 SYSTEM ENGINEERING, (1) Loc \$1,780.07 UN \$1,691. 10 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA \$0.00 EA \$3,800. 2 ECX800004 CUSTOM SERVICES – TBD \$1,000.00 EA \$3,800. 2 Professional Services Sub-Total \$22,980. ***** TOTAL NR Charges: \$49,240. ****** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$40,240. ***** TOTAL NR Charges: \$40,240. *****	1 2 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0009-1 ECISO00017-8 ECISO0017-8 ECISO0018 ECISO0101 Peripherals / Nistwo-	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE,, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. (SU)-Total	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00	ea ea ea ea ea ea ea ea ea	\$1,062 \$247. \$1,452 \$1,612. \$0 \$424 \$344 \$1,621. \$0 \$208.
1 ECX800001 SYSTEM ENGINEERING, (1) Lot \$1,780.07 UN \$1,691. 10 ECX800003 VIRUS PROTECTION, W.S Per Pos. / Per Year \$60.00 EA \$0.00 Professional Services Sub-Total \$1,000.00 EA \$3,800 Professional Services Sub-Total \$22,980. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. ***** TOTAL NR Charges: \$49,240. **** TOTAL NR Charges: \$49,240. ***** TOTAL NR C	1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0009-1 ECISO00017-8 ECISO0017-8 ECISO0018 ECISO00101 Peripherals / Network	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. k Sub-Total System Services (600, 700, 800)	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00	EA EA EA EA EA EA EA EA	\$1,062. \$247. \$1,452. \$1,612. \$0. \$424. \$344. \$1,621. \$0. \$208. \$5,974.
10 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA \$3,800 4 ECX800004 CUSTOM SERVICES – TBD \$1,000.00 EA \$3,800 Professional Services Sub-Total \$22,980. **** TOTAL NR Charges: \$49,240. (by Part Number Recurring Maintenance Charges (900) Unit Price U/M OFFER Price 1 ECX900003 SYSTEM SUPPORT, 5 YEAR \$16,900.00 EA \$0,000 EA \$1,600.00 EA \$	1 1 1 1 1 1 1 1 1 1	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500007-R ECX500007-R ECX5000017-8 ECX500017-8 ECX500018 ECX500101 Peripherals / Network	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS, BASED REC KIT - 4 Port SVITICH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC, MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, TWS pos. KSub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students)	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00	EA EA EA EA EA EA EA EA	\$1,052. \$247. \$1,452. \$1,612. \$0. \$424. \$344. \$1,621. \$0. \$208. \$5,974.
4 ECX90004 CUSTOM SERVICES – TBD \$1,000.00 EA \$3,800 Professional Services Sub-Total \$22,980. **** TOTAL NR Charges: \$49,240. Oby Part Number Recurring Maintenance Charges (900) Unit Price U/M OFFER Price 1 ECX900003 SYSTEM SUPPORT, 5 YEAR \$16,900.00 EA \$0.000 EA \$1,600.00 EA	1 1 1 1 1 1 6	ECISO0001-16PWall ECISO0002-R ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0009-1 ECISO00017-8 ECISO0017-8 ECISO00101 Periplierals / Network Part Number ECISO0001 ECISO0001 ECISO0001	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITICH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, TWS pos. KSID-TOTAL System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00	EA EA EA EA EA EA EA EA EA	\$1,062. \$247. \$1,452. \$1,612. \$0. \$424. \$344. \$1,621. \$0. \$208. \$5,974.
Professional Services Sub-Total \$22,980.	1 1 1 1 1 1 6 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0009-1 ECISO0009-1 ECISO00017-8 ECISO00010 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SVITICH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist, 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. k Sub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$486.00 \$2,283.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$8,010.31 \$1,780.07	EA EA EA EA EA EA EA EA EA EA UM	\$1,062 \$247. \$1,452 \$1,612. \$0 \$424 \$344 \$1,621 \$0 \$208. \$5,974. \$4,750 \$5,130 \$7,609 \$1,691
***** TOTAL NR Charges: \$49,240. Oxy Part Number Recurring Maintenance Charges (900) Unit Price U/M OFFER Pri 1 ECX900003 SYSTEM SUPPORT, 5 YEAR \$16,900.00 EA \$0 4 ECX900004 ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$16,613 1 ECX900004-OE ONSITE MAINTENANCE, FIRST Year \$1,958.07 EA \$1,958. 4 ECX900005 EXTENDED WARRANTY, Per YEAR \$670.52 EA \$2,682	1 1 1 1 1 1 6 1 1	ECX500001-16PWall ECX500002-PR ECX500003-8 ECX500005-1 ECX500007-R ECX500007-R ECX500001-8 ECX500018 ECX500101 Peripherals / Network Part Number ECX600001 ECX700001 ECX700001 ECX700001 ECX800001 ECX800001 ECX800001	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, TWS pos. KSUD-TOTAL SYSTEM SERVICES (600, 700, 800) CS USER/ADMITN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00	EA EA EA EA EA EA EA EA EA EA EA UN EA	\$1,062 \$247, \$1,452 \$1,612 \$0, \$424 \$344 \$1,621 \$0, \$208 \$6,974. CIFFER PG \$4,750, \$5,130 \$7,609 \$1,691 \$0,900 \$1,691
Oty Part Number Recurring Maintenance Charges (900) Unit Price U/M OFFER Price 1 ECX900003 SYSTEM SUPPORT, 5 YEAR \$16,900.00 EA \$0 4 ECX900004 ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$16,613 1 ECX900004-OE ONSITE MAINTENANCE, FIRST Year \$1,958.07 EA \$1,958 4 ECX900005 EXTENDED WARRANTY, Per YEAR \$670.52 EA \$2,682	1 1 2 1 1 1 1 1 1 1 6 1 1 1 1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0009-1 ECISO00017-8 ECISO00018 ECISO0010 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. (STAPT GTA) SYSTEM SERVICES (GOD, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year CUSTOM SERVICES – TBO	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00	EA EA EA EA EA EA EA EA EA EA EA UN EA	\$1,062 \$247 \$1,452 \$1,612 \$0 \$424 \$1,621 \$0 \$208 \$6,974 OFFER D: \$4,750 \$5,130 \$7,609 \$1,631 \$0
1 ECX900003 SYSTEM SUPPORT, 5 YEAR \$16,900.00 EA \$0 4 ECX900004 ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$16,613 1 ECX900004-OE ONSITE MAINTENANCE, FIRST Year \$1,958.07 EA \$1,958 4 ECX900005 EXTENDED WARRANTY, Per YEAR \$670.52 EA \$2,682	1 1 2 1 1 1 1 1 1 6 1 1 1 1 6 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0007-R ECISO0017-8 ECISO0017-8 ECISO0011 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001 ECISO0001 ECISO0003 ECISO0003 ECISO0003 ECISO0004 Professional Services	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. *Sub-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. — Per Pos. / Per Year CUSTOM SERVICES — TBD	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00	EA EA EA EA EA EA EA EA EA EA EA UN EA	\$1,062 \$247 \$1,452 \$1,612 \$0 \$424 \$344 \$1,621 \$0 \$208 \$6,974 \$4,750 \$5,300 \$7,609 \$1,691 \$3,800 \$22,980
4 ECX900004 ONSITE MAINTENANCE, Per YEAR \$4,153.49 EA \$16,613 1 ECX900004-OE ONSITE MAINTENANCE, FIRST Year \$1,958.07 EA \$1,958 4 ECX900005 EXTENDED WARRANTY, Per YEAR \$670.52 EA \$2,682	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0009-1 ECISO00017-8 ECISO00018 ECISO00101 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECISO0001	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. NAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. KSUD-Total System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year CUSTOM SERVICES – TBD SUD-Total	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00 \$1,000.00	EA EA EA EA EA EA EA EA UN UN EA EA	\$1,062 \$247 \$1,452 \$1,612 \$0 \$424 \$344 \$1,621 \$0 \$208 \$6,974 OFFER DF \$4,750 \$5,130 \$7,609 \$1,691 \$0 \$3,800 \$22,980
1 ECX900004-OE ONSITE MAINTENANCE, FIRST Year \$1,958.07 EA \$1,958 4 ECX900005 EXTENDED WARRANTY, Per YEAR \$670.52 EA \$2,682	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0009-1 ECISO0009-1 ECISO0001-8 ECISO00101 Peripherals / Network Part Number ECISO0001 ECISO00001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO000000000000000000000000000000000000	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. K Sub-Total System Services (600, 700, 800) CS USER/ADMUN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. – Per Pos. / Per Year CUSTOM SERVICES – TBD Sub-Total Recurring Maintenance Changes (900)	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$600.00 \$486.00 \$2,289.60 \$513.00 \$295.00 Unit Price \$5,000.00 \$8,010.31 \$1,780.07 \$60.00 \$1,000.00	EA EA EA EA EA EA EA EA UN UN EA EA	\$1,062 \$247 \$1,452 \$1,612 \$0 \$424 \$344 \$1,621 \$0 \$208 \$6,974 CHTER DT \$4,750 \$5,130 \$7,609 \$1,691 \$3,800 \$222,980
4 ECX900005 EXTENDED WARRANTY, Per YEAR \$670.52 EA \$2,682	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0007-R ECISO0017-8 ECISO0017-8 ECISO0011 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECISO00004 Professional Services TOTAL NR Charges Part Number ECISO0003	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE, LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos. K SUD-Total System Services (600, 700, 800) CS USER/ADMUN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRUS PROTECTION, WKS. — Per Pos. / Per Year CUSTOM SERVICES — TBD SUJ-TOTAL RESUlTING Maintenance Charges (900) SYSTEM SUPPORT, 5 YEAR	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$486.00 \$2,285.60 \$513.00 \$295.00 \$5,000.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00 \$1,000.00	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$1,062 \$247. \$1,452 \$1,612. \$0 \$424 \$344 \$1,621. \$0 \$208. \$5,974. OFFER Pri \$4,750 \$1,691. \$1,691. \$3,800 \$22,980.
	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0001-8 ECISO0017-8 ECISO00101 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECITO00001 ECITO00001 ECITO00001 ECITO00001 ECITO00001 ECITO00001 ECITOO00001 ECITOO00001 ECITOO00001 ECITOO000001 ECITOO0000001 ECITOO00000000000000000000000000000000000	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITTOH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, TWS pos. KSUB-TOTAL System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRIS PROTECTION, WKS. — Per Pos. / Per Year CUSTOM SERVICES — TBD SUB-TOTAL REGULATION MEMBERS (900) SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, Per YEAR	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$4466.00 \$2,289.60 \$513.00 \$295.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00 \$1,000.00	EA EA EA EA EA EA EA UN UN EA EA	\$1,062 \$247. \$1,452 \$1,612 \$0 \$424 \$344 \$1,621 \$0 \$208 \$6,974. OFFER Pri \$4,750 \$5,130 \$7,699 \$1,691 \$0 \$3,800 \$72,980.
	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECISO0001-16PWall ECISO0002-PR ECISO0002-PR ECISO0003-8 ECISO0005-1 ECISO0005-1 ECISO0005-1 ECISO0007-R ECISO0001-R ECISO0001-R ECISO00101 Peripherals / Network Part Number ECISO0001 ECITO0001 ECITO0001 ECITO0001 ECITO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO0001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001 ECISO00001	WALL MNT ASSM, 19°, RMTE, SMALL (1-4) POS. BASED REC KIT - 4 Port SWITCH, CISCO, 8-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF MISC. MAT., CABLES, RMTE., LOT PRINTER, HP LaserJet Pro 200 IP to Serial Dist., 8 Port, Remote SIP External Ringer / Horn, Single UPS, APC 800VA, TWS pos. KSUB-TOTAL System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students) PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY SYSTEM ENGINEERING, (1) Lot VIRIS PROTECTION, WKS. — Per Pos. / Per Year CUSTOM SERVICES — TBD SUB-TOTAL REGULATION MISCALES (900) SYSTEM SUPPORT, 5 YEAR ONSITE MAINTENANCE, Per YEAR ONSITE MAINTENANCE, FIRST Year	\$1,500.00 \$350.00 \$1,026.00 \$2,278.00 \$2,278.00 \$600.00 \$4466.00 \$2,289.60 \$513.00 \$295.00 \$900.00 \$8,010.31 \$1,780.07 \$60.00 \$1,000.00 \$16,900.00 \$4,153.49 \$1,958.07	EA EA EA EA EA EA EA UN UN EA EA EA	OFFER Pri \$1,062. \$247. \$1,452. \$1,612. \$0. \$208. \$3,44. \$1,621. \$0. \$7,609. \$1,691. \$0. \$3,800. \$22,980. \$49,240. \$16,613. \$1,653. \$1,958.



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	onfiguration:				
	Call Handling Site, Admin Si ctivity to PFMInDigital prov		Pos. Count		
	Services from ECW, Local S		Yrs. Spt.		
	Software, remote support, r		5		
ficated	d Local Project Technician,	First Year of Warranty			
Oty	Part Mumber	Telecom / Hardware Based Components (100)	Unit Price	UK	OFFER Pi
2	ECX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$2,140
	ECX100101	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	\$1,512.00	EA	\$0
_	ECX100101-P	Portable ANS. Pos., Laptop/VoIP Tel./ Kit Assm.	\$3,500.00	EA	\$0
4	ECX100103	MONITOR, 22WM* FP, BLK	\$452.00	EA EA	\$1,280 \$ (
	ECX100104 ECX100105-60	MONITOR, 24W" FP, BLK MONITOR, 60", LCD TV/Monitor	\$699.00 \$1,800.00	EA EA	\$(
2	ECX100001-NS	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EA	\$1,91
2	ECX100201	POLYCOM 650 SIP PHONE	\$468.00	EA	\$66
_	ECX100204	Keypad, Genovation 24 Key, Model 683	\$189.00	EA	\$1
2	ECX100312	Media Gateway, 4 Port FXS or (CAMA) to SIP	\$610.00	EA	\$86.
1	ECX100312-1	Media Gateway, 4 Port FXS (Station Rec.)	\$610.00	EA	\$43
	ECX100314	Media Gateway, PRI to SIP	\$5,435.00	EA	\$1
1	ECX100315	Rack Shelf, Media Gateway, 2 GW per Shelf	\$32.00	EA	\$2
	Handware Sub-Total				\$7,318
Qty	Part Number	Software Components (200)	Unit Price	U/M	OFFER P
2	ECX200001	CALLSTATION License	\$13,000.00	EA	\$1
1	ECX200004	DECISIONSTATION, SITE License	\$0.00	EA	şı
1	ECX200006	ADMINISTATION, SITE License	\$0.00	EA	\$1
1	ECX200007	MESSAGEWORKS, SITE License	\$0.00 \$6,700.00	ea Ea	\$(\$(
1	ECX200014-R ECX200015	Admin PRI Interface License, PSAP SIP Trunk Interface, ECW to Third Party	\$3,595.00	EA	
	Software Sub-Total				\$0
	Sin twente Sant Tural				.,,,,
Q.y	Part Number	Custom Services - Interfaces - Map Data (400)	Unit Price	U/M	OFFER P
1	ECX400001	MAP CONFIG, CUSTOMER PROVIDED DATA	\$2,995.00	EA EA	\$2,845
1	ECX400002 ECX400002-A	911 TELECOM CONFIG/STAGING ADMIN CONFIG/STAGING	\$3,995.00 \$3,995.00	EA EA	\$3,795 \$3,795
_	Custom Services Sub-T		\$3,373.00	- 01	\$10,435
Qīy	Part Number	Peripheral-Miscellaneous Equipment (500)	Unit Price	U/M	OFFER PA
1	ECX500001-16PWall	WALL MNT ASSM, 19°, RMTE, SMALL (1-4)	\$1,500.00	EA	\$1,06
ī	ECX500002-PR	POS. BASED REC KIT - 4 Port	\$350.00	EA	\$24
2	ECX500003-8	SWITCH, CISCO, 8-PORT POE, 10/100/1000	\$1,026.00	EA	\$1,45.
1	ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901	\$2,278.00	EA	\$1,61
1	ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$2,278.00	EA	\$1,61.
1	ECX500007-R	MISC. MAT., CABLES, RMTE., LOT	\$600.00	EA	\$424
1	ECX500009-1	PRINTER, HP LaserJet Pro 200	\$486.00	EA	\$34
1	ECX500017-8	IP to Serial Dist., 8 Port, Remote	\$2,289.60	EA	\$1,62
	ECX500018	SIP External Ringer / Horn, Single	\$513.00	EA	\$(
1	EC(S00101 Peripherals / Network	UPS, APC 800VA, TWS pos.	\$295.00	EA	\$206 \$2,537
			11		
037	Part Number ECX600001	System Services (600, 700, 800) CS USER/ADMIN OPPS TRN (up to 8 students)	Unit Price \$5,000.00	U/M EA	CHIER D \$4,750
1 6	ECX700001	PROJECT MANAGEMENT, UNIT	\$5,000.00	EA	\$5,130
1	ECX700001 ECX700002	SYSTEM INSTALLATION, PRIMARY	\$8,510.21	UN	\$80,82
1	ECX800001	SYSTEM ENGINEERING, (1) Lot	\$1,891.16	UN	\$1,796
10	ECX800003	VIRUS PROTECTION, WKS Per Pos. / Per Year	\$60.00	EA	\$(
4	ECX800004	CUSTOM SERVICES - TBD	\$1,000.00	EA	\$3,800
	Professional Services S				\$23,561
***	TOTAL NR Charges				\$49,897
Qty	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	OFFER P
1	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$19,236.75	EA	\$(
4	ECX900004	ONSITE MAINTENANCE, Per YEAR	\$4,412.70	EA	\$17,650
i	ECX900004-OE	ONSITE MAINTENANCE, FIRST Year	\$2,080.27	EA	\$2,080
4	ECX900005	EXTENDED WARRANTY, Per YEAR	\$673.76	EA	\$2,69



***** TOTAL COST OF OWNERSHIP:

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		Final Version - March 21, 2016	-		
System C	onliguration:	Tena version district 1, 1000			
Remote C	all Handling Site		Pos. Count		
i3 Connec	tivity to PFWIndigital prov	rided ESInet	3		
	iervices from ECW, Local		Yrs. Spt		
	oftware, remote support, i		5		
TIMES Weeks and the mine of the	Local Project Technician,		Unit Price	U/M	OFFER Price
Q.cy 3	Part Number ECX100101	Telecom / Hardware Based Components (100) WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$3,211.49
	ECX100103	MONITOR, 22WM° FP, BLK	\$452.00	EA	\$1,920.10
3	ECX100001-NS	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EA	\$2,867.40
3	ECX100201	POLYCOM 650 SIP PHONE	\$468.00	EA	\$994.03
2	ECX100311	Media Gateway, 8 port FXO to SIP	\$1,065.00	EA	\$1,536.36
2	ECX100312	Media Gateway, 4 Port FXS or (CAMA) to SIP	\$610.00	EA	\$863.76
1	ECX100312-1	Media Gateway, 4 Port FXS (Station Rec.) Rack Shelf, Media Gateway, 2 GW per Shelf	\$610.00 \$32.00	ea Ea	\$431.88 \$22.66
1_	ECX100315 Hambware Sub-Total	Naux Sizeli, Fredia Gateway, 2 GW per Sizeli	332.00		\$11,847.67
<u>Ory</u>	Part Number	Software Components (200)	Unit Price \$13,000.00	U/N EA	OFFER Price \$0.00
3 1	ECX200001 ECX200004	CALLSTATION License DECISIONSTATION, SITE License	\$13,000.00 \$0.00	EA EA	\$0.00
1	ECX200006	ADMINISTATION, SITE License	\$0.00	EA	\$0.00
i	ECX200007	MESSAGEWORKS, SITE License	\$0.00	EA	\$0.00
_	ECX200014-R	Admin PRI Interface License, PSAP	\$6,700.00	EA	\$0.00
	ECX200015	SIP Trunk Interface, ECW to Third Party	\$3,595.00	EA	\$0.00
	Software Sub-Total				\$0.00
	Part Number	C - C - T - C - M - D (408)	Unit Price	U/M	OFFER Price
Ocy 1	ECX400001	Custom Services - Interfaces - Map Data (400) MAP CONFIG, CUSTOMER PROVIDED DATA	\$2,995.00	EA	\$2,845.25
1	ECX400002	911 TELECOM CONFIG/STAGING	\$3,995.00	EA	\$3,795,25
î	ECX400002-A	ADMIN CONFIG/STAGING	\$3,995.00	EA	\$3,795.25
	Custom Services Sub-1	विद्वा			\$10,435.75
Quy	Part Number	Peripheral-Miscellaneous Equipment (500)	Unit Price	U/M	OFFER Price
	ECX500001-16PWall	WALL MNT ASSM, 19", RMTE, SMALL (1-4)	\$1,500.00	EA	\$1,062.00
1	ECX500002-PR	POS. BASED REC KIT - 4 Port	\$350.00	EA	\$247.80
2	ECX500003-8	SWITCH, CISCO, 8-PORT POE, 10/100/1000	\$1,026.00 #2.279.00	ea Ea	\$1,452.82 \$1,612.82
1	ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$2,278.00 \$2,278.00	EA	\$0.00
1	ECX500005-1 ECX500007-R	MISC. MAT., CABLES, RMTE., LOT	\$600.00	ĒĀ	\$424.80
1	ECX500009-1	PRINTER, HP LaserJet Pro 200	\$486.00	EA	\$344.09
1	ECX500017-8	IP to Serial Dist., 8 Port, Remote	\$2,289.60	EA	\$1,621.04
	ECX500018	SIP External Ringer / Horn, Single	\$513.00	EA	\$0.00
1	ECX500101	UPS, APC 800VA, IWS pos.	\$295.00	EA	\$208.86 \$6,974.22
	Peripherals / Network	Sub-total			\$0,774,22
Qty	Part Number	System Services (600, 700, 800)	Unit Price	U/M	OFFER Price
1	ECX600001	CS USER/ADMIN OPPS TRN (up to 8 students)	\$5,000.00	EA	\$4,750.00
7	ECX700001	PROJECT MANAGEMENT, UNIT	\$900.00	EA	\$5,985.00
1	ECX700002	SYSTEM INSTALLATION, PRIMARY	\$10,336.90	UN	\$9,820.05
1	ECX800001	SYSTEM ENGINEERING, (1) Lot	\$2,297.09	UN	\$2,182.23 \$0.00
15	E0X800003 Professional Services	VIRUS PROTECTION, WYS. – Per Pos. / Per Year	\$60.00	EA	\$22,737.28
	AND THE RESERVE THE PROPERTY OF THE PARTY OF			TREETS WING SAID	
****	TOTAL NR Charges				\$51,994.93
Qty	Part Mumber	Recurring Maintenance Charges (900)	Unit Price	U/M	OFFER Price
1	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$25,350.00	EA	\$0.00
4	ECX900004	ONSITE MAINTENANCE, PER YEAR	\$5,359.87 \$2,526.80	ea Ea	\$21,439.49 \$2,526.80
1 4	ECX900004-OE ECX900005	ONSITE MAINTENANCE, FIRST Year EXTENDED WARRANTY, Per YEAR	\$2,520.60 \$797.54	EA	\$3,190.15
*	Sub-Total Recurring C		- Prace and E		\$27,156.44
					en eta de la calacteria de mandra petito de la calacteria de la compansión de la calacteria de la compansión de la calacteria



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		Final Version - March 21, 2016	-		
System C	onfiguration:	Final) # Mon - Min Ch 21, 2016			
	N 18 18 18 18 18				
	`ali Handling Site :tivity to PFM/Indigital prov	rided ESInet	Pos. Count		
Turnkey S	Services from ECW, Local	Support	Yrs. Spt		
	Software, remote support, : I Local Project Technician.		5		
economico de la companiona del companiona de la companiona dela companiona dela companiona	Part Number	Telecom / Hardware Based Components (100)	Unit Price	U/H	OHTER Price
U57 4	ECX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$4,281.98
-	ECX100101	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	\$1,512.00	EA	\$0.00
	ECX100101-P	Portable ANS. Pos., Laptop/VoIP Tel./ Kit Assm. MONITOR, 22WM° FP, BLK	\$3,500.00 \$452.00	ea. Ea	\$0.00 \$2,560.13
8	ECX100103 ECX100104	MONITOR, 24W" FP, BLK	\$699.00	EA	\$0.00
	ECX100105-60	MONITOR, 60", LCD TV/Monitor	\$1,800.00	EA	\$0.00
4	ECX100001-NS	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EA	\$3,823.20
4	ECX100201 ECX100204	POLYCOM 650 SIP PHONE Keypad, Genovation 24 Key, Model 683	\$468.00 \$169.00	ea ea	\$1,325.38 \$0.00
2	ECX100305	Media Gateway, 8 Port FXS or (CAMA) to SIP	\$1,085.00	EA	\$1,536.36
4	ECX100311	Media Gateway, 8 port FXO to SIP	\$1,085.00	EA	\$3,072.72
2	ECX100312-1	Media Gateway, 4 Port FXS (Station Rec.)	\$610.00	EA	\$863.76
	ECX100314 ECX100315	Media Gateway, PRI to SIP Rack Shelf, Media Gateway, 2 GW per Shelf	\$5,435.00 \$32.00	ea Ea	\$0.00 \$22.66
1	Handware Sub-Total	Rack Shell, Fredia Gateway, 2 GW per Shell	432.00	£A.	\$17,486.18
MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND					
Qby	Part Humber	Software Components (200)	Unit Price	EU/C	OFFER Price
4	ECX200001	CALLSTATION License	\$13,000.00	EA	\$0.02
i	ECX200004	DECISIONSTATION, SITE License	\$0.00	EA	\$0.00
1	ECX200006	ADMINISTATION, SITE License	\$0.00	EA	\$0.00
1	ECX200007 ECX200014-R	MESSAGEWORKS, SITE License Admin PRI Interface License, PSAP	\$0.00 \$6,700.00	ea ea	\$0.00 \$0.00
	ECX200015	SIP Trunk Interface, ECW to Third Party	\$3,595.00	EA	\$0.00
	Software Sub-Total				\$0.00
					OffER Price
U07 1	Part Number ECX400001	Custom Services - Interfaces - Map Data (400) MAP CONFIG, CUSTOMER PROVIDED DATA	Unit Price \$2,995.00	U/C EA	\$2,845,25
1	ECX400002	911 TELECOM CONFIG/STAGING	\$3,995.00	EA	\$3,795.25
1	ECX400002-A	ADMIN CONFIG/STAGING	\$3,995.00	EA	\$3,795.25
	Custom Services Sub-	[otal			\$10,435.75
Qty	Part Number	Peripheral-Miscellaneous Equipment (500)	Unit Price	U/M	OFFER Price
1	ECX500001-16PWall	WALL MNT ASSM, 19°, RMTE, SMALL (1-4)	\$1,500.00	EA	\$1,062.00
1	ECX500002-PR	POS, BASED REC KIT - 4 Port	\$350.00	EA	\$247.80
2	ECX500003-8	SWITCH, CISCO, 8-PORT POE, 10/100/1000 POLITIER, CISCO, 2 MAIN STAGE E/PARTE/2501	\$1,026.00 \$2,278.00	ea Ea	\$1,452.82 \$1,612.82
1	ECX500005-1 ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$2,278.00	EA	\$0.00
1	ECX500007-R	MISC. MAT., CABLES, RMTE., LOT	\$600.00	EA	\$424.80
1	ECX500009-1	PRINTER, HP LaserJet Pro 200	\$486.00	EA	\$344.09
1	ECX500017-8	IP to Serial Dist., 8 Port, Remote	\$2,289.60 \$513.00	ea Ea	\$1,621.04 \$0.00
1	ECX500018 ECX500101	SIP External Ringer / Horn, Single UPS, APC 800VA, IWS pos.	\$295.00	EA	\$208.86
	Peripherals / Network		,		\$6,974.22
Oty	Part Number	System Services (600, 700, 800)	Unit Price	U/:	OFFER Price
1	ECX600001	CS USER/ADMIN OPPS TRN (up to 8 students)	\$5,000.00 \$900.00	ea Ea	\$4,750.00 \$6,840.00
8 1	ECX700001 ECX700002	PROJECT MANAGEMENT, UNIT SYSTEM INSTALLATION, PRIMARY	\$13,167.04	ÜN	\$12,508.68
ī	ECX800001	SYSTEM ENGINEERING, (1) Lot	\$2,926.01	UN	\$2,779.71
20	ECX800003	VIRUS PROTECTION, WKS. — Per Pos. / Per Year	\$60.00	EA	\$0.00
	Professional Services	Sub-Total			\$26,878.39
*****	TOTAL NR Charges				\$61,774.55
Qty	Part Number	Recurring Maintenance Charges (900)	Unit Price	U/M	OFFER Price
1	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$33,800.00	EA	\$0.00
4	ECX900004	ONSITE MAINTENANCE, Per YEAR	\$6,827.35	EA	\$27,309,41
1	ECX900004-OE	ONSITE MAINTENANCE, FIRST Year	\$3,218.61	EA	\$3,218.61
4	ECX900005	EXTENDED WARRANTY, Per YEAR	\$1,036.46	EA	\$4,145.83
	Sub-Total Recurring C	1719 ES			\$34,673.85
****	TOTAL COST OF ON	NNERSHIP:	5 1	EAR(s)	\$96,448.40



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System C	onfiguration:	Final Version - March 21, 2016			
	Call Handling Site		Pos. Count		
i3 Connec	ctivity to PFWIndligital prot		5		
	Services from ECW, Local		Yrs. Spt.		
	Software, remote support, : I Local Project Technician		5		
Qhy	Part Mumber	Telecom / Hardware Based Components (100)	Unit Price	U/H	OFFER Price
5	ECX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00	EA	\$5,352.48
	ECX100101	WKS PC, Dual Video, 4G RAM, (ACD WallBoards)	\$1,512.00	EA	\$0.00
10	ECX100101-P	Portable ANS. Pos., Laptop/VoIP Tel./ Kit Assm. MONITOR, 22WM* FP, BLK	\$3,500.00 \$452.00	EA EA	\$0.00 \$3,200.16
10	ECX100103 ECX100104	MONITOR, 24W" FP, BLK	\$699.00	EA	\$0.00
	ECX100105-60	MONITOR, 60", LCD TV/Monitor	\$1,800.00	EA	\$0.00
5	ECX100001-N5	AUDIO INTERFACE UNIT (AIU)	\$1,350.00	EA	\$4,779.00
5	ECX100201	POLYCOM 650 STP PHONE	\$468.00	EA.	\$1,656.72
	ECX100204	Keypad, Genovation 24 Key, Model 683	\$189.00	EA	\$0.00
2	ECX100305	Media Gateway, 8 Port FXS or (CAMA) to SIP	\$1,085.00	ea ea	\$1,536.36 e7ce 19
1 4	ECX100305-1	Media Gateway, 8 Port FXS (Station Rec.) Media Gateway, 8 port FXO to SIP	\$1,085.00 \$1,085.00	EA EA	\$768.18 \$3,072.72
*	ECX100311 ECX100314	Media Gateway, PRI to SIP	\$5,435.00	EA	\$0.00
1	ECX100315	Rack Shelf, Media Gateway, 2 GW per Shelf	\$32.00	EA	\$22.66
	Hardware Sub-Total				\$20,388.28
Oty	Part Number	Software Components (200)	Unit Price	U/H	OFFER Price
5	ECX200001	CALLSTATION License	\$13,000.00	EA	\$0.00
1	ECX200004	DECISIONSTATION, SITE License	\$0.00	EA	\$0.00
1	ECX200006	ADMINISTATION, SITE License	\$0.00	EΑ	\$0.00
1	ECX200007	MESSAGEWORKS, SITE License	\$0.00	EA	\$0.00
	ECX200014-R	Admin PRI Interface License, PSAP	\$6,700.00	EA	\$0.00
1	ECX200015	SIP Trunk Interface, ECW to Third Party	\$3,595.00	EA	\$0.00 \$0.00
	Software Sub-Total				30.00
Qty	Part Number	Custom Services - Interfaces - Map Data (400)	Unit Price	U/H	OFFER Price
1	ECX400001	MAP CONFIG, CUSTOMER PROVIDED DATA	\$2,995.00	EA	\$2,845.25
1	ECX400002	911 TELECOM CONFIG/STAGING	\$3,995.00	EA	\$3,795,25 \$3,795,25
1	ECX400002-A	ADMIN CONFIG/STAGING	\$3,995.00	EA	\$10,435.75
	Custom Services Sub-	l OLSI			
Qty	Part Humber	Peripheral-Miscellaneous Equipment (500)	Unit Price	U/H	OHTER Price
1	ECX500001-48PWall	WALL MNT ASSM, 19°, RMTE, Medium (5-12)	\$2,100.00	EA	\$1,486.80
2	ECX500002-PR	POS. BASED REC KIT - 4 Port	\$350.00 \$3.694.00	ea ea	\$495.60 \$3,814.70
2 1	ECX500003 ECX500005-1	SWITCH, CISCO, 24-PORT POE, 10/100/1000 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$2,694.00 \$2,278.00	EA	\$1,612.82
1	ECX500005-1 ECX500007-R	MISC, MAT., CABLES, RMTE., LOT	\$600.00	EA	\$424.80
i	ECX500009-1	PRINTER, HP LaserJet Pro 200	\$486.00	EA	\$344.09
1	ECX500017-8	IP to Serial Dist., 8 Port, Remote	\$2,289.60	EA	\$1,621.04
	ECX500018	SIP External Ringer / Horn, Single	\$513.00	EA	\$0.00
2	ECX500101	UPS, APC 800VA, IWS pos.	\$295.00	EA	\$417.72
	Peripherals / Network	(Sub-Total			\$10,217.57
Qty	Part Number	System Services (600, 700, 800)	Unit Price	U/H	OffER Price
1	ECX600001	CS USER/ADMIN OPPS TRN (up to 8 students)	\$5,000.00	EA	\$4,750.00
10	ECX700001	PROJECT MANAGEMENT, UNIT	\$900.00	EA	\$8,550.00
1	ECX700002	SYSTEM INSTALLATION, PRIMARY	\$16,579.16	UN	\$15,750.20
1	ECX800001	SYSTEM ENGINEERING, (1) Lot	\$3,684.26	UN	\$3,500.05
25	E0X800003 Professional Services	VIRUS PROTECTION, WKS. – Per Pos. / Per Year	\$60.00	EA	\$0.00 \$\$2.550.25
****					\$73,591.85
Qty	Part Number	Recurring Maintenance Charges (980)	Unit Price	U/M	OFFER Price
1	ECX900003	SYSTEM SUPPORT, 5 YEAR	\$44,586.75	EA	\$0.00 \$24.396.41
4	ECX900004 ECX900004-OE	ONSITE MAINTENANCE, Per YEAR ONSITE MAINTENANCE, FIRST Year	\$8,596.60 \$4,052.68	ea ea	\$34,386,41 \$4,052,68
1 4	ECX900004-OE ECX900005	EXTENDED WARRANTY, Per YEAR	\$4,032.66 \$1,296.86	EA	\$5,187.43
	Sub-Total Recurring C		¥-3	•	\$43,626.52
****	TOTAL COST OF O	WNERSHIP:	5 1	/EAR(s)	\$117,218.37



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Remote Call Handling Site Garage Pos. Count Garage Pos. Count Garage Fos. Count Garage Garage Fos. Count Garage Fos. Count Garage Garage Fos. Count Garage Fos. Coun	\$6,422.98 \$0.00 \$0.00 \$0.00 \$0.00 \$5,734.80 \$1,988.06
State	\$6,422.98 \$0.00 \$0.00 \$0.00 \$0.00 \$5,734.80
System Software, remote support, monitoring and help deak	\$6,422.98 \$0.00 \$0.00 \$0.00 \$0.00 \$5,734.80
System Software, remote support, monitoring and help desk Dedicated Local Project Technician, First Year of Warrany	\$6,422.98 \$0.00 \$0.00 \$0.00 \$0.00 \$5,734.80
6 EX100101 WKS PC, Dual Video, 4G RAM EX100101 WKS PC, Dual Video, 4G RAM EX100101 WKS PC, Dual Video, 4G RAM EX100101 P Portable ANS. Nos., Laptop/NoIP Tel./ KR Assm. \$1,512.00 EA EX100101 P Portable ANS. Nos., Laptop/NoIP Tel./ KR Assm. \$3,500.00 EA EX100101 P WMITTOR, 2WM* PP, BLK \$495.00 EA EX100101 MONITIOR, 2WM* PP, BLK \$495.00 EA EX100101-60 MONITIOR, 60°, LID TW/Nonitor \$1,1,800.00 EA EX100101-75 AUDIO INTERFACE UNIT (AUU) \$1,1,350.00 EA EX100201 POLYCON 650 SDP PHONE \$4468.00 EA EX100201 POLYCON 650 SDP PHONE \$4468.00 EA EX100201 POLYCON 650 SDP PHONE \$4468.00 EA EX100201 Media Gateway, 8 Port PXS for (CAMA) to SIP \$1,085.00 EA EX100305 Media Gateway, 8 Port PXS for (CAMA) to SIP \$1,085.00 EA EX100311 Media Gateway, 8P to SIP \$1,085.00 EA EX100314 Media Gateway, 8P to SIP \$1,085.00 EA EX100315 Rack Shelf, Media Gateway, 2 GW per Shelf \$1,085.00 EA EX100315 Rack Shelf, Media Gateway, 2 GW per Shelf \$1,085.00 EA EX100316 Rack Shelf, Media Gateway, 2 GW per Shelf \$1,085.00 EA EX100317 Rack Shelf, Media Gateway, 2 GW per Shelf \$1,085.00 EA EX100318 Rack Shelf, Media Gateway, 2 GW per Shelf \$1,085.00 EA EX100319 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100315 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf, Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf Media Gateway, 12 GW per Shelf \$1,085.00 EA EX100314 Rack Shelf Media Gateway, 12 GW per Shelf \$1,000.00 EA EX100314 Rack She	\$6,422.98 \$0.00 \$0.00 \$0.00 \$0.00 \$5,734.80
EXX.00.101	\$0.00 \$0.00 \$0.00 \$0.00 \$5,734.80
ECXIO0101-P	\$0.00 \$0.00 \$0.00 \$5,734.80
12	\$0.00 \$0.00 \$5,734.80
EXXID0104	\$0.00 \$5,734.80
ECX100105-60	\$0.00 \$5,734.80
6 ECX100001-NS AUDIO INTERFACE UNIT (AIU) \$1,350.00 EA 6 ECX100201 POLYCOM 500 SIP PHONE \$468.00 EA 6 ECX100204 Keypad, Genovation 24 Key, Model 683 \$199.00 EA 7 ECX100305 Media Gareway, 8 Port PS or (CAVA) to SIP \$1,085.00 EA 8 ECX100305-1 Media Gareway, 8 Port PS (Station Rec.) \$1,085.00 EA 9 ECX1003011 Media Gareway, 8 Port PS (Station Rec.) \$1,085.00 EA 9 ECX1003014 Media Gareway, 8 Port PS (Station Rec.) \$1,085.00 EA 9 ECX100315 Rack Shelf, Media Gareway, PR to SIP \$1,085.00 EA 9 ECX100315 Rack Shelf, Media Gareway, PR to SIP \$1,085.00 EA 9 ECX100315 Rack Shelf, Media Gareway, 2 GW per Shelf \$1,085.00 EA 9 ECX100315 Rack Shelf, Media Gareway, 2 GW per Shelf \$1,085.00 EA 9 ECX100315 Rack Shelf, Media Gareway, 2 GW per Shelf \$1,085.00 EA 9 ECX100315 Rack Shelf, Media Gareway, 2 GW per Shelf \$1,085.00 EA 9 ECX100011 CALLSTATION License \$13,000.00 EA 9 ECX1000314 PA 9 ECX100031 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100032 PA 9 ECX100033 PA 9 ECX100034 PA 9 ECX100034 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100035 PA 9 ECX100036 PA 9 ECX100037 PA 9 ECX100037 PA 9 ECX100038 PA 9 ECX100039 PA	\$5,734.80
ECX100201	\$1,988.06
2 ECX100305 Media Gateway, 8 Port PXS or (CAMA) to STP \$1,085.00 EA ECX100305-1 Media Gateway, 8 Port PXS (Sation Rec.) \$1,085.00 EA ECX100311 Media Gateway, 8 Port PXS to STP \$1,085.00 EA ECX100314 Media Gateway, PXT by STP \$5,435.00 EA ECX100315 Rack Shelf, Media Gateway, PXT by STP \$5,435.00 EA EXX100315 Rack Shelf, Media Gateway, PXT by STP \$5,435.00 EA EXX100315 Rack Shelf, Media Gateway, 2 GW per Shelf \$32.00 EA Hardware Stub-Total Oty Part Number Software Components (200) Unit Price U/M 6 ECX200001 CALISTATION License \$13,000.00 EA EXX100006 ADMINISTRATION, STIE License \$0.00 EA EXX100006 ADMINISTRATION, STIE License \$0.00 EA EXX100006 ADMINISTRATION, STIE License \$0.00 EA EXX100006 EXXI00006 EXXII License \$0.00 EA EXX100006 EXXII License \$0.00 EA EXX100001 EXXII License \$0.00 EA EXXII License \$0.00 EA EXXII EXXII License \$0.00 EA EXXII License \$0.00 EXXI	
1	\$0.00
## ECX100311 Media Gateway, 8 port FXO to SIP \$1,085.00 EA ECX100314 Media Gateway, PRI to SIP \$5,435.00 EA ECX100315 Rack Shelf, Media Gateway, 2 GW per Shelf \$32.00 EA EXX100315 Rack Shelf, Media Gateway, 2 GW per Shelf \$32.00 EA EXX100315 EXX100315 EXX100315 EXX100315 EXX100315 EXX100315 EXX100315 EXX100315 EXX100315 EXX100315 EXX100316 EXX100	\$1,536.36
ECX100315	\$768,18
City	\$3,072.72
Cty	\$0.00 \$22.66
6 ECC200001 CALLSTATION License \$13,000.00 EA 1 ECC200004 DECISIONSTATION, SITE License \$0.00 EA 1 ECC200006 ADMINISTATION, SITE License \$0.00 EA 1 ECC200007 MESSAGEWORKS, SITE License \$0.00 EA ECC200014R Admin PRI Interface License, PSAP \$6,700.00 EA ECC200015 SIP Trunk Interface, ECW to Third Party \$3,595.00 EA Software Sub-Total Oty Part Number Custom Services - Interfaces - Map Data (400) Unit Price U/M 1 ECX400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA 1 ECX400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA CUSTOM Services Sub-Total Oty Part Number Peripheral-Misoellaneous Equipment (500) Unit Price U/M 1 ECX500001-48PWall WALL MINT ASSN., 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS. BASED REC NIT - 4 Port \$350.00 EA 2 ECX500003 SV/ITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 2 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA 1 ECX500007-R MISC. MAT., CABLES, RNTE, LOT \$600.00 EA 1 ECX500007-R MISC. MAT., CABLES, RNTE, LOT \$600.00 EA 1 ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500016 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500017-R PRINTER, HP LaserJet Pro 200 \$486.00 EA 3 ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 4 ECX500016 SIP External Ringer / Horn, Single \$513.00 EA 5 ECX500016 SIP External Ringer / Horn, Single \$513.00 EA 5 ECX500017 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$19,545.76
6 ECX200001 CALLSTATION License \$13,000.00 EA 1 ECX200004 DECISIONSTATION, SITE License \$0.00 EA 1 ECX200006 ADMINISTATION, SITE License \$0.00 EA 1 ECX200017 MESSAGEWORKS, SITE License \$0.00 EA ECX200014R Admin PRI Interface License, PSAP \$6,700.00 EA ECX200015 SIP Trunk Interface, ECW to Third Party \$3,595.00 EA Software Sub-Total Ony Part Number Custom Services - Interfaces - Map Data (400) Unit Price U/M 1 ECX400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA 1 ECX400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA Custom Services Sub-Total Onstam Sub-Total Onstam	DIFFER Price
1 ECX200004 DECISIONSTATION, SITE License \$0.00 EA 1 ECX20006 ADMINISTATION, SITE License \$0.00 EA 1 ECX200007 MESSAGEWORKS, SITE License \$0.00 EA ECX200014-R Admin PRI Interface License, PSAP \$6,700.00 EA ECX200015 SIP Trunk Interface, ECW to Third Party \$3,595.00 EA Software Sub-Total Viv Part Number Custom Services - Interfaces - Nap Data (400) Unit Price U/M 1 ECX400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA 1 ECX400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA CUSTOM Services Sub-Total Viv Part Number Peripheral-Miscellaneous Equipment (500) Unit Price U/M 1 ECX500001-48PWall WALL MNT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS. BASED REC KIT - 4 Port \$350.00 EA 2 ECX500001 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 2 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF ECX500007-R MISC. MAT., CABLES, RMTE., LOT \$600.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE., LOT \$600.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE., LOT \$600.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE., LOT \$600.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE., LOT \$600.00 EA 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,288.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total	\$0.00
1 EC/200007 MESSAGENORKS, SITE License \$0.00 EA 1 EC/200014-R Admin PRI Interface License, PSAP \$6,700.00 EA EC/200014-R Admin PRI Interface License, PSAP \$6,700.00 EA EC/200015 SIP Trunk Interface, PSAP \$6,700.00 EA EC/200015 SIP Trunk Interface, ECW to Third Party \$3,595.00 EA Software Sub-Total Oty Part Number Custom Services - Interfaces - Map Data (400) Unit Price U/M 1 EC/400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA 1 EC/400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA 1 EC/400002-A ADMIN CONFIG/STAGING \$3,995.00 EA Custom Services Sub-Total Oty Part Number Peripheral-Miscellaneous Equipment (500) Unit Price U/M 1 EC/500001-48PWall WALL MINT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 EC/500002-PR POS, BASED REC KIT - 4 Port \$350.00 EA 2 EC/500003 SWITCH, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF EC/500001-8 IP to Serial Dist., 8 Port, Remote EC/500001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, Remote EC/50001-8 IP to Serial Dist., 8 Port, R	\$0.00
ECC200014-R ECC200015 SIP Trunk Interface License, PSAP \$6,700.00 EA	\$0.00
City	\$0.00
Oty	\$0.00
Oty Part Number Custom Services - Interfaces - Map Data (400) Unit Price U/M	\$0,00
1 ECX400001 MAP CONFIG, CUSTOMER PROVIDED DATA \$2,995.00 EA 1 ECX400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA 1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA Custom Services Sub-Total Oty Part Number Peripheral-Miscellaneous Equipment (\$00) Unit Price U/M 1 ECX500001-48PWall WALL MNT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS. BASED REC KIT - 4 Port \$350.00 EA 2 ECX500003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$4,278.00 EA 1 ECX500005-1 PRINTER, HP LaserJet Pro 200 \$466.00 EA 1 ECX500001-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$2,289.00 EA Peripherals / Network Sub-Total	\$0.00
1 ECX400002 911 TELECOM CONFIG/STAGING \$3,995.00 EA CISTOM Services Sub-Total Oty Part Number Peripheral-Miscellaneous Equipment (500) Unit Price U/M 1 ECX500001-48PWall WALL MNT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS. BASED REC KIT - 4 Port \$350.00 EA 2 ECX500003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE, LOT \$600.00 EA 1 ECX500007-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA COX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total	OFFER Price
1 ECX400002-A ADMIN CONFIG/STAGING \$3,995.00 EA Custom Services Sub-Total Oty Part Number Peripheral-Miscellaneous Equipment (500) Unit Price U/M 1 ECX500001-48PWall WALL MINT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS. BASED REC KIT - 4 Port \$350.00 EA 2 ECX500003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,2694.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE, LOT \$600.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE, LOT \$600.00 EA 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total	\$2,845,25
Oty	\$3,795,25
Oty Part Number Peripheral Miscellaneous Equipment (SP0) Unit Price U/M 1 ECX500001-48PWall WALL MNT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS, BASED REC KIT - 4 Port \$350.00 EA 2 ECX500003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA 2 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500007-R MISC, MAT., CABLES, RMTE, LOT \$600.00 EA 1 ECX500009-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Qty Part Number System Services (600, 700, 800) Unit Price U/M </td <td>\$3,795.25 \$10,435.75</td>	\$3,795.25 \$10,435.75
1 ECX500001-48PtWall WALL MNT ASSM, 19°, RMTE, Medium (5-12) \$2,100.00 EA 2 ECX500002-PR POS, BASED REC KIT - 4 Port \$350.00 EA 2 ECX500003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE, LOT \$600.00 EA 1 ECX500007-8 IP TO Serial Dist., 8 Port, Remote \$2,289.60 EA 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	3/10-705/75
2 ECX500002-PR POS. BASED REC KIT - 4 Port. \$350.00 EA 2 ECX500003 SWITTCH, CISCO, 24-PORT POE, 10/100/1000 \$2,5694.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA 1 ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500007-R MISC. MAT., CABLES, RMTE., LOT \$600.00 EA 1 ECX500009-1 PRINTER, HP LaserJet Pro 200 \$498.00 EA 1 ECX500017-8 IP to Serial Dist., 8 Port. Remote \$2,289.60 EA 1 ECX500018 SIP External Ringer / Horn. Single \$513.00 EA 2 ECX500101 LIPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	OffER Price
2 EC/S00003 SWITCH, CISCO, 24-PORT POE, 10/100/1000 \$2,694.00 EA 1 EC/S00005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA EC/S00005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 EC/S00007-R MISC, MAT., CABLES, RMTE, LOT \$600.00 EA 1 EC/S00009-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA 1 EC/S00017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA EC/S00018 SIP External Ringer / Horn, Single \$513.00 EA 2 EC/S00101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 EC/S0001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$1,486.80
1 EC/S00005-1 ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901 \$2,278.00 EA EC/S00005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 EC/S00007-R MISC, MAT., CABLES, RMTE, LOT \$600.00 EA 1 EC/S00007-8 IP No Serial Disc., 8 Port, Remote \$2,289.60 EA 1 EC/S00017-8 IP to Serial Disc., 8 Port, Remote \$2,289.60 EA EC/S00018 SIP External Ringer / Horn, Single \$513.00 EA 2 EC/S00101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 EC/S0001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$495.60
ECX500005-1 ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF \$2,278.00 EA 1 ECX500007-R MISC. MAT., CABLES, RNTE., LOT \$600.00 EA 1 ECX500001-8 IP TO Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$3,814,70 \$1,612,82
1 ECX500007-R MISC. MAT., CABLES, RNTE., LOT \$600.00 EA 1 ECX500009-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 LIPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Nistwork Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$0.00
1 ECX500009-1 PRINTER, HP LaserJet Pro 200 \$486.00 EA 1 ECX500017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA ECX500018 SIP External Ringer / Horn, Single \$513.00 EA 2 ECX500101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$424.80
1 EC/S00017-8 IP to Serial Dist., 8 Port, Remote \$2,289.60 EA EC/S00018 SIP External Ringer / Horn, Single \$513.00 EA 2 EC/S00101 UPS, APC 800VA, IWS pos. \$295.00 EA Peripherals / Network Sub-Total Qty Part Number System Services (600, 700, 800) Unit Price U/M 1 EC/S00001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$344.09
2 ECX500101 UPS, APC 800VA, TWS pos. \$295.00 EA Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$1,621.04
Peripherals / Network Sub-Total Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$0.00
Oty Part Number System Services (600, 700, 800) Unit Price U/M 1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$417.72
1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	\$10,217.57
1 ECX600001 CS USER/ADMIN OPPS TRN (up to 8 students) \$5,000.00 EA	OFFER Price
	\$4,750.00
	\$10,260.00
1 ECX700002 SYSTEM INSTALLATION, PRIMARY \$18,420.43 UN	\$17,499.40
1 ECX800001 SYSTEM ENGINEERING, (1) Lot \$4,093.43 UN	\$3,888.76
30 ECX800003 VIRUS PROTECTION, WKS. – Per Pos. / Per Year \$60.00 EA	\$0.00
Professional Services Sub-Total	\$36,398.16
***** TOTAL NR Charges:	\$76, 597.24
Oty Part Number Recurring Maintenance Charges (900) Unit Price U/M	OFFER Price
1 EOX90003 SYSTEM SUPPORT, 5 YEAR \$50,700.00 EA	\$0.00
4 ECX90004 ONSITE MAINTENANCE, Per YEAR \$9,551.33 EA	\$38,205.33
1 EC/900004-OE ONSITE MAINTENANCE, FIRST Year \$4,502.77 EA	\$4,502.77
4 ECX900005 EXTENDED WARRANTY, Per YEAR \$1,423.88 EA	\$5,695,51
Sub-Total Recurring Charges:	\$48,403.61
***** TOTAL COST OF OWNERSHIP: 5 YEAR(s)	



Compliance Office | Purchasing 248-858-0511 | purchasing@oakgov.com

EXHIBIT VI - NON-OAKLAND COUNTY SITE PRICING

Revision History

CD052115B-4

Description:	Dale:	Ву:
1) Initial Draft	6/1/2015	CD
2) Reduced ESINet Components / Network	6/4/2015	CD
3) Eliminated TCS components, revised per 10-7-15 site meeting	10/7/2015	CD
4) Summary Page Revisions, and Position Count True UP	11/4/2015	CD
5) Add SIP Trunk for Oakland SO.	11/13/2015	MC
Move gateways to PSAP and recreate summary to show PSAP separately.	11/19/2015	MC
7) Separate summary County and PSAP summary pages and format for print.	11/24/2015	MC
8) Increase on-site support to five years, reduce cost of first year on-site.	12/21/2015	MC
9) Remove I&M Training, Fix CONCAT formula, Zero Licenses & Support for PSAPs.	12/30/2015	MC
10) Correct formula issue in the Summary tab related to new On-Site rows.	1/7/2016	MC
10) Add Anti-Virus for Five years for all PSAPs.	2/5/2016	MC
11) Added markings for final draft.	2/18/2016	MC
12) Added Optional Four additional Positions for Oakland SO.	3/18/2016	JМ
13) Added pricing for various PSAP equipment optiond/	3/21/2016	MC

PUBLIC SAFETY ANSWERING POINT AGREEMENT BETWEEN OAKLAND COUNTY AND CITY OF TROY

This Agreement (the "Agreement") is made between Oakland County, a Constitutional and Municipal Corporation, 1200 North Telegraph, Pontiac, Michigan 48341 ("County"), and the **City of Troy, 500 W. Big Beaver Road., Troy, Michigan 48084** ("Public Body"). County and Public Body may also be referred to jointly as "Parties".

INTRODUCTION/PURPOSE OF AGREEMENT. The Public Body and the County enter into this Agreement, pursuant to Michigan law for the purpose of delineating the duties and responsibilities between the Parties related to the following. Since 1988, the County has been using the legacy copper network provided by the Incumbent Local Exchange Carrier (ILEC) for transport and to support the County 9-1-1 System. In order to prepare for the migration to Next Generation 9-1-1, the County will replace the legacy copper network with an Emergency Services IP Network ("ESInet"), which is defined in Section 1 of this Agreement. The ESInet will offer many advances in processing voice, text and related data elements associated with 9-1-1 calls, i.e., emergency requests, and will improve 9-1-1 Services for the residents of Oakland County. For optimum security, functionality, and operation of the ESInet, all Public Safety Answering Points ("PSAPs") participating in the County 9-1-1 Service Plan should use a common call processing equipment system, comprised of host call processing equipment and remote call processing equipment.

Because it is impractical and cost prohibitive for all PSAPs to construct and maintain separate ESInets, pursuant to the County 9-1-1 Plan, the County, through third parties, will construct, implement, operate, and maintain the ESInet and will host and interconnect common, remote call processing equipment. The County will be responsible for the costs to construct, implement, operate and maintain the ESInet and for the costs to host and interconnect common, remote call processing equipment, including software for the remote call processing equipment, to be paid through operating and/or technical surcharges. The Public Body will be responsible to purchase, pay for, and maintain the common remote call processing equipment.

The Parties agree to the following:

- 1. **<u>DEFINITIONS</u>**. The following words and expressions used throughout this Agreement, whether used in the singular or plural, shall be defined, read, and interpreted as follows.
 - 1.1. **9-1-1 Service** means a public communication service that provides service users with the ability to reach a public safety answering point by dialing, initializing, or otherwise activating the 9-1-1 System through the numerals "9-1-1" by the means of a telephone device, cellular telephone device, wireless communication device, interconnected voice over the internet device, or other means.
 - 1.2. <u>Agreement</u> means the terms and conditions of this Agreement and any other mutually agreed to written and executed modification, amendment, or addendum.
 - 1.3. <u>Call Processing Equipment System ("CPE System")</u> means the Host Call Processing Equipment and the Remote Call Processing Equipment and any combination thereof.

- 1.4. Claims means any alleged losses, claims, complaints, demands for relief or damages, lawsuits, causes of action, proceedings, judgments, deficiencies, liabilities, penalties, litigation, costs, and expenses, including, but not limited to, reimbursement for reasonable attorney fees, witness fees, court costs, investigation expenses, litigation expenses, amounts paid in settlement, and/or other amounts or liabilities of any kind which are incurred by or asserted against a Party, or for which a Party may become legally and/or contractually obligated to pay or defend against, whether direct, indirect or consequential, whether based upon any alleged violation of the federal or the state constitution, any federal or state statute, rule, regulation, or any alleged violation of federal or state common law, whether any such claims are brought in law or equity, tort, contract, or otherwise, and/or whether commenced or threatened.
- 1.5. County 9-1-1 Service Plan/9-1-1 Plan means the plan authorized and adopted by the Oakland County Board of Commissioners pursuant to the Emergency 9-1-1 Service Enabling Act, Public Act 32 of 1986, MCL 484.1101, et seq., as amended, addressing the technical, operational, financial, managerial, and call handling aspects of the County's 9-1-1 System.
- 1.6. <u>County 9-1-1 System/9-1-1 System</u> means the ESInet and the Call Processing Equipment System and as further defined and described in the 9-1-1 Plan and the Emergency 9-1-1 Service Enabling Act, Public Act 32 of 1986, MCL 484.1101, et seq., as amended.
- 1.7. <u>County</u> means Oakland County, a municipal and constitutional corporation, including, but not limited to, its departments, divisions, the County Board of Commissioners, elected and appointed officials, directors, board members, council members, commissioners, authorities, committees, employees, agents, volunteers, and/or any such persons' successors.
- 1.8. <u>County Employee</u> means without limitation, any employees, officers, managers, trustees, volunteers, attorneys, and representatives of the County, and also includes any County licensees, concessionaires, contractors, subcontractors, independent contractors, contractor's suppliers, subsidiaries, joint ventures or partners, and/or any such persons, successors or predecessors, employees (whether such persons act or acted in their personal, representative or official capacities). "County Employee" shall also include any person who was a County Employee at any time during the term of this Agreement but, for any reason, is no longer employed, appointed, or elected in that capacity.
- 1.9. **Day** means any calendar day beginning at 12:00 a.m. and ending at 11:59 p.m.
- 1.10. <u>Emergency Services IP Network ("ESInet")</u> means a managed, standards-based IP network that is used for emergency response service communications and 9-1-1 Services, which can be shared/used by public safety agencies. The ESInet provides the IP transport infrastructure upon which independent application platforms and core functional processes can be deployed, including, but not limited to, those necessary for providing NG9-1-1 services.
- 1.11. Exhibits means the following document, which is fully incorporated into this Agreement: Exhibit A: Diagram of ESInet demarcation. Exhibit A is confidential and not subject to the Michigan Freedom Information Act, because it contains information of measures designed to protect the security or safety of persons or property, MCL 15.243(y)
- 1.12. <u>Host Call Processing Equipment ("Host CPE")</u> means (1) the hardware and equipment, including the provision of data centers, that is needed to operate, manage, host, and

- interconnect the Remote CPE and the 9-1-1 System, but excluding the Remote CPE and (2) the software used to accept, deliver, operate, and manage 9-1-1 voice information, location information, and related data from the telephone service providers to Remote CPE and to the 9-1-1 System.
- 1.13. **Points of Contact** mean the individuals designated by Public Body and the County to act as primary and secondary contacts for communication and other purposes as described herein.
- 1.14. <u>Public Body</u> means the City of Troy including, but not limited to, its Council, Board, and all of its departments, divisions, elected and appointed officials, board members, commissioners, authorities, committees, employees, agents, subcontractors, attorneys, volunteers, and/or any such persons' successors.
- 1.15. Public Body Employee means without limitation, any employees, officers, managers, trustees, volunteers, attorneys, and representatives of the Public Body, and also includes any licensees, concessionaires, contractors, subcontractors, independent contractors, contractor's suppliers, subsidiaries, joint ventures or partners, and/or any such persons, successors or predecessors, employees, (whether such persons act or acted in their personal, representative or official capacities). "Public Body Employee" shall also include any person who was a Public Body Employee at any time during the term of this Agreement but, for any reason, is no longer employed, appointed, or elected in that capacity.
- 1.16. Public Safety Answering Point ("PSAP") means a primary or secondary public safety answering point as defined in the Emergency 9-1-1 Service Enabling Act, MCL 484.1102(z) and (gg).
- 1.17. Remote Call Processing Equipment ("Remote CPE") means the hardware and equipment within the Public Body's PSAP, as further defined by the demarcation point in Exhibit A, which accepts, delivers, and manages 9-1-1 voice information, location information, and related data from the telephone service providers to the call taker/dispatcher and the 9-1-1 System.

2. EFFECTIVE DATE & DURATION OF AGREEMENT & AMENDMENTS.

- 2.1. Effective Date of Agreement/Amendments. This Agreement and any amendments to this Agreement shall be effective when executed by both Parties with resolutions passed by the governing bodies of each Party. All amendments to this Agreement shall be in writing. The approval of this Agreement and any amendments shall be entered in the official minutes of the governing bodies of each Party. An executed copy of this Agreement and any amendments shall be filed by the County Clerk with the Secretary of State.
- 2.2. <u>Agreement Duration</u>. This Agreement shall remain in effect for five (5) years from the date the Agreement is completely executed by all Parties ("initial term") or until cancelled or terminated pursuant to this Agreement. Upon expiration of the initial term, this Agreement shall automatically renew for one (1) year terms, unless it is terminated or cancelled pursuant to this Agreement.

3. COUNTY RESPONSIBILITIES.

3.1. <u>Provision and Maintenance of ESInet.</u> The County, through a third-party, shall construct, implement, operate, maintain, and repair the ESInet, including the demarcation equipment, to operate the 9-1-1 System, pursuant to the 9-1-1 Plan. All costs to construct,

- implement, operate, maintain, and repair the ESInet, including the demarcation equipment, will be paid by the County through technical and/or operational surcharge.
- 3.2. <u>Delivery of ESInet.</u> The County, through a third-party, shall deliver and install the ESInet to the physical edge of the building where the Public Body's PSAP is located. The ESInet will terminate at a mutually agreed upon, secure and safe interior location. The physical demarcation point, demarcation equipment, and handoff parameters for the ESInet are depicted and defined in Exhibit A.
- 3.3. <u>Bandwidth for ESInet.</u> The County will determine the bandwidth of the ESInet to be delivered to the Public Body's PSAP. This determination will be based on the PSAP's historical call volume and software requirements. The determination shall be reviewed annually by the County to ensure that 9-1-1 Service bandwidth requirements are sufficient.
- 3.4. <u>Provision and Maintenance of Host CPE.</u> The County, through a third-party, shall provide, pay for, maintain, and repair the Host CPE. All costs for the provision, maintenance, and repair of the Host CPE shall be paid by the County through technical and/or operational surcharges.
- 3.5. Critical Spare Parts. The County shall keep an inventory of critical spare parts for Remote CPE the County, in its discretion, deems appropriate. The County shall be responsible for paying the initial inventory of critical spare parts. The Public Body may have access to this inventory and use parts from the inventory in situations when its Remote CPE become non-operational. If the Public Body takes a spare part from the inventory, then the Public Body shall be responsible for any costs related to restocking the same part, unless these costs are covered by warrant and/or maintenance agreement.
- 3.6. <u>Back-Up PSAP.</u> The County will be creating a back-up PSAP. The County will be responsible for all costs associated with the facility and equipment for the back-up PSAP. On a first come, first serve basis, the Public Body may use this back-up PSAP for training or in cases of emergencies. To make arrangements to use the back-up PSAP, the Public Body's Point of Contact shall contact the On Duty Command Sergeant-Sheriff's Operations Center at 248.858.4954.

4. PUBLIC BODY RESPONSIBILITIES.

- 4.1. **Provision of Remote CPE.** The Public Body shall be responsible to purchase and pay for the Remote CPE for the operation of its PSAP. The Remote CPE shall be purchased from the provider selected by the County. The County is requiring that all Remote CPE connected and running over the ESInet be from the same provider, in order to provide optimal functionality, security, and operation of the 9-1-1 System.
- 4.2. <u>Building Access.</u> The Public Body shall provide building access to the County and/or its contractors to allow for the construction, installation, operation, maintenance, and repair of the ESInet. The physical demarcation point for the ESInet will be in or near the Public Body's building where the PSAP is located. The physical demarcation point, demarcation equipment, and handoff parameters of the ESInet are depicted and defined in Exhibit A.
- 4.3. <u>Maintenance and Repair of Remote CPE.</u> The Public Body shall be responsible for the maintenance, repair, and updating of the Remote CPE and the costs associated therein.
- 4.4. <u>Additional Responsibilities.</u> The Public Body shall be responsible for back-up power, grounding, data storage, physical security and voice/data recorders for the Remote CPE.

- 4.5. Administrative Telephone Lines. Upon prior written approval of the County's 9-1-1 Coordinator, which shall not be unreasonably withheld, the Public Body may integrate its administrative telephone lines used in the delivery of 9-1-1 Service with the CPE System and ESInet. The Public Body shall be responsible for all costs associated with integrating such administrative telephone lines with the CPE System and ESInet, including, but not limited to, costs for additional bandwidth for the ESInet to accommodate the lines.
- 4.6. <u>Notification of Additional Purchases.</u> Thirty (30) days prior to the purchase of Remote CPE or components thereof, the Public Body shall give written notice to the County's Points of Contact of such purchases. This notification will enable the County to ensure it has sufficient software licenses and supporting infrastructure to operate the Remote CPE over the ESInet and to provide support for the host/remote configuration.
- 4.7. <u>Updates to 9-1-1 Related Information.</u> Pursuant to State law and the County 9-1-1 Plan, the Public Body shall be responsible for timely maintenance and updates to the master street address guide (MSAG), automatic location identifier (ALI), related geofiles, and required GIS datasets.
- 4.8. <u>Fees for ESInet.</u> The Public Body shall use its best efforts to waive any local/municipal permit fees or other fees associated with the construction, implementation, operation, and maintenance of the ESInet.
- 4.9. Owner of Data. Public Body is the owner of all data provided by Public Body.
- 4.10. **No Interference or Disruption.** Neither the Public Body nor Public Body Employees shall interfere with or disrupt the operation or maintenance of the ESInet, the CPE System, the provision of 9-1-1 Services, and the County 9-1-1 System.

5. Operational Workflow Management Procedure/Points of Contact.

- 5.1. Operational Workflow Management Procedure. The Public Body agrees to comply with the Operational Workflow Management Procedure ("Procedure"). This Procedure sets forth the process of how the County, its contractor's, and the Public Body will approach and conduct security management, incident management, problem management, and change management related to the ESInet and Call Processing Equipment System. Upon execution of this Agreement, the County will provide the Public Body's Points of Contact with a copy of this Procedure. The Procedure may be changed from time to time, at the discretion of the County, with or without input from the Public Body. If the Procedure is changed, the County shall provide the Public Body's Points of Contact with the new version of the Procedure.
- 5.2. Points of Contact. The County's Primary Point of Contact shall be the County's 9-1-1 Coordinator and the County's Secondary Point of Contact shall be the Oakland County Information Technology Service Desk. The Public Body's Primary Point of Contact shall be the PSAP Coordinator and the Public Body's Secondary Point of Contact shall be PSAP on duty supervisor.

6. PAYMENTS.

6.1. Additional Costs. If County is legally obligated for any reason, e.g. subpoena, Court Order, or Freedom of Information Act request, to search for, identify, produce or testify regarding Public Body's data or information that is electronically stored by County relating to the 9-1-1 Services or ESInet provided under this Agreement, then Public Body shall reimburse County for all reasonable costs the County incurs in searching for, identifying,

- producing, or testifying regarding such data or information. County may waive this requirement at its sole discretion.
- 6.2. Failure to Pay. If Public Body, for any reason, fails to pay County any monies when and as due under this Agreement, Public Body agrees that unless expressly prohibited by law, County or the Oakland County Treasurer, at their sole option, shall be entitled to set off from any Public Body funds that are in County's possession for any reason, including but not limited to, the Oakland County Delinquent Tax Revolving Fund ("DTRF"), if applicable. Any setoff or retention of funds by County shall be deemed a voluntary assignment of the amount by Public Body to County. Public Body waives any Claims against County or its Officials for any acts related specifically to County's offsetting or retaining of such amounts. This paragraph shall not limit Public Body's legal right to dispute whether the underlying amount retained by County was actually due and owing under this Agreement.
- 6.3. <u>Interest Charge</u>. If County chooses not to exercise its right to setoff or if any setoff is insufficient to fully pay County any amounts due and owing County under this Agreement, County shall have the right to charge up to the then-maximum legal interest on any unpaid amount. Interest charges shall be in addition to any other amounts due to County under this Agreement. Interest charges shall be calculated using the daily unpaid balance method and accumulate until all outstanding amounts and accumulated interest are fully paid.
- 6.4. Other Rights. Nothing in this Section shall operate to limit County's right to pursue or exercise any other legal rights or remedies under this Agreement or at law against Public Body to secure payment of amounts due County. The remedies in this Section shall be available to County on an ongoing and successive basis if Public Body at any time becomes delinquent in its payment. Notwithstanding any other term and condition in this Agreement, if County pursues any legal action in any court to secure its payment under this Agreement, Public Body agrees to pay all costs and expenses, including attorney fees and court costs, incurred by County in the collection of any amount owed by Public Body.

7. ASSURANCES.

- 7.1. **Responsibility for Claims.** Each Party shall be responsible for any Claims made against that Party by a third party, and for the acts of its employees arising under or related to this Agreement.
- 7.2. Responsibility for Attorney Fees and Costs. Except as provided for in Section 6.4, each Party shall seek its own legal representation and bear the costs associated with such representation, including judgments and attorney fees, for any Claim that may arise from the performance of this Agreement.
- 7.3. **No Indemnification.** Except as otherwise provided for in this Agreement, neither Party shall have any right under this Agreement or under any other legal principle to be indemnified or reimbursed by the other Party or any of its agents in connection with any Claim
- 7.4. <u>Costs, Fines, and Fees for Misuse</u>. Public Body shall be solely responsible for all costs, fines and fees associated with any misuse by its Public Body Employees of the I.T. Services provided herein.
- 7.5. Reservation of Rights. This Agreement does not, and is not intended to, impair, divest, delegate or contravene any constitutional, statutory, and/or other legal right, privilege,

- power, obligation, duty, or immunity of the Parties. Nothing in this Agreement shall be construed as a waiver of governmental immunity for either Party.
- 7.6. <u>Authorization and Completion of Agreement</u>. The Parties have taken all actions and secured all approvals necessary to authorize and complete this Agreement. The persons signing this Agreement on behalf of each Party have legal authority to sign this Agreement and bind the Parties to the terms and conditions contained herein.
- 7.7. Compliance with Laws. Each Party shall comply with all federal, state, and local ordinances, regulations, administrative rules, and requirements applicable to its activities performed under this Agreement. Both Parties will be responsible for their respective obligations to comply with rules and regulations promulgated by the FCC or other governmental body related to 9-1-1 Services and the operation of the County 9-1-1 System.
- 7.8. <u>Limitation of Liability</u>. In no event shall either Party be liable to the other Party or any other person, for any consequential, incidental, direct, indirect, special, and punitive or other damages arising out of this Agreement.
- 7.9. 9-1-1 Services "As Is". THE 9-1-1 SERVICES ARE PROVIDED ON AN "AS IS" AND "AS AVAILABLE" BASIS. COUNTY EXPRESSLY DISCLAIMS ALL WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.
- 7.10. **No Warranty for 9-1-1 Services.** County makes no warranty that the 9-1-1 Services will be uninterrupted, secure, error-free, or available at all times.
- 7.11. **Downloaded Material or Data.** Any material or data downloaded or otherwise obtained through the use of the ESInet is accessed at Public Body's discretion and risk. Public Body will be solely responsible for any damage to its computer system or loss of data that results from downloading of any material.
- 8. <u>DISPUTE RESOLUTION</u>. All disputes concerning the execution, interpretation, performance, or nonperformance of this Agreement involving or affecting the Parties may first be submitted to County Director of Information Technology and Public Body's Agreement Administrator for possible resolution. County Director of Information Technology and Public Body's Agreement Administrator may promptly meet and confer in an effort to resolve such dispute. If they cannot resolve the dispute in five (5) business days, the dispute may be submitted to the signatories of this Contract or their successors in office. The signatories of this Contract may meet promptly and confer in an effort to resolve such dispute.

9. TERMINATION OR CANCELLATION OF AGREEMENT.

- 9.1. <u>Termination of Agreement and Exhibits</u>. Upon sixty (60) days written notice to the other Party, either Party may terminate or cancel this entire Agreement, in whole or in part, for any reason including convenience. The Chairperson of the Board of Commissioners is authorized to terminate or cancel this Agreement for the County.
- 9.2. <u>Effective Date of Termination or Cancellation</u>. The effective date of termination and/or cancellation shall be clearly stated in the written notice of termination or cancellation.

10. SUSPENSION OF SERVICES.

10.1. Upon notice to the Public Body of the County's determination that the Public Body has failed to comply with federal, state, or local law or the requirements contained in this

- Agreement, the County may immediately suspend this Agreement, provided the notice contains a detailed description of the basis for the determination.
- 10.2. Upon submission of a written plan or statement by the Public Body to the County addressing each basis listed in the County's notice and the County agrees to such written plan or statement (such agreement shall not be unreasonably withheld), then the Public Body shall be entitled to an immediate reinstatement of the Agreement.
- 10.3. The right to suspend this Agreement is in addition to the right to terminate or cancel this Agreement contained in Section 9.
- 10.4. The County shall not incur penalty, expense, or liability if services are suspended under this Section, unless the Agreement is not immediately reinstated as provided in this Section or the County wrongfully suspended the Agreement under this Section.
- 11. <u>**DELEGATION OR ASSIGNMENT.**</u> Neither Party shall delegate or assign any obligations or rights under this Agreement without the prior written consent of the other Party.
- 12. **NO EMPLOYEE-EMPLOYER RELATIONSHIP.** Nothing in this Agreement shall be construed as creating an employer-employee relationship between County and Public Body.
- 13. **NO THIRD PARTY BENEFICIARIES.** Except as provided for the benefit of the Parties, this Agreement does not and is not intended to create any obligation, duty, promise, contractual right or benefit, right to indemnification, right to subrogation, and/or any other right in favor of any other person or entity.
- 14. **NO IMPLIED WAIVER.** Absent a written waiver, no act, failure, or delay by a Party to pursue or enforce any rights or remedies under this Agreement shall constitute a waiver of those rights with regard to any existing or subsequent breach of this Agreement. No waiver of any term, condition, or provision of this Agreement, whether by conduct or otherwise, in one or more instances shall be deemed or construed as a continuing waiver of any term, condition, or provision of this Agreement. No waiver by either Party shall subsequently affect its right to require strict performance of this Agreement.
- 15. **SEVERABILITY.** If a court of competent jurisdiction finds a term or condition of this Agreement to be illegal or invalid, then the term or condition shall be deemed severed from this Agreement. All other terms, conditions, and provisions of this Agreement shall remain in full force.
- 16. **PRECEDENCE OF DOCUMENTS.** In the event of a conflict between the terms of and conditions of any of the documents that comprise this Agreement, the terms in the Agreement shall prevail and take precedence over any allegedly conflicting terms in the Exhibits or other documents that comprise this Agreement.
- 17. <u>CAPTIONS</u>. The section and subsection numbers, captions, and any index to such sections and subsections contained in this Agreement are intended for the convenience of the reader and are not intended to have any substantive meaning. The numbers, captions, and indexes shall not be interpreted or be considered as part of this Agreement. Any use of the singular or plural, any reference to gender, and any use of the nominative, objective or possessive case in this Agreement shall be deemed the appropriate plurality, gender or possession as the context requires.
- 18. <u>FORCE MAJEURE</u>. Notwithstanding any other term or provision of this Agreement, neither Party shall be liable to the other for any failure of performance hereunder if such failure is due to any cause beyond the reasonable control of that Party and that Party cannot reasonably

- accommodate or mitigate the effects of any such cause. Such cause shall include, without limitation, acts of God, fire, explosion, vandalism, national emergencies, insurrections, riots, wars, strikes, lockouts, work stoppages, other labor difficulties, or any law, order, regulation, direction, action, or request of the United States government or of any other government. Reasonable notice shall be given to the affected Party of any such event.
- 19. **NOTICES.** Notices given under this Agreement shall be in writing and shall be personally delivered, sent by express delivery service, certified mail, or first class U.S. mail postage prepaid, and addressed to the person listed below. Notice will be deemed given on the date when one of the following first occur: (i) the date of actual receipt; (ii) the next business day when notice is sent express delivery service or personal delivery; or (iii) three days after mailing first class or certified U.S. mail.
 - 19.1. If Notice is sent to County, it shall be addressed and sent to the following: (1) Director, Oakland County Department of Information Technology, 1200 North Telegraph Road, Pontiac, Michigan, 48341; (2) the Chairperson of the Oakland County Board of Commissioners, 1200 North Telegraph Road, Pontiac, Michigan 48341; and (3) the County 9-1-1 Coordinator, 1200 North Telegraph Road, Pontiac, Michigan 48341.
 - 19.2. If Notice is sent to Public Body, it shall be addressed to: Chief of Police, City of Troy, 500 W. Big Beaver Road, Troy, Michigan 48084; (2) Mayor of the City of Troy, 500 W. Big Beaver Road, Troy, Michigan 48084; and (3) Communications Sergeant, Troy Police Department, 500 W. Big Beaver Road, Troy, Michigan 48084.
 - 19.3. Either Party may change the individual to whom Notice is sent and/or the mailing address by notifying the other Party in writing of the change.
- 20. GOVERNING LAW/CONSENT TO JURISDICTION AND VENUE. This Agreement shall be governed, interpreted, and enforced by the laws of the State of Michigan. Except as otherwise required by law or court rule, any action brought to enforce, interpret, or decide any Claim arising under or related to this Agreement shall be brought in the 6th Judicial Circuit Court of the State of Michigan, the 50th District Court of the State of Michigan, or the United States District Court for the Eastern District of Michigan, Southern Division, as dictated by the applicable jurisdiction of the court. Except as otherwise required by law or court rule, venue is proper in the courts set forth above.

21. ENTIRE AGREEMENT.

21.1. Entire Agreement. Except as provided by law or the County's 9-1-1 Plan, this Agreement represents the entire agreement and understanding between the Parties regarding the ESInet and the Call Processing Equipment System. This Agreement supersedes all other oral or written agreements between the Parties regarding the ESInet and the Call Processing Equipment System.

21.2. <u>Construction of Agreement</u>. The language of this Agreement shall be construed as a whole according to its fair meaning, and not construed strictly for or against any Party.

IN WITNESS WHEREOF, **Gary Mayer**, **Chief of Police** hereby acknowledges that he has been authorized to execute this Agreement on behalf of Public Body and accepts and binds Public Body to its terms and conditions.

EXECUTED:		DATE:
	Gary Mayer, Chief of Police	
	City of Troy	
WITNESSED		DATE:
	Aileen Dickson, Clerk	
	City of Troy	
PUBLIC BOD	Y AGREEMENT ADMINISTRATOR	
		DATE:
Commissioner County Board	WHEREOF, Michael J. Gingell, Chairperson, is, hereby acknowledges that he has been author of Commissioners to execute this Agreement and County to the terms and condition	orized by a resolution of the Oakland on behalf of Oakland County, and hereby
EXECUTED:	Michael J. Gingell, Chairperson Oakland County Board of Commissioners	DATE:
WITNESSED	: Oakland County Board of Commissioners	DATE:

CONTRACT FOR THE PURCHASE OF NG9-1-1 EQUIPMENT AND SERVICES

The Parties hereby enter into this Contract, effective on _______, 2017, between Emergency CallWorks, Inc. ("ECW") and <u>Troy Police Department</u> ("<u>Troy Police Department</u>"), for the purchase of Next Generation 911 Equipment and Services.

Whereas, ECW and the County of Oakland, MI, entered into a Contract (No. 004698) ("Primary Contract") attached hereto as Exhibit A for the purchase of Next Generation 911 Equipment and Services.

For an amount not to exceed \$124,014.92, <u>Troy Police Department</u> agrees to abide by the terms and conditions of the Primary Contract, including its Exhibits, and whenever "County" is referred to in the Primary Contract, and only for purposes of this Contract, it will have the same effect as referring to <u>Troy</u> Police Department, except as set forth below:

1. Section 5.1 of the Primary Contract shall be replaced in its entirety with the following:

- a. <u>Performance of Deliverables.</u> Contractor shall provide all Deliverables and Equipment identified in and as set forth in Exhibits II and VI or any Amendments to this Contract.
- 2. Section 5.2 of the Primary Contract is hereby deleted for purposes of this Contract.
- 3. Section 5.4 of the Primary Contract shall be replaced in its entirety with the following:
 - a. <u>Financial Obligations</u>. Except as otherwise set forth in this Contract, <u>Troy Police</u>
 <u>Department</u>'s sole financial obligation under this Contract shall be set forth in Exhibits II,
 IV and VI. The amount and manner of payment of the financial obligation shall be a
 Purchase Order based on its respective amount in Exhibit VI.

4. Section 5.5 of the Primary Contract shall be replaced in its entirety with the following:

a. Payment Obligations. Except as otherwise set forth in Exhibits II, IV and VI, Contractor shall submit an invoice to Troy Police Department's Contract Administrator, or equivalent, itemizing amounts due and owing under this Contract, as of the date of the invoice. Invoices shall contain the following information: (a) County Contract Number; (b) itemized list of Deliverables; (c) Contractor Tax ID Number (federal and State); and (d) any other information reasonably requested by Troy Police Department. Troy Police Department shall have no obligation to make a payment under this Contract until an invoice is submitted in the form set forth herein and shall have no obligation to pay for Deliverables, which have not been invoiced (as required herein) within sixty (60) Days of Contractor's performance. Unless otherwise set forth in Exhibit II, Troy Police only pay Contractor for Deliverables under this Contract and not any subcontractors or assignees of Contractor.

5. Section 7.4 of the Primary Contract shall be replaced in its entirety with the following:

a. <u>Limitation of Liability</u>. Except for Claims resulting in personal injury or death, Contractor's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, indemnification, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed Two Hundred Fifty Thousand Dollars

(\$250,000.00). ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT NEITHER PARTY WILL BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOOD WILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS CONTRACT, THE SALE OR USE OF THE DELIVERABLES OR SOFTWARE, OR THE PERFORMANCE OF SERVICES BY CONTRACTOR PURSUANT TO THIS CONTRACT. This limitation of liability provision survives the expiration or termination of the Contract and applies notwithstanding any contrary provision.

6. <u>Troy Police Departmenthereby agrees to abide by the terms, conditions, limitations and restrictions contained in Exhibit III (Software License Agreement) of the Primary Contract and further agrees and acknowledges that:</u>

- a. The County of Oakland is purchasing and is thereby granted all personal, limited, non-transferrable and non-exclusive Software licenses under the Primary Contract as more fully described in Section 3 of Exhibit III.
- b. <u>Troy Police Department</u> will not be a Licensee of the Software under the Primary Contract.
- c. <u>Troy Police Department</u> is a user of the Software under the Primary Contract.

7. Exhibit IV – Maintenance Agreement of the Primary Contract, is hereby modified as follows:

- a. Section 2.1 is hereby replaced with the following:
 - i. Fees for services under this Agreement are set forth in Exhibits II and VI and incorporated herein by reference.
- b. Section 3.3 is not applicable to this Contract.
- c. Schedule A "7x24x365 Service 4-hour On-Site Response Fee Schedule" shall be in accordance with Exhibits II & VI of the Primary Contract.
- d. Schedule A "Spare Parts Kit COUNTY Site Location(s)" is not applicable to this Contract.

The Parties hereby enter into this Contract as of the Effective Date.

Emergency CallWorks, Inc.	Troy Police Department
By:	By:
Name:	Name:
Title:	Title:
Date:	Date:



CITY COUNCIL AGENDA ITEM

Date: September 9, 2022

To: Mark F. Miller, City Manager

From: Robert Bruner, Assistant City Manager

R. Brent Savidant, Community Development Director

William J. Huotari, City Engineer

Subject: Private Agreement – Contract for Installation of Municipal Improvements

Casca Village of Troy, Site Condominium Development - Project No. 15.926.3

History

CV Development LLC proposes to develop Casca Village of Troy, a 4-Unit Single Family Residential Site Condominium Project, East of Crooks Road and South of West South Boulevard, Section 4.

City of Troy Planning Commission granted preliminary site plan approval on February 9, 2020.

Site grading and utility plans for this development were reviewed and recently approved by the Engineering Department. The plans include municipal improvements, which will be constructed by CV Development LLC on behalf of the City of Troy and include: Water Main, Sanitary Sewer, Storm Sewer, Concrete Pavement and Concrete Sidewalk. The required fees and refundable escrow deposits in the form of a Performance Bond and 10% Cash that will assure completion of the municipal improvements, has been provided by CV Development LLC (see attached Private Agreement).

Financial

See attached summary of required deposits and fees for this Private Agreement.

Recommendation

Approval of the Contract for Installation of Municipal Improvements (Private Agreement) is recommended.

City Of Troy

Contract for Installation of Municipal Improvements (Private Agreement)

Project Location:

NW 1/4 Section 4

Project No.: **15.926.3**

deposits is made by the Owners.

Resolution No:		Date of Cou	uncil Approval			
This Contract, made and entered into this <u>16th</u> day of <u>September</u> , <u>2022</u> by and between the City of Troy, a Michigan Municipal Corporation of the County of Oakland, Michigan, hereinafter referred to as "City" and <u>CV DEVELOPMENT LLC</u> whose address is <u>2617 BEACON HILLS DRIVE</u> , <u>AUBURN HILLS, MI 48326</u> and whose telephone number is <u>248-373-5080</u> hereinafter referred to as "Owners", provides as follows:						
FIRST: That the City ago SEWER, CONCRETE PAVED POWELL ENGINEERING & A LAKE, MI 48383 and whose by the City in accordance	MENT AND CONCR ASSOCIATES, LLC e telephone numb	ETE SIDEWAL whose addre per is <u>248-714</u>	<u>.K</u> in accordar ess is <u>4700 CO</u> <u>-9895</u> and app	nce with plans RNERSTONE DR	orepared by IVE, WHITE	
SECOND: That the Own of construction, in accord (attached hereto and inco	lance with the De	tailed Summ				
	Refundable escrow deposit equal to the estimated construction cost of \$ 217,325.00. This amount will be deposited with the City in the form of (check one):					
Irrevocable Bank L	Cash/Check Certificate of Deposit & 10% Cash Irrevocable Bank Letter of Credit & 10% Cash Performance Bond & 10% Cash					
Refundable cash deposit in the amount of \$ 49,981.00. This amount will be deposited with the City in the form of (check one):						
Cash		Ch	eck	\boxtimes		
Non-refundable cash feet the form of (check one):	s in the amount o	f \$ <u>6,656.40</u> .	This amount	will be paid to	the City in	
Cash		Ch	eck	\boxtimes		
Said refundable escrow deposits shall be disbursed to the Owners after approval by the City. The City reserves the right to retain a minimum of ten (10) percent for each escrowed item until the entire site/development has received final inspection and final approval by all City						

departments. Refundable cash deposits shall be held until final approval has been issued. Disbursements shall be made by the City within a reasonable time, after request for refund of

City Of Troy

Contract for Installation of Municipal Improvements (Private Agreement)

THIRD: The owners shall contract for construction of said improvement with a qualified contractor. Owners, or their agents, and contractor(s) agree to arrange for a pre-construction meeting with the City Engineer prior to start of work. All municipal improvements must be completely staked in the field under the direct supervision of a registered civil engineer or registered land surveyor, in accordance with the approved plans. Revisions to approved plans required by unexpected or unknown conflicts in the field shall be made as directed by the City.

FOURTH: Owners agree that if, for any reason, the total cost of completion of such improvements shall exceed the sums detailed in Paragraph SECOND hereof, that Owners will immediately, upon notification by the City, remit such additional amounts in accordance with Paragraph SECOND hereof. In the event the total cost of completion shall be less than the sums as detailed in Paragraph SECOND hereof, City will refund to the Owners the excess funds remaining after disbursement of funds.

FIFTH: Owners agree to indemnify and save harmless City, their agents and employees, from and against all loss or expense (including costs and attorneys' fees) by reason of liability imposed by law upon the City, its agents and employees for damages because of bodily injury, including death, at any time resulting therefrom sustained by any person or persons or on account of damage to property, including work, provided such injury to persons or damage to property is due or claimed to be due to negligence of the Owner, his contractor, or subcontractors, employees or agents, Owner further agrees to obtain and convey to the City all necessary easements and/or right-of-way for such public utilities as required by the City Engineer.

City Of Troy
Contract for Installation of Municipal Improvements
(Private Agreement)

IN WITNESS WHEREOF, the parties hereto have ca duplicate on thisday ofday of	used this agreement to be executed in <u>SER</u> , 20 <u>QQ</u> .
OWNERS	
By:	
Its: ALHADIZED AGENT	Its:
Please Print or Type Anthony F. RANDAZZO	Please Print or Type
STATE OF MICHIGAN, COUNTY OF OAKLAND	
On this day of	_, A.D.20_2022, before me personally EVELOPMENT known by me nt and who acknowledged this to be
FRANCES P. TABRI NOTARY PUBLIC, MACCINB, Michigan	Frances Patricia Tabbi NOTARY PUBLIC - STATE OF MICHIGAN County of Macomb My Commission Expires 7/15/2024 Acting in the County of
My commission expires: 7-15-24 Acting in OANLAND County, Michigan	Acting in the County of Cocklants

City Of Troy
Contract for Installation of Municipal Improvements
(Private Agreement)

CITY OF TROY				
Ву:				
Ethan Baker, Mayor		M. Aileen Di	ckson, City Clerk	
STATE OF MICHIGAN,	COUNTY OF OAKLAND			
On thisappearedto be the same person(shis/her/their free act and	day of b) who executed this instruction I deed.	, A.D.20	, before me personally known by cknowledged this to be	me
NOTARY PUBLIC,	, Michigan			
My commission expires: Acting in				

Project Construction

Permit No: PPC15.926.3

Engineering Department

TO SCHEDULE INSPECTION CALL INSPECTION LINE: (248) 680-7221

500 W. Big Beaver Road Troy, Michigan 48084 Hours: Mon-Fri 8am - 4:30pm

Fax: (248) 524-1838 www.troymi.gov

NOTE: A Minimum of 24 hour notice for inspection shall be provided prior to construction.

Location

88-20-04-100-085 Lot:

Subdivision: Andrew Farms #1 & 2

Project No: 15.926.3

CV DEVELOPMENT LLC

2617 BEACON DR

Auburn Hills

(248) 373 5080

Permittee/Owner

MI 48326

Issued: 09/08/2022

FOR INFORMATION REGARDING THE ISSUANCE OF THIS PERMIT, CONTACT THE CITY OF TROY ENGINEERING

Expires:

DEPARTMENT AT (248) 524-3383

Applicant

2617 BEACON DR

Auburn Hills MI 48326

(248) 373 5080

Work Description: New Residential Site Condominium Development

Casca Village of Troy

Stipulations: Off-Site Detention Pond

Work will meet all codes and inspections.

Category	Permit Item	Acreage/Qty
Escrow Deposits	Sanitary Sewers	29,115.00
Escrow Deposits	Water Mains	52,925.00
Escrow Deposits	Storm Sewers	18,420.00
Escrow Deposits	Rear Yard Drains	23,205.00
Escrow Deposits	Pavement	83,860.00
Escrow Deposits	Grading	8,000.00
Escrow Deposits	Temporary Access Road	1,800.00
Cash Fees (Non-Refundable)	Water Main Testing/Chlorination PA2	507.00
Cash Fees (Non-Refundable)	Signs	6.00
Cash Fees (Non-Refundable)	Detention Basin Maintenance	1.00
Cash Fees (Non-Refundable)	arkers - Full Range	5.00
Cash Deposits (Refundable)	Construction Engineering (CE)	215,525.00
Cash Deposits (Refundable)	Sidewalks	625.00
Cash Deposits (Refundable)	Monuments	8.00
Cash Deposits (Refundable)	Lot Corner Irons	6.00
Cash Deposits (Refundable)	ROW Restoration	376.00
Cash Deposits (Refundable)	Repair & Maintenance-Public Streets	2,500.00
Cash Deposits (Refundable)	Punchlist & Restoration	215,525.00

Amount Due: 0.00
PAID IN FULL



Project Construction

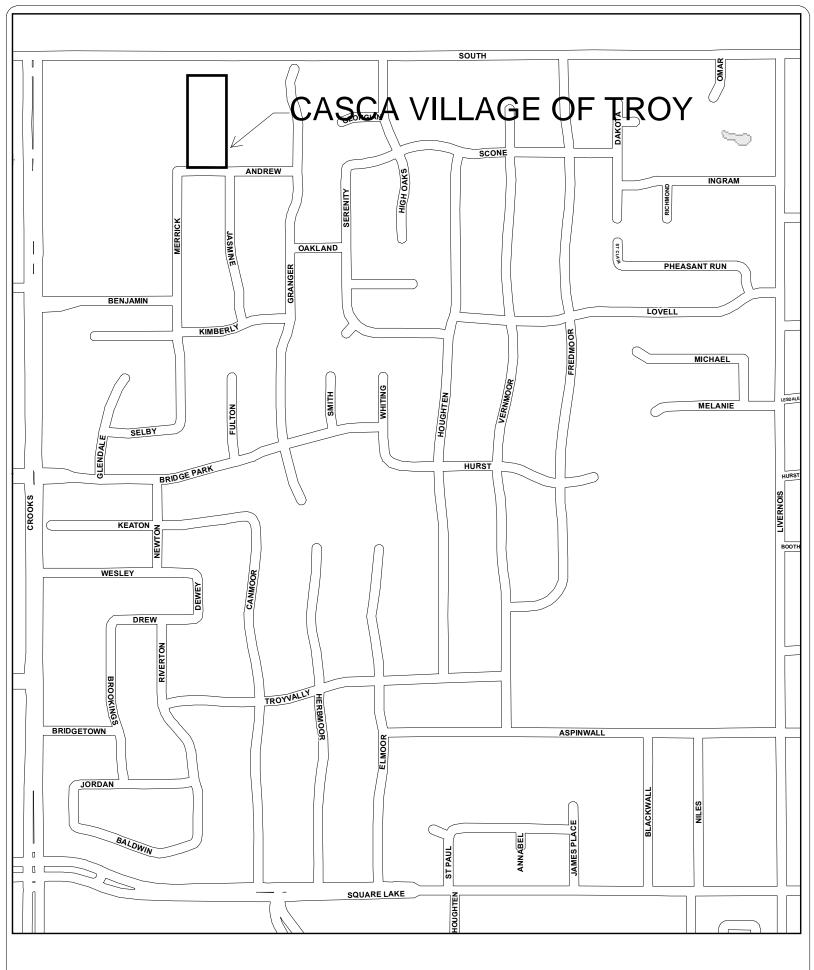
- 1) Secure a permit from the City of Troy prior to the commencement of construction or maintenance operations. If a subcontractor is to perform the construction or maintenance entailed in this application, he shall be responsible, along with the applicant, for any provisions of this application and plans which apply to him.
- 2) Any and all construction proposed under this application will meet all requirements of the City, together with the Supplemental Specifications set forth on this application for permit.
- 3) Save harmless the City against any and all claims for damage arising from operations covered by this application and furnish proof of insurance coverage for the term of the permit issued. Insurance coverage shall be for general liability, property damage and workman's compensation at limits deemed acceptable to the City of Troy. The City of Troy to be named as additional insured on the general liability.
- 4) Surrender the permit herein applied for and surrender all rights there under whenever notified to do so by the City of Troy because of its need for the area covered by the permit or because of a default in any of the conditions of this permit.
- 5) Immediately remove, alter, relocate or surrender the facility of which this application is granted if requested by the City of Troy to do so upon termination of this application and upon failure to do so, will reimburse the City of Troy for the cost of removing, altering or relocating the facility. SUPPLEMENTAL SPECIFICATIONS:
- 1) INTENT: Since a permit will have to be secured from the City prior to the start of any construction or maintenance operations proposed by this application, it is the intent of these supplemental specifications to be incorporated as part of the plans or specifications required for this proposed work.
- 2) EXCAVATION AND DISPOSAL OF EXCAVATED MATERIAL: The City shall specify if trenches or excavations under or adjacent to the road surface shall be sheeted, shored and/or braced in such a manner as to prevent caving, loss, or settlement of foundation material supporting the pavement. Excavated material shall be stocked in such locations that it does not obstruct vision on the traveled portion of the road and in such a manner that it will interfere as little as possible with the flow of traffic. Sod and topsoil shall be stocked separately from other excavated material. The applicant shall dispose of all surplus and unsuitable material outside of the limits of the highway unless the permit provides for disposal at approved locations within the right-of-way. In the latter case, the material shall be leveled and trimmed in an approved manner.
- 3) BACKFILLING AND COMPACTING BACKFILL: All trenches, holes and pits, where specified, shall be filled with sound earth or with sand-gravel if so provided, placed in successive layers not more than six (6) inches in depth, loose measure, and each layer shall be thoroughly compacted by tamping and all backfill subject to check by the Controlled Density Method (minimum 95%). Grass shall be restored with sod and topsoil in accordance with the City of Troy Standard Specifications for Turf Restoration.

Sand-gravel backfill material shall consist of approved bank-run sand or gravel or a mixture of approved and or stone screenings in the mixture. All of the material shall be of such size that it will pass through a screen having two and one-half (2 ½) inch square openings, unless otherwise authorized.

Any excavation within the right-of-way, outside the traveled portion of the road, must be maintained until all settlement has occurred and must be re-shaped and temporarily seeded for soil erosion control. Grass areas shall be restored in accordance with the City of Troy Standard Specifications for Turf Restoration.

All excavation within the traveled portion of the road must be backfilled with sand and compacted. Special requirements are to be determined by the surface type.

- 4) CROSSING ROADBED BY TUNNELING: When the pipe is installed by tunneling, boring or jacking without cutting the existing pavement, the backfill shall be made by tamping a dry mix of lean concrete into place so as to completely fill any voids, remaining around the installation. The concrete shall be composed of one (1) part Portland cement and ten (10) parts sand-gravel by volume. Sand-gravel shall conform to the requirements given in Paragraph 3.
- 5) CROSSING BY CUTTING GRAVEL ROAD: All trenches are to be backfilled with approved material to within twelve (12) inches of the surface within the limits of the roadbed. Backfill methods will be as described in Paragraph 3. All surplus excavated material will be disposed of as described in Paragraph 2. The top twelve (12) inches within the roadbed will be backfilled with eight (8) inches of 4A limestone or slag topped with four (4) inches of processed road gravel (MDOT 22A). Trenches outside of the roadbed will be backfilled in accordance with Paragraph 3.
- 6) CROSSING BY CUTTING PAVEMENT AND TRENCHING: When this method is used, the pavement shall be cut back so that the opening is at least twelve (12) inches wider on each side than the width of the trench. In all concrete surfaces or bases, edges of trenches shall be formed by the use of a concrete saw. The pavement shall be broken in such a manner as to allow the reinforcing steel, if any, to protrude a sufficient distance for lapping or tying with similar reinforcement in the pavement patch. Backfill shall be in accordance with Paragraph 3. After the backfill has been thoroughly compacted, the pavement shall be replaced with processed road gravel (MDOT 22A) stabilized with chloride until such time as the pavement can be replaced with new pavement by the permit licensee. Maintenance of the temporary pavement will be assumed by the City if the contractor fails to do so and cost incurred will be deducted from the permit licensee's deposit.
- 7) DEPTH OF COVER MATERIAL: Pipes shall be placed to a depth that will provide not less than four (4) feet of cover between the top of roadway surface and the pipe.
- 8) TREE TRIMMING OR REMOVAL: A special permit will be required for any proposed tree trimming or removal.
- 9) Any proposed operation in the right-of-way not covered in the above specifications, submitted with this application shall be done in accordance with additional specifications or instructions deemed necessary by the City or its duly authorized representatives.
- 10) The following must be attached to the application when applicable: a Map; b Plans, specifications and location of facility; c Traffic plan in cases of street closure; d Proof of insurance; e City Council resolution granting a franchise or permit to operate a cable television system, telecommunications system or to install other public utilities in the City of Troy.



City of Troy
Section 4







CITY COUNCIL AGENDA ITEM

Date: September 12, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

R. Brent Savidant, Community Development Director

William J. Huotari, City Engineer

Larysa Figol, Sr. Right-of-Way Representative

Subject: Request for Acceptance of a Warranty Deed and Five Permanent Easements,

Casca Village of Troy Site Condominium, Sidwell #88-20-04-100-085 & 086

History

As part of the proposed Casca Village of Troy Site Condominium development, the City of Troy received a warranty deed for right-of-way and five permanent easements for public utilities, emergency ingress and egress, sanitary sewers and sidewalk, storm sewers and surface drainage, and water mains from CV Development, LLC, owner of the properties having Sidwell #88-20-04-100-085 & 086.

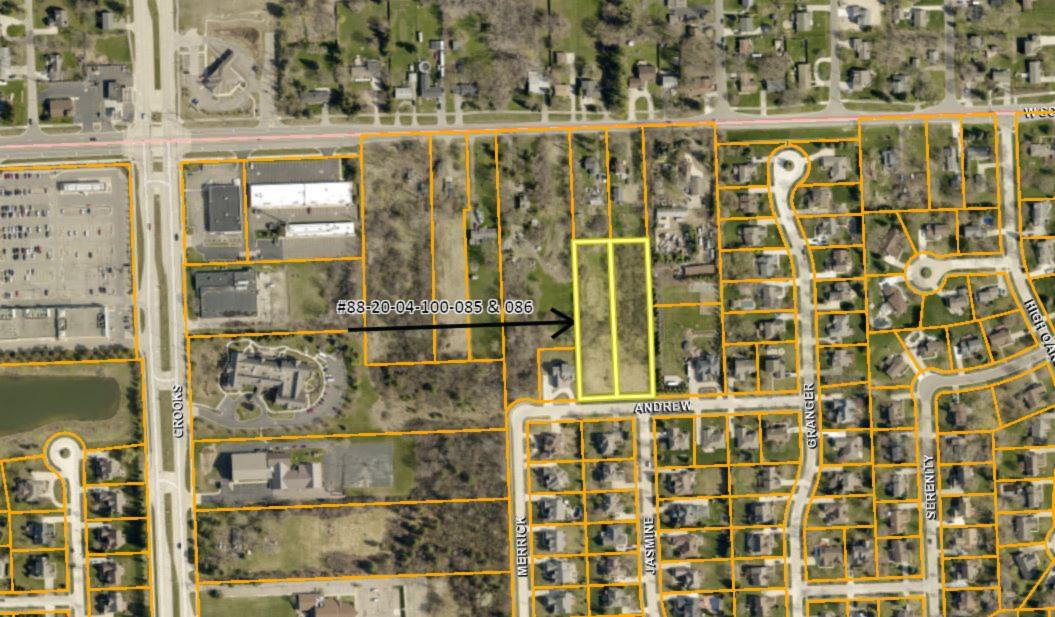
CV Development, LLC proposes a 4-unit single family residential site condominium located in the northwest quarter of Section 4, south of South Boulevard, extending north from Andrew Drive. City of Troy Planning Commission granted preliminary site plan approval on February 9, 2020.

Financial

The consideration amount on each document is \$1.00.

Recommendation

City Management recommends that City Council accept the attached permanent easements and warranty deed consistent with our policy of accepting easements and deeds for development and improvement purposes.



WARRANTY DEED

Sidwell # 88-20-04-100-086 (part of)

For the sum of One Dollar and no/cents (\$1.00)

The Grantor(s) **CV DEVELOPMENT, LLC**, a Michigan limited liability company, whose address is: 2617 Beacon Hill Drive, Auburn Hills, MI 48326 convey(s) and warrant(s) to the **CITY OF TROY**, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver Road, Troy, MI, 48084, the following described premises situated in the City of Troy, County of Oakland and State of Michigan:

SEE "EXHIBIT A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF

subject to easements and building and use restrictions of record and further subject to:			
Dated this 8th day of September	er, 2022.		
		a Michigan By	OPMENT, LLC limited liability company ny F. Randazzo ger
NOTARY PUBLIC -	edged before me this a Michigan limited li Patricia Tabbi - STATE OF MICHIGAN of Macomb	ability company, on	otember, 2022, by Anthony F. Randazzo behalf of the company. M. I.O. Portacion (APP) V. Public, MACOMB County, N.
My Commission	of Maconio 1 Expires 7/15/2024 unity of <u>OA LICUM</u>	My comm	Acting CAKLANIO County, N
County Treasurer's Certificate		City Treasurer's Co	ertificate
When recorded return to: City Clerk City of Troy 500 West Big Beaver Troy, MI 48084	Send subsequent Grantee	tax bills to:	Drafted by: Larysa Figol, SR/WA City of Troy 500 West Big Beaver Troy, MI 48084

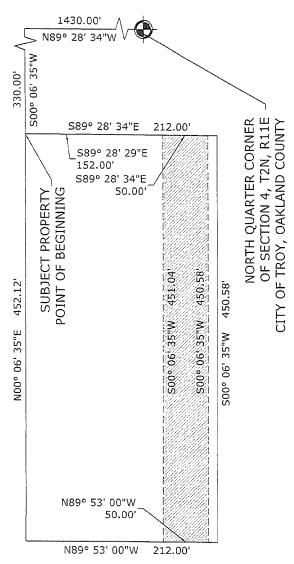
Tax Parcel #88-20-04-100-086 (pt. of) Recording Fee ______Transfer Tax __

^{*}TYPE OR PRINT NAMES UNDER SIGNATURES

EXHIBIT "A"







RIGHT OF WAY EASEMENT DESCRIPTION

BEING PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE NORTHWEST PROPERTY CORNER OF SUBJECT PROPERTY; THENCE ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 152.00' TO THE POINT OF BEGINNING: THENCE CONTINUING ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 50.00'; THENCE S00°06'35"W, 450.58' TO THE SOUTH PROPERTY LINE OF SUBJECT PROPERTY ALSO BEING THE NORTH RIGHT OF WAY LINE OF ANDREW DRIVE ALSO BEING THE NORTH LINE OF "ANDREW SUBDIVISION NO. 2" AS RECORDED IN LIBER 223 OF PLATS, PAGES 29,30,31 AND 32, OAKLAND COUNTY RECORDS; THENCE N89°53'00"W, 50.00'; THENCE N00°06'35"E, 451.04' TO THE POINT OF BEGINNING AND POINT ON NORTH PROPERTY LINE OF SUBJECT PROPERTY; CONTAINING 0.52 ACRES MORE OR LESS.

SUBJECT PROPERTY LEGAL DESCRIPTION (TAX I.D.#20-04-100-085 + 086)

PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE POINT OF BEGINNING; THENCE S89°28'34"E, 212.00'; THENCE S00°06'35"W, 450.58'; THENCE ALONG THE NORTH LINE OF "ANDREW FARMS SUB. NO. 2", AS RECORDED IN LIBER 223 OF PLATS, PAGES 29, 30, 31, AND 32, OAKLAND COUNTY RECORDS, AND ALONG THE NORTH LINE OF ANDREW DRIVE, 60.00 FEET WIDE, N89°53'00"W 212.00'; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 2.197 ACRES. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

© 2013 Powell Engineering & Associates LLC

BEFORE YOU DIG

CALL MISS DIG

1-800-482-717

DATE: 11/10/2021

ROAD DEDICATIONS **EXHIBIT "A"**

ANDREW DRIVE, CITY OF TROY, OAKLAND COUNTY, MI 48098

TO THE CONTRACTOR VARIOUS
SE PLANS AND PROFILES. ALL INFORMATION
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POITTONAL UNDERCROUND STRUCTURES OR
POITTONAL UNDERCROUND STRUCTURES OR
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TIFIED UTILITY AND/OR STRUCTURE, OR
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D. THE CONTRACTOR SHALL IMMEDIATELY
D. THE CONTRACTOR SHALL IMMEDIATELY
D. THE CONTRACTOR WILL BE
BIED FOR ALL DAMAGE TO ENSTING UTILITIES.
MISS DIG" AT 1-800-482-7171, 72 HOURS
MISS DIG" AT 1-800-482-7171, 72 HOURS

Consulting Civil Engineers "Engineering A Better Michigan' & Associates, LLC Mutunian Bette

4700 Cornerstone Dr. White Lake, MI 48383 Office: 248,714,9895

Email: help@powelleng.net

10	F1
SCALE	1"=100'
P.E. JOB No.	16-473
APPROVED	мср
DESIGNED	MCS
DRAWN	MCS

PERMANENT EASEMENT FOR PUBLIC UTILITIES

Sidwell #88-20-04-100-086 (part of)

CV DEVELOPMENT, LLC, a Michigan limited liability company, Grantor(s), whose address is 2617 Beacon Hill Drive, Auburn Hills, MI 48326 for and in consideration of the sum of: One and no/100 Dollars (\$1.00) paid by the CITY OF TROY, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver, Troy, MI 48084, grants to the Grantee the right to access, construct, reconstruct, modify, operate, maintain, repair, upgrade, improve, inspect, enlarge or remove and/or replace public utilities, said easement for land situated in the City of Troy, Oakland County, Michigan described as:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART OF

and to enter upon sufficient land adjacent to said improvement(s) for the purpose of the construction, operation, maintenance, repair and/or replacement thereof.

The premises so disturbed by the exercise of any of the foregoing powers shall be reasonably restored to its original condition by the Grantee.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors and assigns and the covenants contained herein shall run with the land.

IN WITNESS WHEREOF, the undersigned hereunto affixed _____ signature(s) this & day of SEPTEM BLOCK A.D. 2022.

Frances Patricia Tabbi

NOTARY PUBLIC - STATE OF MICHIGAN

County of Macomb

My Commission Expires 7/15/2024

Acting in the County of Occident

CV DEVELOPMENT, LLC, a Michigan limited liability company

By * Anthony F. Rangazzo

(L.S.)

Its Manager

STATE OF MICHIGAN (COUNTY OF ALAND)

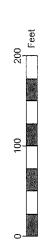
* TRANCE PATRICIA TORBI
Notary Public, <u>MACOMB</u> County, Michigan
My Commission Expires <u>)-15-24</u>

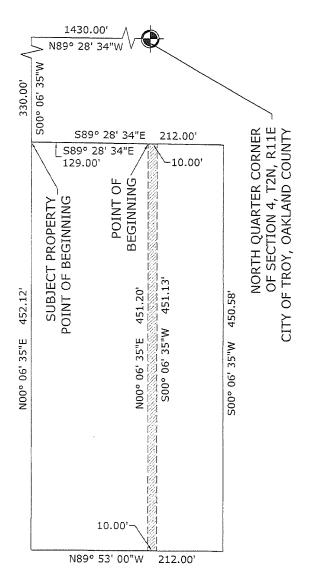
Acting in CAN LAND County, Michigan

Prepared by: Larysa Figol, SR/WA, City of Troy, 500 West Big Beaver, Troy, MI 48084 When recorded return to: City Clerk, City of Troy, 500 West Big Beaver, Troy, MI 48084

EXHIBIT "A"







PUBLIC UTILITY EASEMENT DESCRIPTION

A PERMANENT UTILITY EASEMENT BEING PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE NORTHWEST CORNER OF SUBJECT PROPERTY; THENCE ALONG THE NORTH LINE PROPERTY LINE S89°28'34"E, 129.00' TO THE POINT OF BEGINNING OF SAID EASEMENT; THENCE CONTINUING ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 10.00'; THENCE S00°06'35"W, 451.13' TO THE SOUTH PROPERTY LINE OF SUBJECT PROPERTY ALSO BEING THE NORTH RIGHT OF WAY LINE OF ANDREW DRIVE ALSO BEING THE NORTH LINE OF "ANDREW SUBDIVISION NO. 2" AS RECORDED IN LIBER 223 OF PLATS, PAGES 29,30,31 AND 32, OAKLAND COUNTY RECORDS; THENCE N89°53'00"W, 10.00'; THENCE N00°06'35"E, 451.20' TO THE POINT OF BEGINNING AND POINT ON NORTH PROPERTY LINE OF SUBJECT PROPERTY; SAID UTILITY EASEMENT CONTAINING 0.10 ACRES MORE OR LESS.

SUBJECT PROPERTY LEGAL DESCRIPTION (TAX I.D.#20-04-100-085 + 086)

MINIS " Belle

PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE POINT OF BEGINNING; THENCE S89°28'34"E, 212.00'; THENCE S00°06'35"W, 450.58'; THENCE ALONG THE NORTH LINE OF "ANDREW FARMS SUB. NO. 2", AS RECORDED IN LIBER 223 OF PLATS, PAGES 29, 30, 31, AND 32, OAKLAND COUNTY RECORDS, AND ALONG THE NORTH LINE OF ANDREW DRIVE, 60.00 FEET WIDE, N89°53'00"W 212.00'; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 2.197 ACRES. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

© 2013 Powell Engineering & Associates LLC

BEFORE YOU DIG CALL MISS DIG

∄-800-482-717

DATE: 11/15/2021

PUBLIC UTILITY EASEMENT EXHIBIT "A"

ANDREW DRIVE, CITY OF TROY, OAKLAND COUNTY, MI 48098

TO THE CONTRACTOR VARIOUS INC.

TO THE CONTRACTOR VARIOUS INC.

TO THE CONTRACTOR VARIOUS INC.

TO THE CONTRACTOR VARIOUS INC.

THESE PLANS AND PROFILES, ALL INFORMATION HESE PLANS AND PROFILES TO POP AND JON LEST INC.

THES THE TAKEN FROM FIELD TOPO AND JON LABLE RECORDS, BUT THE OWNER AND ENGINEER IN OIL GRANNER HER LOCATION PLEEVATION, OR TADDITIONAL UNDERGROUND STRUCTURES OR THE THACTOR DOES ENCOUNTER A PREVIOUSLY ENTIFIED UTILITY AND THE ENCOUNTERED. IF THE TRACTOR DOES ENCOUNTER A PREVIOUSLY ENTIFIED UTILITY AND THE TRACTOR SHOWN ON THESE PLANS IS INCORRECTLY VIEW. THE OWNER AND ENGINEER FOR DIRECTION ON TO PROFICE THE OWNER AND ENGINEER FOR DIRECTION ON TO PROFICE THE ONSTRUCTURES.

TO PROFICE THE CONTRACTOR WILL BE ONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES.

Consulting Civil Engineers 'Engineering A Better Michigan' & Associates, LLC

White Lake, MI 48383 Office: 248,714,9895

Email: help@powelleng.net

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SCALE	1"=100'
P.E. JOB N	o. 16-473
APPROVED	МСР
DESIGNED	MCS
DRAWN	MCS

PERMANENT EASEMENT FOR EMERGENCY INGRESS & EGRESS

Sidwell #88-20-04-100-085 & 086 (part of)

CV DEVELOPMENT, LLC, a Michigan limited liability company, Grantor(s), whose address is 2617 Beacon Hill Drive, Auburn Hills, MI 48326 for and in consideration of the sum of: One and no/100 Dollar (\$1.00) paid by the CITY OF TROY, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver Road, Troy, Michigan, 48084 grants to the Grantee, the right to traverse over all roads by emergency and/or service vehicles for the purpose of ingress and egress for fire and police protection, ambulance and rescue services and other lawful governmental or private emergency services over the real property situated in the City of Troy, Oakland County, Michigan described as:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF

and to enter upon sufficient land adjacent to said improvement(s) for the purpose of the construction, operation, maintenance, repair and/or replacement thereof.

The premises so disturbed by the exercise of any of the foregoing powers shall be reasonably restored to its original condition by the Grantee.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors and assigns and the covenants contained herein shall run with the land.

IN WITNESS WHEREOF, the undersigned hereunto affixed ____ signature(s) this ____ day of _____ day of _____ a.D. 2022.

CV DEVELOPMENT, LLC, a Michigan limited liability company

By _____*Anthony F. Randazzo

Its Manager

STATE OF MICHIGAN COUNTY OF CHILAN

The foregoing instrument was acknowledged before me this _____ day _______, 2022, by Anthony F. Randazzo, Manager of CV DEVELOPMENT, LLC, a Michigan limited liability company on behalf of the company.

THE STATE OF THE S

Frances Patricia Tabbi

NOTARY PUBLIC - STATE OF MICHIGAN

County of Macomb

My Commission Expires 7/15/2024

Acting in the County of County of County

*FRANCES PATRICIA TABBI Notary Public, <u>MACOMB</u> County, Michigan My Commission Expires on <u>7-15-24</u>

Acting in ANDCounty, Michigan

(L.S.)

Prepared by: Larysa Figol City of Troy 500 W. Big Beaver Road Troy, MI 48084

Return to: City Clerk City of Troy 500 West Big Beaver Troy, MI 48084

PLEASE SIGN IN BLUE INK AND PRINT OR TYPE NAMES IN BLACK INK UNDER SIGNATURE

EXHIBIT "A" 1430.00' N89° 28' 34"W S00° 06' 35"W 330,00 R11E NORTH QUARTER CORNER TROY, OAKLAND COUNTY S89° 28' 34"E 212.00 OF SECTION 4, T2N, BEGINNING 35"W S89° 28' 34"E OF 152.00' .94 POINT OF BEGINNING S00° 06' 3 POINT (SUBJECT PROPERTY 104. S89° 53' 25"E 40.00 S00° 06' 35"W N00° 06' 35"E 30.00 30.00 N89° 53' 25"W CITY OF 58 40.00 452,1 450, 35"W 90 190 500°

PRIVATE INGRESS/EGRESS ACCESS EASEMENT DESCRIPTION

BEING PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE NORTHWEST PROPERTY CORNER OF SUBJECT PROPERTY; THENCE ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 152.00'; THENCE S00°06'35"W, 104.94' TO THE POINT OF BEGINNING; THENCE S00°06'35"W, 30.00'; THENCE N89°53'25"W, 40.00'; THENCE N00°06'35"E, 30.00'; THENCE S89°53'25"E, 40.00' TO THE POINT OF BEGINNING. CONTAINING 1200 SQUARE FEET OR 0.0275 ACRES MORE OR LESS.

N89° 53' 00"W

212.00

SUBJECT PROPERTY LEGAL DESCRIPTION (TAX I.D.#20-04-100-085 + 086)

ng CivilE

PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE POINT OF BEGINNING; THENCE S89°28'34"E, 212.00'; THENCE S00°06'35"W, 450.58'; THENCE ALONG THE NORTH LINE OF "ANDREW FARMS SUB. NO. 2", AS RECORDED IN LIBER 223 OF PLATS, PAGES 29, 30, 31, AND 32, OAKLAND COUNTY RECORDS, AND ALONG THE NORTH LINE OF ANDREW DRIVE, 60.00 FEET WIDE, N89°53'00"W 212.00'; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 2.197 ACRES. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

© 2013 Powell Engineering & Associates LLC

BEFORE YOU DIG

-800-482-717

DATE: 11/15/2021

INGRESS EGRESS EASEMENT EXHIBIT "A"

ANDREW DRIVE, CITY OF TROY, OAKLAND COUNTY, MI 48098

Consulting Civil Engineers



4700 Cornerstone Dr. White Lake, MI 48383 Office: 248.714.9895

Email: help@powelleng.net

_		
1	DRAWN	MCS
	DESIGNED	MCS
	APPROVED	мсР
	P.E. JOB No.	16-473
	SCALE	1"=100'
	10	

PERMANENT EASEMENT FOR SANITARY SEWERS AND SIDEWALKS

Sidwell #88-20-04-100-086 (part of)

CV DEVELOPMENT, LLC, a Michigan limited liability company, Grantor(s), whose address is 2617 Beacon Hill Drive, Auburn Hills, MI 48326 for and in consideration of the sum of: One and no/100 Dollars (\$1.00) paid by the CITY OF TROY, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver, Troy, MI 48084, grants to the Grantee the right to access, construct, reconstruct, modify, operate, maintain, repair, upgrade, improve, inspect, enlarge or remove and/or replace sanitary sewers and sidewalks, said easement for land situated in the City of Troy, Oakland County, Michigan described as:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART OF

and to enter upon sufficient land adjacent to said improvement(s) for the purpose of the construction, operation, maintenance, repair and/or replacement thereof.

The premises so disturbed by the exercise of any of the foregoing powers shall be reasonably restored to its original condition by the Grantee.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors and assigns and the covenants contained herein shall run with the land.

IN WITNESS WHEREOF, the undersigned hereunto affixed _____ signature(s)

this Stoday of A.D. 2022.

CV DEVELOPMENT, LLC, a Michigan limited liability company

By

* Anthony F. Randazzo
Its Manager

STATE OF MICHIGAN)
COUNTY OF OHNLAND)

Frances Patricia Tabbi

NOTARY PUBLIC - STATE OF MICHIGAN

County of Macomb

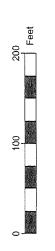
My Commission Expires 7/15/2024

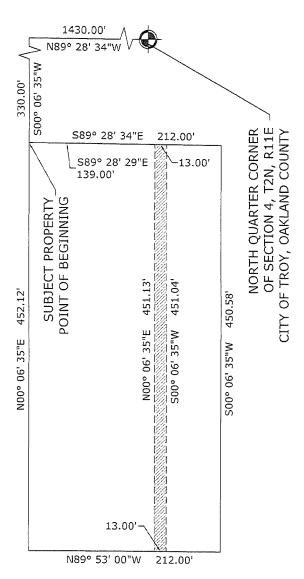
Acting in the County of Co

Prepared by: Larysa Figol, SR/WA, City of Troy, 500 West Big Beaver, Troy, MI 48084 When recorded return to: City Clerk, City of Troy, 500 West Big Beaver, Troy, MI 48084

EXHIBIT "A"







SANITARY SEWER AND SIDEWALK EASEMENT DESCRIPTION

A PERMANENT UTILITY EASEMENT AND SIDEWALK EASEMENT BEING PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE NORTHWEST CORNER OF SUBJECT PROPERTY; THENCE ALONG THE NORTH LINE PROPERTY LINE S89°28'34"E, 139.00' TO THE POINT OF BEGINNING OF SAID EASEMENT; THENCE CONTINUING ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 13.00'; THENCE S00°06'35"W, 451.04' TO THE SOUTH PROPERTY LINE OF SUBJECT PROPERTY ALSO BEING THE NORTH RIGHT OF WAY LINE OF ANDREW DRIVE ALSO BEING THE NORTH LINE OF "ANDREW SUBDIVISION NO. 2" AS RECORDED IN LIBER 223 OF PLATS, PAGES 29,30,31 AND 32, OAKLAND COUNTY RECORDS; ; THENCE N89°53'00"W, 13.00'; THENCE N00°06'35"E, 451.13' TO THE POINT OF BEGINNING AND POINT ON NORTH PROPERTY LINE OF SUBJECT PROPERTY; SAID UTILITY EASEMENT CONTAINING 0.13 ACRES MORE OR LESS.

SUBJECT PROPERTY LEGAL DESCRIPTION (TAX I.D.#20-04-100-085 + 086)

PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE POINT OF BEGINNING; THENCE S89°28'34"E, 212.00'; THENCE S00°06'35"W, 450.58'; THENCE ALONG THE NORTH LINE OF "ANDREW FARMS SUB. NO. 2", AS RECORDED IN LIBER 223 OF PLATS, PAGES 29, 30, 31, AND 32, OAKLAND COUNTY RECORDS, AND ALONG THE NORTH LINE OF ANDREW DRIVE, 60.00 FEET WIDE, N89°53'00"W 212.00'; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 2.197 ACRES. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

© 2013 Powell Engineering & Associates LLC

DATE: 10/31/2021

SANITARY SEWER EASEMENT **EXHIBIT "A"**

ANDREW DRIVE, CITY OF TROY, OAKLAND COUNTY, MI 48098

TO THE CONTRACTOR VARIOUS TO THE CONTRACTOR VARIOUS TO THE CONTRACTOR VARIOUS ARE SHOWN IN THESE PLANS AND PROFILES, ALL INFORMATION ONCERNING ALL UTILITIES SHOWN ON THE PLANS AND PROFILES IS TAKEN FROM FIELD TOPO AND/OR VALLABLE RETOKEN FROM FIELD TOPO AND/OR VALLABLE RETOKEN FROM FIELD TOPO AND/OR HAT ADDITIONAL UNDERGROUND STRUCTURES, OR ITILITIES MAY NOT BE ENCOUNTER A PREVIOUSLY INDENTIFIED TO DOES ENCOUNTER A PREVIOUSLY INDENTIFIED UTILITY AND/OR STRUCTURE, OR ETERMINES THAT ONE OF THE UTILITIES / TRUCTURES SHOWN ON THESE PLANS IS INCORRECTLY OIGHTY THE OWNER AND ENGINEER FOR DIRECTION ON THOSE THE OWNER AND ENGINEER FOR DIRECTION ON THOSE THE OWNER AND ENGINEER FOR DIRECTION ON THE CONTRACTOR WILL BE ESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES. OTIFY "MISS DIG" AT 1-800-482-7171, 7 RIOR TO THE START OF CONSTRUCTION.

BEFORE YOU DIG

CALL MISS DIG

h-800-482-717

ng Civil E Consulting Civil Engineers 'Engineering A Better Michigan' neering & Associates, LLC umg a Bette

4700 Cornerstone Dr. White Lake, MI 48383 Office: 248.714.9895

Email: help@powelleng.net

10	F1
SCALE	1"=100'
P.E. JOB No.	16-473
APPROVED	MCP
DESIGNED	MCS
DRAWN	MCS

PERMANENT EASEMENT FOR STORM SEWERS AND SURFACE DRAINAGE

Sidwell #88-20-04-100-085 & 086 (part of)

CV DEVELOPMENT, LLC, a Michigan limited liability company, Grantor(s), whose address is 2617 Beacon Hill Drive, Auburn Hills, MI 48326 for and in consideration of the sum of: One and no/100 Dollars (\$1.00) paid by the CITY OF TROY, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver, Troy, MI 48084, grants to the Grantee the right to access, construct, reconstruct, modify, operate, maintain, repair, upgrade, improve, inspect, enlarge or remove and/or replace storm sewers and surface drainage, said easement for land situated in the City of Troy, Oakland County, Michigan described as:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART OF

and to enter upon sufficient land adjacent to said improvement(s) for the purpose of the construction, operation, maintenance, repair and/or replacement thereof.

The premises so disturbed by the exercise of any of the foregoing powers shall be reasonably restored to its original condition by the Grantee.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors and assigns and the covenants contained herein shall run with the land.

IN WITNESS WHEREOF, the undersigned hereunto affixed _____ signature(s)

this 8th day of SEPTEMBER A.D. 2022.		
	CV DEVELOPMENT, LLC, a Michigan limited liability company	
	By * Anthony F. Randazzo Its Manager	_(L.S.)

STATE OF MICHIGAN COUNTY OF OAHLAN

ay of S EPIEMPER2 The foregoing instrument was acknowledged before me this by Anthony F. Randazzo, Manager of CV Development, LLC, a Michigan limited liability company, on behalf of the company.

Frances Patricia Tabbi NOTARY PUBLIC - STATE OF MICHIGAN County of Macomb My Commission Expires 7/15/2024 Acting in the County of OAKlan

RICIA MANCES MACOMP Notary Public, County, Michigan My Commission Expires 7-15-24

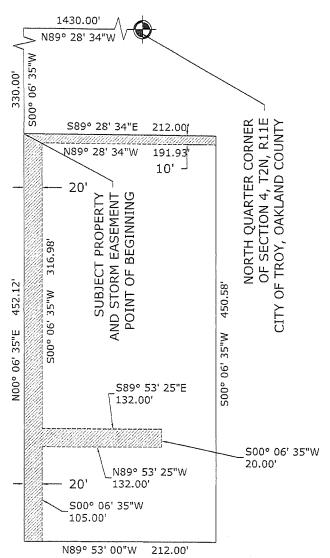
Acting in OHALAND County, Michigan

Prepared by: Larysa Figol, SR/WA, City of Troy, 500 West Big Beaver, Troy, MI 48084 When recorded return to: City Clerk, City of Troy, 500 West Big Beaver, Troy, MI 48084

EXHIBIT "A"







STORM SEWER AND DRAINAGE EASEMENT DESCRIPTION

A PERMANENT STORM SEWER AND DRAINAGE EASEMENT IN PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE NORTHWEST PROPERTY CORNER AND THE POINT OF BEGINNING FOR SAID EASEMENT; THENCE ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 212.00' TO THE EAST PROPERTY LINE OF SUBJECT PROPERTY; THENCE ALONG THE EAST PROPERTY LINE OF SUBJECT PROPERTY S00°06'35"W, 10.00'; THENCE N89°28'34"W, 191.93'; THENCE S00°06'35"W, 316.98'; THENCE S89°53'25"E, 132.00'; THENCE S00°06'35"W, 20.00'; THENCE N89°53'25"W, 132.00'; THENCE S00°06'35"W, 105.00' TO THE SOUTH PROPERTY LINE OF SUBJECT PROPERTY AND THE NORTH RIGHT OF WAY LINE OF ANDREW DRIVE ALSO BEING THE NORTH LINE OF "ANDREW SUBDIVISION NO. 2" AS RECORDED IN LIBER 223 OF PLATS, PAGES 29,30,31 AND 32, OAKLAND COUNTY RECORDS; THENCE ALONG SUBJECT PROPERTY LINE N89°53'00"W, 20.00' TO THE WEST PROPERTY LINE OF SUBJECT PROPERTY; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 0.31 ACRES MORE OR LESS.

SUBJECT PROPERTY LEGAL DESCRIPTION (TAX I.D.#20-04-100-085 + 086)

manning (1)

PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE POINT OF BEGINNING; THENCE S89°28'34"E, 212.00'; THENCE S00°06'35"W, 450.58'; THENCE ALONG THE NORTH LINE OF "ANDREW FARMS SUB. NO. 2", AS RECORDED IN LIBER 223 OF PLATS, PAGES 29, 30, 31, AND 32, OAKLAND COUNTY RECORDS, AND ALONG THE NORTH LINE OF ANDREW DRIVE, 60.00 FEET WIDE, N89°53'00"W 212.00'; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 2.197 ACRES. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

© 2013 Powell Engineering & Associates LLC

BEFORE YOU DIG

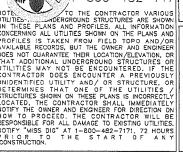
-800-482-717

DATE: 10/31/2021

STORM SEWER & DRAINAGE EASEMENT EXHIBIT "A"

Consulting Civil Engineers

ANDREW DRIVE, CITY OF TROY, OAKLAND COUNTY, MI 48098



4700 Cornerstone Dr. White Lake, MI 48383 Office: 248.714.9895

Email: help@powelleng.net

10	F1
SCALE	1"=100'
P.E. JOB No.	16-473
APPROVED	MCP
DESIGNED	MCS
DRAWN	MCS

PERMANENT EASEMENT FOR WATER MAINS

Sidwell #88-20-04-100-086 (part of)

CV DEVELOPMENT, LLC, a Michigan limited liability company, Grantor(s), whose address is 2617 Beacon Hill Drive, Auburn Hills, MI 48326 for and in consideration of the sum of: One and no/100 Dollars (\$1.00) paid by the CITY OF TROY, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver, Troy, MI 48084, grants to the Grantee the right to access, construct, reconstruct, modify, operate, maintain, repair, upgrade, improve, inspect, enlarge or remove and/or replace water mains, said easement for land situated in the City of Troy, Oakland County, Michigan described as:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART OF

and to enter upon sufficient land adjacent to said improvement(s) for the purpose of the construction, operation, maintenance, repair and/or replacement thereof.

The premises so disturbed by the exercise of any of the foregoing powers shall be reasonably restored to its original condition by the Grantee.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors and assigns and the covenants contained herein shall run with the land.

IN WITNESS WHEREOF, the undersigned hereunto affixed _____ signature(s)

unsuay or	4 PENTISCO	A.D. 2022.		
			CV DEVELOPMENT, LLC,	
			a Michigan limited liability company	
			Ву	(L.S.)
			* Anthony F. Randazzo	
			Its Manager	

STATE OF MICHIGAN (COUNTY OF CHOLAND)

The foregoing instrument was acknowledged before me this ______day of _______, 2022, by Anthony F. Randazzo, Manager of CV DEVELOPMENT, LLC, a Michigan limited liability company, on behalf of the company.

Frances Patricia Tabbi

NOTARY PUBLIC - STATE OF MICHIGAN

County of Macomb

My Commission Expires 7/15/2024

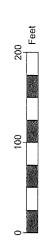
Acting in the County of

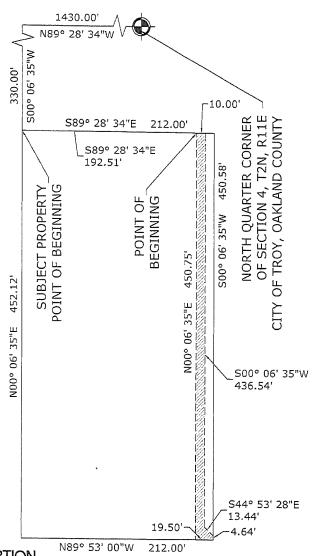
*FRANCES TRATRICA TABBI Notary Public, <u>MACOMB</u> County, Michigan My Commission Expires 2-15-24 Acting in <u>OANCAND</u> County, Michigan

Prepared by: Larysa Figol, SR/WA, City of Troy, 500 West Big Beaver, Troy, MI 48084 When recorded return to: City Clerk, City of Troy, 500 West Big Beaver, Troy, MI 48084

EXHIBIT "A"







WATERMAIN EASEMENT DESCRIPTION

A PERMANENT UTILITY EASEMENT BEING PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE NORTHWEST PROPERTY CORNER OF SUBJECT PROPERTY; THENCE ALONG THE NORTH LINE PROPERTY LINE S89°28'34"E, 192.51' TO THE POINT OF BEGINNING OF SAID EASEMENT; THENCE CONTINUING ALONG THE NORTH PROPERTY LINE OF SUBJECT PROPERTY S89°28'34"E, 10.00'; THENCE S00°06'35"W, 436.54'; THENCE S44°53'28"E, 13.44' TO THE EAST PROPERTY LINE OF SUBJECT PROPERTY; THENCE ALONG THE EAST PROPERTY LINE S00°06'35"W 4.64' TO THE SOUTH PROPERTY LINE OF SUBJECT PROPERTY ALSO BEING THE NORTH RIGHT OF WAY LINE OF ANDREW DRIVE ALSO BEING THE NORTH LINE OF "ANDREW SUBDIVISION NO. 2" AS RECORDED IN LIBER 223 OF PLATS, PAGES 29,30,31 AND 32, OAKLAND COUNTY RECORDS; THENCE N89°53'00"W, 19.50'; THENCE N00°06'35"E, 450.75' TO THE POINT OF BEGINNING AND POINT ON NORTH PROPERTY LINE OF SUBJECT PROPERTY; SAID UTILITY EASEMENT CONTAINING 0.11 ACRES MORE OR LESS.

SUBJECT PROPERTY LEGAL DESCRIPTION (TAX I.D.#20-04-100-085 + 086)

PART OF THE NORTHWEST QUARTER OF SECTION 4, T2N, R11E, CITY OF TROY, OAKLAND COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 4; THENCE ALONG THE NORTH LINE OF SECTION 4, N89°28'34"W, 1430.00'; THENCE S00°06'35"W, 330.00' TO THE POINT OF BEGINNING; THENCE S89°28'34"E, 212.00'; THENCE S00°06'35"W, 450.58'; THENCE ALONG THE NORTH LINE OF "ANDREW FARMS SUB. NO. 2", AS RECORDED IN LIBER 223 OF PLATS, PAGES 29, 30, 31, AND 32, OAKLAND COUNTY RECORDS, AND ALONG THE NORTH LINE OF ANDREW DRIVE, 60.00 FEET WIDE, N89°53'00"W 212.00'; THENCE N00°06'35"E, 452.12' TO THE POINT OF BEGINNING. CONTAINS 2.197 ACRES. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

BEFORE YOU DIG

CALL MISS DIG

1-800-482-717

DATE: 10/31/2021

WATERMAIN EASEMENT EXHIBIT "A"

ANDREW DRIVE, CITY OF TROY, OAKLAND COUNTY, MI 48098 ng Civil E

Consulting Civil Engineers

"Engineering A Better Michigan" & Associates, LLC MINIS "Better

4700 Cornerstone Dr. White Lake, MI 48383 Office: 248.714.9895

Email: help@powelleng.net

101	F1
SCALE	1"=100'
P.E. JOB No.	16-473
APPROVED	МСР
DESIGNED	мсѕ
DRAWN	MCS



CITY COUNCIL AGENDA ITEM

Date: September 12, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

R. Brent Savidant, Community Development Director

William J. Huotari, City Engineer

Larysa Figol, Sr. Right-of-Way Representative

Subject: Request for Acceptance of a Permanent Easement, Motor City Church

International, Sidwell #88-20-22-101-034

<u>History</u>

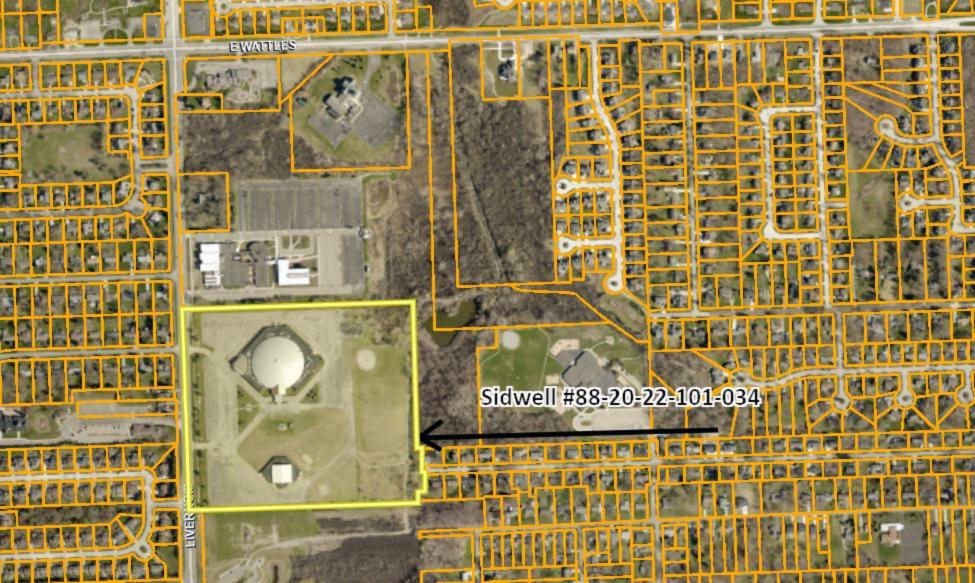
As part of a redevelopment project proposed by Motor City Church International, located in the northwest ¼ of Section 22 on the east side of Livernois Road, the City of Troy received a permanent easement for water mains from Motor City Church International, owners of the property identified with Sidwell #88-20-22-101-034.

Financial

The consideration amount on this document is \$1.00.

Recommendation

City Management recommends that City Council accept the attached permanent easement consistent with our policy of accepting easements for improvement and redevelopment purposes.



PERMANENT EASEMENT FOR WATERMAINS

Sidwell #88-20-22-101-034 (pt of)

MOTOR CITY CHURCH INTERNATIONAL, fka ZION CHRISTIAN CHURCH FOUNDATION, a Michigan nonprofit corporation, Grantor, whose address is 3668 Livernois, Troy, MI 48083, for and in consideration of the sum of: One and no/100 Dollar (\$1.00) paid by the CITY OF TROY, a Michigan municipal corporation, Grantee, whose address is 500 West Big Beaver Road, Troy, MI 48084 grants to the Grantee the right to access, construct, reconstruct, modify, operate, maintain, repair, upgrade, improve, inspect, enlarge or remove and/or replace water mains said easement for land situated in the City of Troy, Oakland County, Michigan described as:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART OF

and to enter upon sufficient land adjacent to said improvement(s) for the purpose of the construction, operation, maintenance, repair and/or replacement thereof.

The premises so disturbed by the exercise of any of the foregoing powers shall be reasonably restored to its original condition by the Grantee.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors and assigns and the covenants contained herein shall run with the land.

IN WITNESS WHEREOF, the undersigned hereunto affixed one signature(s) this qui day of <u>Soptember</u>, 2022.

> MOTOR CITY CHURCH INTERNATIONAL, a Michigan nonprofit corporation

By David Martin

Its: President

STATE OF MICHIGAN COUNTY OF Oakland

The foregoing instrument was acknowledged before me this 90 day of 8by David Martin, President of Motor City Church International, a Michigan nonprefit on behalf of the corporation.

Notary Public, State of Michigan County of Oakland My Commission Expires Jun. 10, 2024 Acting in the County of Oak (Sup.)

Sonder ann Fronkonster County, () akland

Notary Public, Oakland My Commission Expires_

6-10-24 _County, <u>Michigon</u>

(L.S.)

Acting in Oak land

Prepared by:

Larysa Figol, SR/WA

City of Troy

500 W. Big Beaver Road

Troy, MI 48084

Return to: City Clerk

City of Troy

500 W. Big Beaver Road

Troy, MI 48084

EXHIBIT "A" LEGAL DESCRIPTIONS

LEGAL DESCRIPTION

(Per PEA Group)

PROPOSED CHURCH PARCEL - PART OF PARCEL NO. 20-22-101-034

Land in part of the Southwest 1/4 of Northwest 1/4 of Section 22, Town 2 North, Range 11 East, City of Troy, Oakland County, Michigan being more particularly described as:

Commencing at the West 1/4 corner of said Section 22, thence N00°21'14"E, 164.52 feet along the west line of Section 22; thence S89°34'00"E, 60.00 feet to the east line of Livernois Road (60' wide — Public) and the POINT OF BEGINNING;

thence N00°21′14″E, 400.00 feet along said east line;

thence S89°34'00"E, 871.20 feet;

thence S00°21'14"W, 400.00 feet;

thence N89°34'00"W, 871.20 feet to the aforementioned east line of Livernois Road and the POINT OF BEGINNING.

Containing ± 8.00 acres, more or less.

LEGAL DESCRIPTION

(Per PEA Group)

20' WIDE WATER MAIN EASEMENT

A 20 foot wide water main easement over part of the Southwest 1/4 of Northwest 1/4 of Section 22, Town 2 North, Range 11 East, City of Troy, Oakland County, Michigan, the centerline of said easement being more particularly described as:

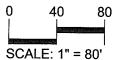
Commencing at the West 1/4 corner of said Section 22, thence N00°21'14"E, 164.52 feet along the west line of Section 22; thence S89°34'00"E, 60.00 feet to the east line of Livernois Road (60' wide); thence along said east line N00°21'14"E, 100.00 feet to the centerline of an existing water main easement, as recorded in Liber 8200, Page 196; thence along said existing easement centerline the following two courses: S89°34'00"E, 169.53 feet and N00°20'25"E, 243.08 feet to the POINT OF BEGINNING;

thence S89°38'22"E, 184.30 feet to the POINT OF ENDING.

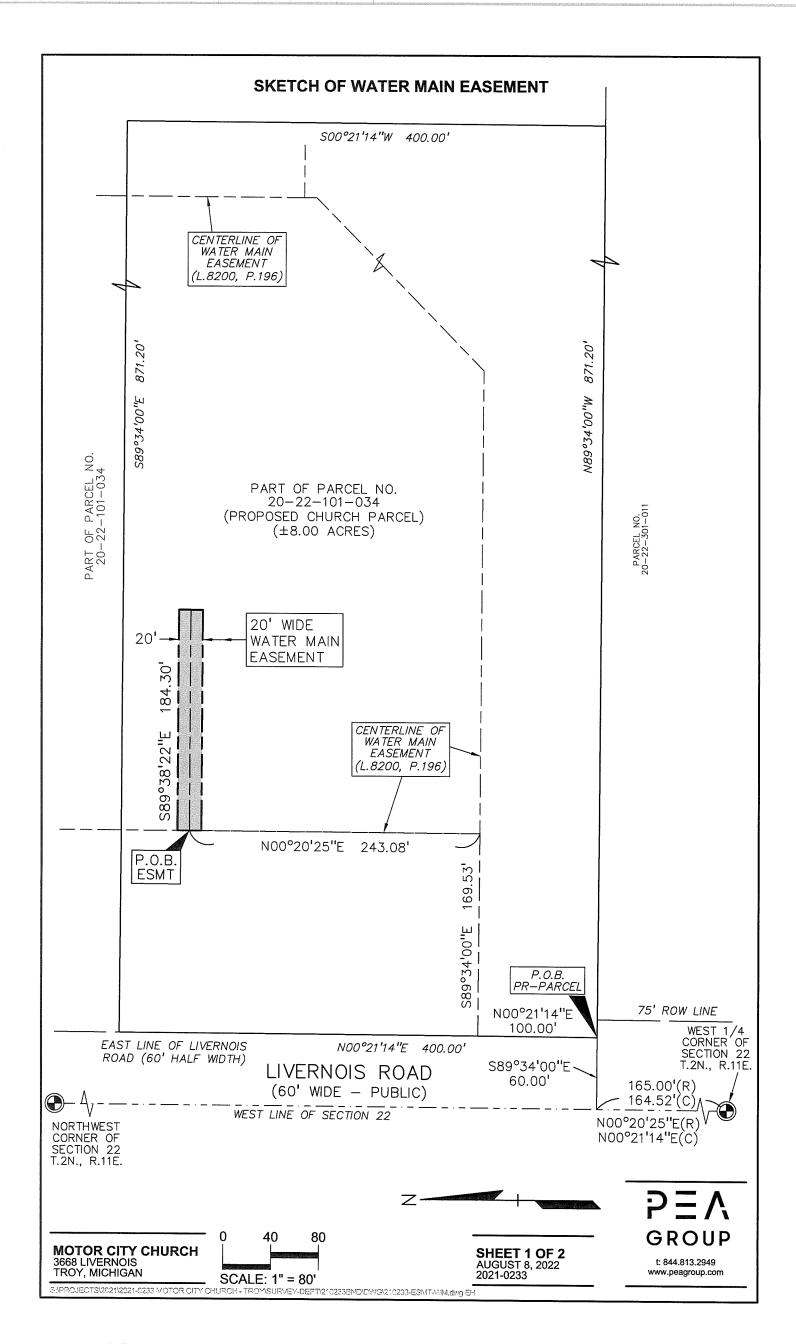
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MOTOR CITY CHURCH 3668 LIVERNOIS TROY, MICHIGAN



SHEET 2 OF 2 AUGUST 8, 2022





Chair Lambert called the Regular meeting of the Troy City Planning Commission to order at 7:00 p.m. on August 9, 2022, in the Council Chamber of the Troy City Hall. Chair Lambert presented opening remarks relative to the role of the Planning Commission and procedure of tonight's meeting.

1. ROLL CALL

Present:

Toby Buechner
Carlton M. Faison
Michael W. Hutson
Tom Krent
David Lambert
Lakshmi Malalahalli
Marianna Perakis
Sadek Rahman
John J. Tagle

Also Present:

R. Brent Savidant, Community Development Director Ben Carlisle, Carlisle Wortman Associates Julie Quinlan Dufrane, Assistant City Attorney Kathy L. Czarnecki, Recording Secretary

2. <u>APPROVAL OF AGENDA</u>

Resolution # PC-2022-08-043

Moved by: Krent Support by: Rahman

RESOLVED, To approve the Agenda as prepared.

Yes: All present (9)

MOTION CARRIED

3. <u>APPROVAL OF MINUTES</u> – July 26, 2022

Resolution # PC-2022-08-044

Moved by: Buechner Support by: Faison

RESOLVED, To approve the minutes of the July 26, 2022 Regular meeting as submitted.

Yes: Buechner, Faison, Hutson, Krent, Lambert, Malalahalli, Rahman, Tagle

Abstain: Perakis

MOTION CARRIED

4. PUBLIC COMMENT – For Items Not on the Agenda

There was no one present who wished to speak.

PLANNED UNIT DEVELOPMENT

PUBLIC HEARING – PLANNED UNIT DEVELOPMENT (File Number PUD 2020-0018)
 Proposed Concept Development Plan for Long Lake and Crooks Masterplan Development, Northwest Corner of Long Lake and Crooks, Section 8, Currently Zoned O (Office) Zoning District

Mr. Carlisle said the Planned Unit Development (PUD) application before the Board this evening is a formal submittal. He said the Planning Commission discussed two draft concept plans presented by the applicant at their January 12, 2021 and February 8, 2022 meetings.

Mr. Carlisle explained the three-step PUD application process and addressed the intent of a PUD application. He addressed highlights of the concept plan, proposed mix of uses, the changes since last reviewed, the four separate development areas proposed and associated amenities within those areas. Mr. Carlisle reviewed the applicant's proposed development parameters, relating to maximum square footage, minimum and maximum number of floors, minimum and maximum building height, and dimensional setbacks.

Mr. Carlisle said the applicant seeks flexibility to build any development area in any sequence, with one restriction that development area 4 (hotel/residential) and retail/restaurant pads can be built as part of any phase except they cannot be the first development built on site. He said the applicant seeks flexibility of all permitted and special uses in Office Mixed (OM), Office (O), or General Business (GB) zoning districts.

In summary, Mr. Carlisle asked the Board to consider public comments at the Public Hearing, and as part of their deliberation, to consider 1) the proposed development guidelines relating to building height and setbacks; 2) the proposed permitted and special uses; 3) if the PUD Standards in Section 11.03 of the Zoning Ordinance are met; and 4) if the proposed benefits are commensurate with the requested relief/development flexibility.

Mr. Savidant clarified a modification/correction to the development guidelines proposed by the applicant. Development area 1 (hotel/residential) should read 350,000 square feet, not 105,000 square feet.

Discussion among administration and Planning Commission:

- Flexibility in terms of what gets built, timing and location as proposed by applicant.
- Significance in determining appropriate uses and building heights.
- Gateway to North Troy and wayfinding signage.
- PUD Development Agreement.
 - Ms. Dufrane stated agreement is essentially standard agreement language except for unique aspects relating to development phases and development areas.
- Urban Residential (UR) zoning district; high density residential district in line with Master Plan.
- Preservation of State-regulated wetlands.
- Tree survey and mitigation; determined at each development phase, must meet site plan requirements.
- Green space/open space must be generally consistent with approved concept plan; what, where, size, whether for public use determined at each development phase and must meet site plan requirements.
- Housing types must be generally consistent with approved concept plan and must meet site plan requirements.

Anthony Antone of Kojoian introduced the project team present in the audience; Project Architect Chris Beck of Gensler, Attorney Tyler Tennent of Dawda Mann PLC, Environmental Engineer Leslie Accardo of PEA, and CEO of Hunter Pasteur Homes Randy Wertheimer.

Mr. Antone stated the residential component (development area 1) would be the first phase of development. He said the proposed uses for the overall project are residential, office and retail and are defined in the PUD Development Agreement. Mr. Antone said the development configuration is based on the market and potential clients. He noted configuration might change during the development process. Mr. Antone said the Stateregulated wetlands (1.9 acres) will remain as is. He addressed proposed development areas, phases and amenities. He indicated adjacent businesses were notified of the proposed project.

Mr. Rahman asked if the center building could be moved to the street and the parking structure moved to an internal location. At the request of Mr. Rahman, an image was displayed on the wall monitor depicting a large green courtyard surrounded by building(s).

Mr. Antone stated moving the center building to the street would not be sensible from an architectural or marketing standpoint.

Mr. Wertheimer said placing residential the furthest point from a heavily trafficked and noisy street is essential for success. He noted the sequence of development phases would be residential, amenities, office, restaurant and hotel. Mr. Wertheimer said development area 3 would be flexible on what the market determines.

Ms. Perakis expressed dissatisfaction in what she views as no changes in the concept plan since last presented to the Board even though the Board offered specific suggestions. She said there is nothing unique about the proposed *Gateway to North Troy* development. Ms. Perakis recommended suggestions for the creation of a destination for residents to live, work and play: 1) phase 1 should be a pedestrian boulevard along with paths and natural features; 2) the parking structure with retail on the first floor should be the anchor building in the center of the PUD; 3) the pedestrian boulevard should run parallel to Long Lake with retail along Long Lake that fronts the pedestrian boulevard; 4) access to the pedestrian boulevard should be off Crooks and Corporate Drive. At the request of Ms. Perakis, images were displayed on the wall monitor that depicted existing parking structures located in Ann Arbor, East Lansing and Detroit. Ms. Perakis referenced page 192 of the Master Plan, "Strategy: Create a community gathering space" and addressed the application's relationship to the PUD Standards.

Mr. Wertheimer stated details of the concept plan would come forth with each phase and at site plan submittal. He said the team's focus is on the first step of approval of a concept plan and they look forward to providing specific details with individual site plan submittals. Mr. Wertheimer said the project team is asking for a consensus on the uses, building sizes and building heights at this time. He stated that 25% of the site is open green space. Mr. Wertheimer apologized if he is misinterpreting the PUD process and addressed the importance of landscape and architectural designs that would be presented at site plan review and approval.

Ms. Malalahalli said the concept plan appears industrial, like four rectangular Lego blocks with too much parking. She encouraged a concept plan that would *wow* the Board, to incorporate a promenade or plaza area, a connected pathway and a community stage to engage a public destination.

Mr. Tagle said it appears the development team has not *sold* the Planning Commission on its concept plan and encouraged the team to share a presentation inclusive of ideas, graphics and words that would get the Board excited about the project. He asked the applicant to address the product the team envisions for development area 1.

Mr. Wertheimer said the product would be a five to seven story luxury residential building similar to what one sees in Birmingham, West Bloomfield and Corktown. He identified some amenities as a rooftop pool, an expansive workout facility, a work-from-home office setting, state-of-the-art technology and concierge services.

Mr. Krent referenced a proposed development project at the former K-Mart Headquarters that *wowed* the Planning Commission with its pavilion style development.

Chair Lambert suggested a connected hub for public transportation.

Mr. Antone addressed the change in the configuration of office buildings since the pandemic. He said offices are becoming highly amenitized to bring employees back to what was the standard office building. Mr. Antone noted proposed parking is less than two acres of the overall project.

PUBLIC HEARING OPENED

- Laury Shah, 1448 Brentwood Drive, Troy; addressed personal visions of developing property; native grasses, lush vegetation, botanical garden, minimum height of buildings, noise buffer.
- Wei Cao, 6816 Vernmoor, Troy; shared concurrence with Planning Commission comments on the parking structure and amenities, encouraged a gathering destination and pedestrian boulevard.

PUBLIC HEARING CLOSED

Chair Lambert announced the Planning Department received 10 to 15 email messages, copies of which were placed in front of Board members prior to tonight's meeting. Chair Lambert shared the messages expressed concerns with the destruction of green space and building heights.

Mr. Hutson said he would like to see the PUD Development Agreement be modified to include: 1) reduce the three buildings to a maximum height of eight (8) stories; 2) that no development phase should commence until the first development phase is complete; and 3) that the permitted and special uses are specifically identified. Mr. Hutson said he agrees with comments expressed by Ms. Perakis.

Ms. Dufrane stated the Planning Commission as a recommending body to City Council is responsible to forward either an affirmative or negative recommendation to City Council. In response to the Board's query if it is appropriate to postpone the item, she responded it would be reasonable to postpone the application one time should the Board desire.

Resolution # PC-2022-08-045

Moved by: Lambert Support by: Buechner

RESOLVED, To postpone action on the PUD application to give the applicant an opportunity to consider input from the Commissioners on the overall concept plan and to give the Board a feel for what the entire project will look like.

Discussion on the motion on the floor.

Ms. Perakis addressed specific language she would like to incorporate in the Resolution as relates to parking structure location, pedestrian pathway, promenade/boulevard, relationship to Master Plan vision, uniqueness and creation of a destination point.

Mr. Antone and Mr. Wertheimer asked the Board to realistically consider the traffic impact and accessibility to the site as relates to the placement of the buildings.

Mr. Faison suggested design specifics should not be attached to the Resolution.

Mr. Hutson suggested to postpone the item with no specificity attached to the Resolution.

Ms. Dufrane said the attorney's office would collaborate with the applicant's attorney to tighten up the language on permitted and special uses.

Vote on the motion on the floor.

Yes: All present (9)

MOTION CARRIED

Ms. Perakis addressed existing traffic problems in the area and cautioned the applicant to not come back with an excuse that the traffic impact would prevent a pedestrian boulevard.

OTHER ITEMS

6. <u>PUBLIC COMMENT</u> – For Items on the Agenda

There was no one present who wished to speak.

7. PLANNING COMMISSION COMMENT

Mr. Carlisle addressed the Master Plan Update with respect to the release of census data in May 2023. He said during City staff discussion, it's been determined that the policy changes and amendments to the updated Master Plan would not be fundamentally impacted by updated census data, and it is recommended to continue with the process of finalizing the draft Master Plan and start the adoption process. Mr. Carlisle said the 2023 census data when released would be added as an addendum to the updated Master Plan.

After a brief discussion, Board members agreed to go forward with the Master Plan Update.

8. <u>ADJOURN</u>

The Regular meeting of the Planning Commission adjourned at 8:55 p.m.

Respectfully submitted,

David Lambert, Chair

Kathy L. Czarnecki, Recording Secretary

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Chair Lambert called the Regular meeting of the Troy City Planning Commission to order at 7:00 p.m. on August 23, 2022, in the Council Chamber of the Troy City Hall. Chair Lambert and Vice Chair Perakis presented opening remarks relative to the role of the Planning Commission and procedure of tonight's meeting.

1. ROLL CALL

Present:

Carlton M. Faison Michael W. Hutson Tom Krent David Lambert Lakshmi Malalahalli Marianna Perakis John J. Tagle

Absent:

Toby Buechner Sadek Rahman

Also Present:

R. Brent Savidant, Community Development Director Ben Carlisle, Carlisle Wortman Associates Julie Quinlan Dufrane, Assistant City Attorney Kathy L. Czarnecki, Recording Secretary

2. APPROVAL OF AGENDA

Resolution # PC-2022-08-046

Moved by: Krent Support by: Tagle

RESOLVED, To approve the Agenda as prepared.

Yes: All present (7)
Absent: Buechner, Rahman

MOTION CARRIED

3. <u>APPROVAL OF MINUTES</u> – August 9, 2022

Resolution # PC-2022-08-047

Moved by: Malalahalli Support by: Perakis

RESOLVED, To approve the minutes of the August 9, 2022 Regular meeting as submitted.

Yes: All present (7)
Absent: Buechner, Rahman

MOTION CARRIED

4. <u>PUBLIC COMMENT</u> – For Items Not on the Agenda

There was no one present who wished to speak.

OTHER ITEMS

5. <u>STUDY ITEM – POTENTIAL REZONING AND PRELIMINARY SITE PLAN</u> – Elevate Mixed Use Development, Southeast Corner of Big Beaver and Todd (1985 W. Big Beaver, 1936 Butterfield, 1787 W. Big Beaver and PIN 88-20-29-226-020), Section 29, Currently Zoned BB (Big Beaver), P (Parking) and R-1C (One Family Residential) Zoning Districts

Mr. Carlisle presented background information on a potential Rezoning and Preliminary Site Plan for Elevate Mixed Use Development. He addressed the proposed combination of five parcels to construct a new five-story mixed use building that wraps around an existing building. The application proposes a 7,000 square foot restaurant, a 70-unit apartment building and a drop off circle with valet service located between the restaurant and apartment building. Mr. Carlisle addressed parking, the applicant's request for relief of 54 parking spaces, access points, amenities and an existing office parcel under separate ownership that is not part of the application. He reported the applicant has not indicated which zoning district would be sought for the rezoning.

Mr. Carlisle reported the application presented this evening is a conceptual plan only and no action would be taken.

Mr. Carlisle asked the Planning Commission to consider the following:

- Is the plan consistent with the City Master Plan?
- Does the Planning Commission support the proposed mix of uses and housing types? Are there additional types or changes in types that the Planning Commission thinks should be considered?
- Is there concern about the future of the remaining parcel zoned Office that is not part of the application?
- Are there site plan changes that the applicant should consider?
- Are there other onsite amenities that the applicant should include?
- Are there other considerations that should be discussed with the applicant?

Discussion among administration and Planning Commission:

- Potential partnership with office building not included in rezoning application.
- Parking; location, residential/restaurant uses, covered/uncovered, shared, valet/self-parking.
- Parking study required and parking requirements must be met with application submittal.

Mr. Savidant introduced property owner Jason Hamama of Encore Development and the architectural team, Peter Stuhlreyer and Mike Pizzola of Designhaus.

Some comments during discussion related to:

- Relationship of apartment building to restaurant.
- Consideration to locate apartment building further south.
- Zoning districts that applicant might seek to rezone parcels; Big Beaver (BB) or Planned Unit Development (PUD).
- Straight rezoning request versus conditional rezoning request.
- Parking; shared, valet, self-parking, consideration of additional parking level if needed.
- Potential use of parcel under separate ownership should it be acquired; encourage partnership of exempt parcel in rezoning application.
- Five (5) foot sidewalk would be provided to accommodate pedestrian traffic.
- Banquet room and co-workspace are for use by apartment residents only.

Mr. Savidant summarized Planning Commission comments:

- Support rezoning to the Big Beaver zoning district.
- Come back with a workable parking design.
- Consider pulling residential further to the south.
- Encourage owner of parcel exempt from conceptual plan to participate in rezoning process.

6. <u>PLANNING COMMISSION SCHEDULE</u> – Resolution to Cancel October 11, 2022 Regular Meeting

Mr. Savidant said attendance by Planning Commission members and staff at the Annual Michigan Association Planning Conference in Mackinaw Island this October compromises attendance at the October 11, 2022 Regular Planning Commission meeting.

After a brief discussion, it was the consensus of the Planning Commission to cancel the October 11, 2022 regularly scheduled meeting.

Resolution # PC-2022-08-048

Moved by: Krent Support by: Malalahalli

RESOLVED, To cancel the Planning Commission Regular meeting scheduled for October 11, 2022.

Yes: All present (7)
Absent: Buechner, Rahman

MOTION CARRIED

7. PUBLIC COMMENT - For Items on the Agenda

There was no one present who wished to speak.

Chair Lambert opened the floor to Planning Commission comment. There were no Planning Commission comments.

8. ADJOURN

The Regular meeting of the Planning Commission adjourned at 7:40 p.m.

Respectfully submitted,

David Lambert, Chair

Kathy L. Czarnecki, Recording Secretary

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CITY COUNCIL AGENDA ITEM

Date: September 15, 2022

To: Mark Miller, City Manager

From: Robert J. Bruner, Assistant City Manager

Emily Dumas, Library Director

Phillip Kwik, Assistant Library Director

Subject: Update on the Troy Public Library Youth Area Renovation

In February 2019, after discussions with City Management, Troy Public Library staff began planning for the renovation of the Youth area of the Library. The City hired the Troy-based architectural firm, Integrated Design Solutions, to assist in the planning.

The Youth area of the Library – located in what used to be the entire 10,000 square foot original Library, built in 1971 – is a busy, well-used, and highly-trafficked space that houses 65,000 physical items for children; youth computers; study tables; and a multipurpose room.

Unfortunately, the area is no longer suitable to deliver the services needed by Troy young people in the 21st century. There are few collaborative spaces; limited technology; only a small program room; and no room for quiet individual or group work. In order to meet these needs, the Library's Youth area requires a renovation into a more modern and inviting space.

Library and IDS staff worked on the renovation plans until February 2020.

In July 2021, after a 17-month interruption due to COVID and a change in Library leadership, the renovation planning was restarted. In September, IDS presented the Library staff with a design for a renovated Youth public service area. (Note: this design does not include needed changes to the building's systems that support the area – HVAC, power, or technology– nor does it add needed facilities, such as family/single user restrooms.) This plan included a project cost estimate of \$1.6 million. With the addition of a contingency and supplemental expenses, Library staff budgeted \$1.9 million for the renovation, an amount approved by Council in the Library's FY2023 capital budget.

In April 2022, IDS presented to the Library a revised cost estimate of \$2.6 million. This estimate considered the changing construction environment due to COVID – supply chain disruptions, shipping delays, labor shortages, inflation, etc. Adding a contingency and supplemental expenses, Library staff estimated the budget for the Youth area renovation had grown from \$1.9 million to \$3 million in nine months. This increase is in line with information regarding construction prices as a result of COVID.

After receiving this estimate, Library staff met with the City's Assistant City Manager, and the Chief Financial Officer. Because the Library was under budget in FY2022, due to staff shortages and reduced hours during COVID, both supported moving the project to bid.



CITY COUNCIL AGENDA ITEM

In August 2022, the City's Purchasing Department released the bid on MITN, and sent the bid to a list of contractors provided by IDS. The Library and Purchasing staff conducted a mandatory walk through of the project for prospective contractors. Three contractors were in attendance.

On August 25, 2022, the City received one bid on this project, from Spartan Construction Group, in the amount of \$3.6 million. Adding a contingency and supplemental expenses, Library staff estimated the budget for the Youth area renovation at \$4.3 million. This bid was incomplete and was rejected.

After the bid opening, Library staff met with Purchasing staff, the Assistant City Manager, and the Chief Financial Officer. After discussing the current cost of renovation; the lack of bids; the Library's finances; and the fact that this renovation does not include needed changes to the building's systems, neither the Assistant City Manager nor the Chief Financial Officer felt comfortable moving ahead at this time. Library staff agrees, and the Youth renovation has been put on hold for further discussion.

The renovation of the Library's Youth area was to be the first step in recreating the Library building for the 21st century. After the completion of this renovation, staff planned to renovate the lobby in FY2024, and the north wing (20,000 square feet) in FY2025.

Based on our April budget of \$3 million for the Youth area, staff had estimated that the lobby and north wing renovations would be \$5 million, for a total of \$8.2 million in renovations. With the increased cost of renovating the Youth area, Library staff now estimate the lobby and the north wing at \$8 million, bringing the total cost of renovating the Library building to \$12.5 million in today's dollars. This figure includes renovations to the building's public areas, and not system improvements, estimated at \$2 million over the next eight years. This total cost approaching nearly \$15 million exceeds the funds received from the Library's 10-year millage for capital projects.

City Management and Library staff plan to reevaluate the Youth area renovation and other potential Library building renovations and improvements after the resident budget priority study is completed in October. This will also likely be a topic for discussion during the 2022 City of Troy Advance on November 19.