

500 West Big Beaver Troy, MI 48084 troymi.gov

CITY COUNCIL AGENDA ITEM

0

Date:	September 5, 2024
To:	Robert J. Bruner, Acting City Manager
From:	Megan E. Schubert, Assistant City Manager Rob Maleszyk, Chief Financial Officer Kyle Vieth, Controller Kurt Bovensiep, Public Works Director Dennis Trantham, Deputy Public Works Director Emily Dumas, Library Director Emily Frontera, Purchasing Manager
Subject:	Budget Amendment and Standard Purchasing Resolution 4 – OMNIA Partners Cooperative Purchasing Contract and Oakland County Extended Purchasing Program – Troy Public Library Access Control Identification Badge Readers (Introduced by: Phillip Kwik, Assistant Library Director)

<u>History</u>

Over the last several years, Library staff has installed Access Control Identification Badge Readers on individual office doors and staff only areas to help ensure employee and public safety while working or visiting the Library. This is in line with Administrative Memorandum 1-G-32.

Today, with safety concerns continuing to grow, especially in a building the Library's age, staff wishes to install nine additional Access Control Identification Badge Readers on remaining individual offices and staff only areas. This will further ensure personal security in the building.

Purchasing

- Pricing to provide the labor, materials, and equipment for the Access Control Identification Badge Readers has been secured from *Wadsworth Solutions, of Perrysburg, OH,* through the OMNIA Partners Cooperative Purchasing Contract R220703 in the amount of \$23,305, as detailed in the attached proposal JJ24-085, dated August 19, 2024.
- Pricing to furnish, label, and install composite access control cables to each of the reader locations has been secured from *Shaw Service and Maintenance of Southfield, MI*, through the Oakland County Extended Purchasing Program Contract 008405 in the amount of \$8,929, as detailed in the attached quote dated August 9, 2024.
- City Council authorized participation in the Omnia Cooperative Purchasing Program, and the Oakland County Extended Purchasing Program on February 5, 2024 (Resolution #2024-02-031-J-5)

<u>Financial</u>

Funds for this project have not been budgeted in the Library's FY2025 budget. This project will require a budget amendment for an amount not to exceed \$37,068 (proposed cost plus 15% contingency) from the Library Fund balance to the Library's Buildings and Improvements Capital Fund account 401.790.975.900 to cover the cost.



500 West Big Beaver Troy, MI 48084 troymi.gov

CITY COUNCIL AGENDA ITEM

Recommendation

City Management recommends awarding a contract to *Wadsworth Solutions, of Perrysburg, OH,* for the Troy Public Library Access Control Identification Badge Readers in the amount of \$23,305, and a contingency amount of \$3,495, as per the OMNIA Partners Cooperative Purchasing Contract R220703.

City Management further recommends awarding a contract to *Shaw Service and Maintenance, of Southfield, MI,* for the Troy Public Library Access Control Identification Badge Readers (cable installation) in the amount of \$8,929, and a contingency amount of \$1,339, as per the Oakland County Extended Purchasing Program Contract 008405.

City Management finally recommends that City Council approve a budget amendment from the Library Fund balance to the Library Capital Fund account 401.790.975.900 in the amount of \$37,068.



WADSWORTH SOLUTIONS

Providing Solutions for Secure, Energy Efficient Environments

PROPOSAL Troy Public Library (9) Door Add

Quote: JJ24-085 Date: 08-19-2024 To: Troy Public Library Attention: Dennis Trantham



All quotations are for acceptance within 30 days. Contracts are not binding until this company has approved buyer's credit. **Unless shown, prices quoted do not include federal or state sales taxes.**

Cleveland

7851 Freeway Circle Middleburg Heights, OH 44130 (216) 391-7263

Columbus

9022 Cotter Street Lewis Center, OH 43035 (380) 390-0260 Toledo 1500 Michael Owens Way Perrysburg, OH 43551

(419) 861-8181

Youngstown

909 Sahara Trail, Unit C Boardman, OH 44514

(234) 201-8820



WADSWORTH SOLUTIONS

Providing Solutions for Secure, Energy Efficient Environments

Scope of Work:

WS will add **(9)** Doors to the existing Schneider Electric Security Expert System to the door locations at a walk through on 8/9. WS will install (5) new 2 door expanders to accommodate the added doors, and **(1)** new LSP. The price below reflects all labor/programming and Door Modifications. Shaw Electric will be responsible for all wiring (Shaw also at walk through on 8/9).

Door Locations:

Technology Center Equipment Room

- Meeting Room
- Meeting Room Storage
- Friends Shop
- Friends Shop Storage
- Conference Room
- Story and Craft Room
- Basement Stairwell
- Janitors' Closet

Total amount for equipment and services listed above\$23,305.	Tota	I amount for	r equipment and service	es listed above	
---	------	--------------	-------------------------	-----------------	--

Submitted By,

Jake Jacubec ACCOUNT MANAGER Cell: (614) 623-7528 Email: jjacubec@wadsworthlsc.com

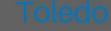
CUSTOMER	WADSWORTH SOLUTIONS
Accepted By:	Approved By:
Date:	Date:
Name:	Name:
Title:	Title:

Cleveland

7851 Freeway Circle Middleburg Heights, OH 44130 (216) 391-7263

Columbus

9022 Cotter Street Lewis Center, OH 43035 (380) 390-0260



1500 Michael Owens Way Perrysburg, OH 43551 (419) 861-8181

Youngstown

909 Sahara Trail, Unit C Boardman, OH 44514 (234) 201-8820



WADSWORTH SOLUTIONS

Providing Solutions for Secure, Energy Efficient Environments

Notable Exclusions with Terms and Conditions:

- o Unless annotated in this document, prices **do not** include local, state, or federal taxes.
- All work to be performed during regular business hours (7:30 a.m. to 4:30 p.m.) Monday through Friday. Shift work, holidays, and weekend work all at different rates.
- All proposals and quotations are for acceptance within 30 days of the date on this document. Pricing is subject to change subsequent of the 30-day time period.
- Any services or equipment not listed in this document are not included.
- Manufacturer's warranty is applicable to equipment sold by Wadsworth Solutions.
- Warranty Labor is 30 days after completion of installation.
- That all equipment and components are in operable and maintainable order upon conception of this agreement. Any repairs required to put the system(s) back into reasonable operating condition will be the responsibility of the customer.
- Progress Billing: Wadsworth Solutions reserves the right to partial invoice clients as accumulated costs are accrued for projects.
- Payment Terms: Net 30-day payment on all invoices. After 60 days, interest shall be applied to outstanding invoices.
- Force Majeure: Wadsworth Solutions shall not be liable for any losses or damage due to acts of government, labor unrest, war conditions, terrorism, vandalism, floods, fire, storms, acts of God, strike lockout, dispute with workmen, commercial delays, spoilage, or any other cause beyond reasonable control. It is expressly agreed that Wadsworth Solutions assumes no liability for negligence, misuse or failure whatsoever other than performance of the services herein set forth.
- Lead Times: Currently, the Global Supply Chain is experiencing significant and unprecedented delays due to raw material shortages such as micro processing chips, precious metals, and steel. As a result, estimated product lead times and shipping dates can change without notice by associated manufacturers or brands. Our goal is to ensure delivery as promised and monitor all orders, making sure our customers' expectations are met.

Cleveland

7851 Freeway Circle Middleburg Heights, OH 44130 (216) 391-7263

Columbus

9022 Cotter Street Lewis Center, OH 43035 (380) 390-0260

Toledo 1500 Michael Owens Way

Perrysburg, OH 43551 (419) 861-8181

Youngstown

909 Sahara Trail, Unit C Boardman, OH 44514 (234) 201-8820



Proposal & Scope of Work

Date: 8/9/2024

TO: DENNIS TRANTHAM City of Troy

4695 Rochester Road Troy, MI 48085

Proposal ID: SCOT240808002

FROM: Eric J Peterson PROJECT: Library Access Control Cabling

Shaw Service and Maintenance Contacts

Eric Peterson, Service Engineer | Direct (248) 228-2080 | (248) 534-7602 | epeterson@shawsi.com

Direct (248) 228-2080 | service@shawsi.com

After Hours Emergency Number

r (877) 370-7076

Service Email service@shawsi.com

Included	Excluded		Included	Excluded	
\boxtimes		Sales & Use Tax		\boxtimes	Payment & Performance Bonds
	\boxtimes	Electrical Permit Costs & Fees		\boxtimes	Overtime Costs
	\boxtimes	Fire Division Inspection Fees		\boxtimes	Temperature Controls
	\boxtimes	Building Permit Fees		\boxtimes	Patching &/or repair of holes in walls or floors

This Proposal is based upon Shaw Service & Maintenance's Standard Terms and Conditions (see Page 2) unless otherwise indicated below.

SCOPE OF WORK:

Furnish, label and install (1) composite access control cable to each of the following locations:

Dispatch

- Technology Center Equipment Room
- Meeting room
- Meeting Room Storage
- Friends Shop
- Friends Shop Storage (double door set, sliding door not included)
- Conference Room
- Story and Craft Room (Right Side / East door only)
- Basement Stairwell
- Janitors Closet

Composite cable will be coiled at new panel location and near to/above each door in the ceiling space Furnish and install sleeve and firestop for new cabling between electrical closet nearest to bathrooms and hallway area Furnish and install sleeve and firestop between hallway and technology center for new cabling Furnish and install sleeve and firestop between hallway and story/craft room Furnish and install (1) new 20a circuit for Security Contractor Control Panel

 Material:
 \$2,575.00

 Equipment:
 \$257.00

 Labor:
 \$6,097.00

 TOTAL OFFERING PRICE:
 \$8,929.00

EXCLUSIONS & ASSUMPTIONS:

All work to be performed during normal working hours Monday through Friday 7am-3pm. No electrical at door locations is included in the proposal Terminations, control panel, cabinet, door work, card readers, etc. by security contractor or other Offered as not to exceed and at Oakland County contract rates

Eric J Peterson

Shaw Service & Maintenance

402FR003S	Version B	03/22/2014	Page 1 of 2
			-



Proposal & Scope of Work

Standard Terms & Conditions

- 1. Payment terms are monthly progress payments net 30 days due.
- 2. The offering price is valid for 30 days. Shaw Service & Maintenance reserves the right to extend this term without notice.
- 3. Subcontract terms and conditions are subject to review and approval prior to award of a subcontract to Shaw Service & Maintenance.
- 4. Terms are pending approval by Shaw Service & Maintenance credit manager.
- 5. This Proposal is based on the schedule and time durations presented at time of bid. A change in schedule shall constitute a change in scope of work.
- 6. All equipment furnished is F.O.B. shipping points with freight allowed to jobsite.
- 7. The price includes a warranty as specified in the Bid Documents. No other warranty is expressed or implied.

22100 TELEGRAPH RD		RD S	SOUTHFIELD		MICHIG	AN 480	33
	PHONE: 248-228-20	000			FAX	: 248-228-208	0
		WWW.s	shawelec	<u>tric.com</u>			
	402FR003S	Versic	n B	03/22	2/2014	Page 2 of 2	



22100 Telegraph Southfield, MI 48033 Phone: (248) 228-2000 Fax: (248) 228-2080

CITY OF TROY BULLETIN BREAKDOWN THROUGH JUNE 30TH, 2026

DATED: 049/024 SHAW REVISION S DESCRIPTION: PER-ROVIDED SCORE-ACCESS CONTROL CABLING AND ELECTRICAL FOR NEW CABINET AT PARLIC LIBRARY PLANS ESSUED: 0'- SPRES. ISSUED: 0'- PATHRIAL 0'- MATRIAL MATRIALS 0'- MATRIAL MATRIALS 0'- MATRIAL MATRIALS 0'- MATRIAL MATRIALS 0'- MATRIAL TOTAL 0'- MA	ROJECT:	CITY OF TROY			SHAW PROJECT #:	SCOT2408080
PLANE SISUED: 11/2 PLANE					SHAW MMS RFC #:	
DESCRIPTION: PER PROVIDED SCOPE- ACCESS CONTROL CABLING AND ELECTRICAL FOR NEW CABINET AT PUBLIC LIBRARY PLANS ISSUED:	ATED:	8/9/2024				
PLANS ISSUED: 1/10 SPECS ISSUED: 0 SPECIAL STATEMAL PATHWAYS SEED SERVE/FIRESTOP 0 SERVICE SISSUED: 0 TATEMAL ELECTRICAL MATTERIALS 0 PATHWAYS SEED SERVIC/FIRESTOP 0 SERVICE THOMAS ISSUED: 0 MATERIAL ACCESS CONTROL CABLE 0 PATHWAYS SEED SERVICE SERVICE TECHNICICAN 1314 SECURITION LABOR COST - PER ATTACHED SHEETS 0 10 HOURS 9 0 SINAPAT 12 HOURS 9 1 SINAPAT 13 HOURS 9 1 SINAPAT 13 HOURS 9 SINAPAT 13 HOURS 9 SINAPAT 14 HOURS 9 SINAPAT 14 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 14 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 15 HOURS 9 SINAPAT 16 HOURS 9 SINAPAT 16 HOURS 9 SINAPAT 17 HOURS 9 SINAPAT 18 HOURS 9 SINAPAT 19					SHAW QUOTE DATE:	8/9/20
SPECE. SISUED:	SCRIPTION:	PER PROVIDED SCOPE- ACCESS CONTRU	JE CABLING AND	ELECTRICAL FOR NEW CABINET AT PUBLIC LIBRARY		
SPECE. ISSUED:						
SKETCHE SISUED:		n/a				
OTY ELECTICAL MATERIALS 0 PATHWAY, SPEED SLEEVE, FIRESTOP 0 910 PATHWAY, SPEED SLEEVE, FIRESTOP 0 917 MARRUP, MICLUDING USE TAX) 15% 0 910 MARRUP, MICLUDING USE TAX) 15% 0 911 MARRUP, MICLUDING USE TAX) 15% 131 911 911 MARRUP, MICLUDING USE TAX) 15% 131 911						
ATERIAL ACCESS CONTROLCABLE 0 510 LECCTICAL MATERIALS 0 310 PATHWAY/SPEED SLEEVE/FIRESTOP 0 327 MARKUP(INCLUDING USE TAX) 15% 331 ESCALATON(CONTINGENERY) 8% 331 MATERIAL TOTAL 5 90.00 SERVICE TECHNICIAN VIDENCE 0 * \$ 90.00 SERVICE TECHNICIAN \$ 41.15 VIDENCE 0 * \$ 122.00 SERVICE TECHNICIAN \$ 41.15 VIDENCE 0 * \$ 122.00 SERVICE ELECTRICIAN \$ 41.15 VIDENCE 0 * \$ 122.00 SERVICE ELECTRICIAN \$ 9 VIDUNES 0 * \$ 122.00 SERVICE ELECTRICIAN \$ 9 VIDUNES 0 * \$ 122.00 SERVICE ELECTRICIAN \$ 9 VIDURES 0 * \$ 122.00 SERVICE ELECTRICIAN \$ 9 VIDURES 0 * \$ 122.00 SERVICE ELECTRICIAN \$ 9 UPORUS 0 \$ 153.00 SERVICE ELECTRICIAN \$ 9 \$ 90 VIDURES 0		SUED.	0			
ELECTRICAL MATERIALS 0 910 MARKUPCINCLIDING US/FIRESTOP 0 970 MARKUPCINCLIDING US/FIRESTOP 0 970 MARKUPCINCLIDING US/FIRESTOP 0 970 MATERIAL TOTAL 9900 SERVICE TECHNICIAN 910 MATERIAL TOTAL 9 9000 SERVICE TECHNICIAN 911 MATERIAL TOTAL 9 9000 SERVICE TECHNICIAN 911 MARKUPS * \$ 9000 SERVICE TECHNICIAN 911 * HOURS © * \$ 122.00 SERVICE TECHNICIAN 911 * HOURS © * \$ 123.00 SERVICE TECHNICIAN 911 * HOURS © * \$ 123.00 SERVICE TECHNICIAN 911 * HOURS © * \$ 123.00 SERVICE TECHNICIAN 911 * HOURS © * \$ 123.00 SERVICE TECHNICIAN 911 * HOURS © * \$ 123.00 SERVICE TECHNICIAN 911 * HOURS © THE & 1/2 • 1000 911 * HOURS © THE & 1/2 • 910 91000000000000000000000000000000000000			U		\$1.250	
PATHWAY, SPEED SLEEVE/FIRESTOP 0 222 MARKUP(INCLIDING USE TAX) 15% 15% 15% 15% 15% 15% 15% 15% 15% 15%				0		
MARKUP(INCLUDING USE TAX) 15% 531 ESCALATION(CONTINGENCY) 8% 513 IRECT INSTALLATION LABOR COST - PER ATTACHED SHEETS 90.00 SERVICE TECHNICIAN 91.10 18ECT INSTALLATION LABOR COST - PER ATTACHED SHEETS 90.00 SERVICE TECHNICIAN 91.10 1 HOURS © * \$ 10.00 SERVICE TECHNICIAN 81.40 0 HOURS © * \$ 120.00 SERVICE ELECTRICIAN 81.40 0 HOURS © * \$ 110.00 86.00 81.40 91.40 0 HOURS © * \$ 110.00 SERVICE ELECTRICIAN 92.40 0 HOURS © * \$ 110.00 947.40 94.40 0 HOURS © * \$ 110.00 947.40 94.40 0 HOURS © * \$ 110.00 947.40 94.40 0 HOURS © * \$ 10.00 947.40 94.40 0 HOURS © * \$ 10.00 947.40 94.40 0 HOURS © * \$ 10.00 947.40 94.40 0 HOURS © *			P		\$723	
ESCALATION(CONTINGENCY) 8% 513 MATERILITOTAL Set Straight 5 1RECT INSTALLATION LABOR COST - PER ATTACHED SHEETS 5 0 HOURS © Tarting Set Straight 5 12 HOURS © Tarting Set Straight 5 12 HOURS © Tarting Set Straight 5 10 HOURS © Tarting Set		,	-			
ESCALATION(CONTINGENCY) 8% 519 IRECT INSTALLATION LAGOR COST - PER ATTACHED SHEETS 9000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 90000 900000 900000 900000 900000 900000 900000 900000 900000 900000 900000 9000000 900000 9000000 9000000 9000000 9000000 9000000 9000000 9000000 9000000 9000000 9000000 90000000 90000000 90000000 900000000 900000000 9000000000 90000000000 9000000000000000000000000000000000000		MARKUP(INCLUDING USE TAX)	15%		\$311	
MATERIAL TOTAL MATERIAL TOTAL IRECT INSTALLATION LASOR COST - PER ATTACHED SHEETS 9 42. MOURS © 1 \$ 99.00 42. MOURS © 1 \$ 99.00 42. MOURS © 1 \$ 122.00 12. MOURS © 1 \$ 122.00 14. MOURS © 1 \$ 123.00 15. MOURS © 1 \$ 123.00 16. MOURS © 1 \$ 153.00 16. MOURS © 1 \$ 162.00 16. MOURS © 1 \$ 163.00 16. MOURS © 1 \$ 163.00 16. MOURS © 1 \$ 10.00 16. MOURS © Straight \$ 10.00 16. MOURS © Total \$ 10.00 16. MOURS © Straight \$ 10.00					\$191	
0 HOURS © Staught 9 9 SERVICE TECHNICIAN 94,15 12 HOURS © Time & 1/2 SERVICE ELECTRICIAN 94,15 0 HOURS © Time & 1/2 9					·	\$2,5
12 HOURS © " \$ 90.0 SERVICE ELECTRICIAN \$4,16 12 HOURS © Time & 1/2 \$1,200 SERVICE ELECTRICIAN \$1,46 0 HOURS © Time & 1/2 \$ \$1,200 SERVICE ELECTRICIAN \$1,46 0 HOURS © Time & 1/2 \$ \$1,200 SERVICE ELECTRICIAN \$1,600 0 HOURS © Time & 1/2 \$1,200 ELECTRICIAN \$1,600 0 HOURS © Time & 1/2 \$1,000 \$1,000 \$1,000 \$1,000 0 HOURS © Time & 1/2 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 0 HOURS © Time & 1/2 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 0 HOURS © Time & 1/2 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 0 HOURS © Time & 1/2 \$1,000	RECT INSTALLATION LA	BOR COST - PER ATTACHED SHEETS				
12 HOURS © * \$ 122.00 SERVICE ELECTRICIAN \$1,46 0 HOURS © * \$ 123.00 ELECTRICIAN \$1 0 HOURS © * \$ 123.00 ELECTRICIAN \$1 0 HOURS © * \$ 123.00 ELECTRICIAN \$1 0 HOURS © * \$ 163.00 SERVICE ELECTRICIAN \$1 0 HOURS © * \$ 163.00 ELECTRICIAN \$1 0 HOURS © * \$ 163.00 ELECTRICIAN \$1 0 HOURS © * \$ 163.00 ELECTRICIAN \$1 0 HOURS © * \$10.00 \$1 \$1 0 HOURS © * \$1 \$10.00 \$1 0 HOURS © * \$1 \$10.00 \$1 0 HOURS © * \$10.00 \$1 \$1 0 HOURS © * \$10.00 \$1 \$1 1 HOURS ©		0 HOURS @ Straight			\$0	
0 HOURS @ Time & 1/2 9	4	12 HOURS @ "	\$ 99.00	SERVICE TECHNICIAN	\$4,158	
0 HOURS @ * \$ 129:00 ELECTRICIAN \$ 0 HOURS @ * \$ 153:00 SERVICE ELECTRICIAN \$ 0 HOURS @ * \$ 162:00 ELECTRICIAN \$ 0 HOURS @ * \$ 162:00 ELECTRICIAN \$ 0 HOURS @ * \$ 100:00 \$ \$ 0 HOURS @ * \$ 100:00 \$ \$ 43 HOURS @ * \$ 10:00 \$ \$ 0 HOURS @ * \$ \$ \$ \$ 0 HOURS @ * \$ \$ \$ \$ 0 HOURS @ * \$ \$ \$ \$ \$ 0 HOURS @ * \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		<u></u>	\$ 122.00	SERVICE ELECTRICIAN	\$1,464	
0 HOURS @ * \$ 153.00 SERVICE ELECTRICIAN \$ 0 HOURS @ * \$ 162.00 ELECTRICIAN \$ 0 HOURS @ * \$ 189.00 SERVICE ELECTRICIAN \$ 0 HOURS @ * \$ 189.00 SERVICE ELECTRICIAN \$ 0 HOURS @ * \$ 189.00 SERVICE ELECTRICIAN \$ 10 HOURS @ * \$ 189.00 SERVICE ELECTRICIAN \$ 10 HOURS @ * \$ 10.00 \$ \$ \$ 10 HOURS @ * \$ 10.00 \$ \$ \$ 0 HOURS @ * \$ \$ \$ \$ 0 HOURS @ * \$ \$ \$ \$ 1000RS @ Double * \$ \$ \$ \$ 1000RS @ TOTAL * \$ \$ \$ \$ \$ 1000RS @ TOTAL \$ <td></td> <td>0 HOURS @ Time & 1/2</td> <td></td> <td></td> <td>\$0</td> <td></td>		0 HOURS @ Time & 1/2			\$0	
0 HOURS © Total \$ 160.00 0 HOURS © Total \$ 189.00 SERVICE ELECTRICIAN \$ 0 HOURS © Total \$ 189.00 SERVICE FLECTRICIAN \$ 0 HOURS © Total \$ 189.00 SERVICE FLECTRICIAN \$ 0 HOURS © Total \$ \$ \$ \$ 1E EQUIPMENT - LARGE OR SPECIAL TOOLING \$ \$ \$ \$ \$ 0 HOURS © Sectal total \$			\$ 129.00		\$0	
0 HOURS © * \$ 162.00 ELECTRICIAN \$ 0 HOURS © * \$ 189.00 SERVICE ELECTRICIAN \$ 1 0 HOURS © * \$ 189.00 SINCE (DETAILING, LOURS (DETAILING, LOURS O PER ATTACHED SHEETS AS DIRECT LABOR 4.3 HOURS © * \$ 0		-	\$ 153.00	SERVICE ELECTRICIAN	<u></u> \$0	
0 HOURS @ " \$ 193:00 SERVICE ELECTRICIAN S UPERVISION - 8% OF DIRECT LABOR HOURS (DETAILING, LOGISTICS) or PER ATTACHED SHEETS AS DIRECT LABOR \$477 4.3 HOURS @ Straight \$ 110.00 \$477 0 HOURS @ " \$3 0 HOURS @ " \$3 0 HOURS @ Time & 1/2 \$3 0 HOURS @ " \$3 0 HOURS @ Time & 1/2 \$3 1 HOURS @ Time & 1/2 \$4 1 HOURS @ Time & 1/2 \$4 1 HOURS @ Time & 1/2 \$4 1 HOURS @ Time					\$0	
UPERVISION - 8% OF DIRECT LABOR HOURS (DETAILING, LOGISTICS) or PER ATTACHED SHEETS AS DIRECT LABOR 4.3 HOURS © T' 0 HOURS © TO NON DAY SHIFT/FUTURE RATES 0 HOURS © TO SECULT FOR CHARGE OF SPECIAL TOOLING 0 HOURS © TO SERVICE ENGINEER/FIELD DETAIL/SURVEY 0 HOURS © SERVICE ENGINEER/FIELD DETAIL/SURVEY 0 HOURS © SERVICE ENGINEER/FIELD DETAIL/SURVEY 0 HOURS © SON ADMINISTRATIVE ASSISTANT 0 HOURS © TO AS THEMZED ON THE DIE CHECKLIST SHEET (Page 2 of 2) 0 HOURS © TO LABOR ABOVE TOTAL 0% 0 HOURS © TO AL 0% 0 HOURS © SUBCONTRACTOR TOTAL					\$0	
A 3 HOURS © Straight \$ 110.00 \$47 0 HOURS © " 0 HOURS © " 0 HOURS © " 0 HOURS © " 0 HOURS © " 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES 0 HOURS © " 1 ABOR TOTAL 3E EQUIPMENT - LARGE OR SPECIAL TOOLING EXCAVATOR/TRENCHING EQUIPMENT RIGGING / HOURS ING / LULL / FORKLIFT FLUKE CABLE TESTER CIRCUIT TRACER CORING POWER LOGGER PERMIT 0 HOURS \$ 90.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY 1 BOURS \$ 90.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY 0 HOURS \$ 90.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY 1 BOURS \$ 90.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY 2 HOURS \$ 90.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY 3 BOURDERTING / DOCUMENT MAINTENANCE 2 HOURS \$ 90.00 GILA COORDINATOR/PLOTS/DWGS 0 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS 3 BIR COORDINATOR/PLOTS/DWGS 3 DIRECT JOB EXPENSES TOTAL 0% 1 BEONTRACTORS X X X X X X X X X X X X X					\$0	
0 HOURS @ " \$ 0 HOURS @ Time & 1/2 \$ 0 HOURS @ Double \$ 0 HOURS @ Tome & 1/2 \$ 1 HOURS @ Tome & 1/2 \$ 12 HOURS @ Tome & 1/2 \$ 12 HOURS @ Service Engineer/Field Detail/Surver \$ 13 HOURS @ Service Engineer/Field Detail/Surver \$ 14 HOURS @ Service Engineer/Field Detail/Surver \$ 13 HOURS @ Service Engineer/Field Detail/Surver \$ 14 HOURS @ Service Engineer/Field Detail/Surver \$ 14 HOURS @ Service Engineer/Field Detail/Surver \$ 14 HOURS @ Service				ATTACHED SHEETS AS DIRECT LABOR		
0 HOURS @ Time & 1/2 \$ 0 HOURS @ " \$ 0 HOURS @ 0 \$ 0 HOURS @ " \$ 1 HOURS @ TOTAL \$ 2 EXCAVATOR/TRENCHING EQUIPMENT \$ RIGGING / HOUSTING / LULL / FORKLIFT \$ \$ FLUKE CABLE TESTER \$ \$ CIRCUIT TRACER \$ \$ CORING \$ \$ \$ POWER LOGGER \$ \$ \$ PERNIT \$ \$ \$ NGINEERING / DOCUMENT MAINTENANCE \$ \$ 2 HOURS \$ \$ 0 HOURS <td< td=""><td></td><td></td><td>\$ 110.00</td><td></td><td>\$475</td><td></td></td<>			\$ 110.00		\$475	
0 HOURS @ * \$ 0 HOURS @ * \$ 0 HOURS @ * \$ 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$ 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$ 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$ 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$ 1 1 1 \$ \$ 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$ 1 1 1 \$ \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1 1 1 \$ 1 1					<u>-</u> \$0	
0 HOURS @ Double \$9 0 HOURS @ " \$9 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$9 1 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$9 1 1 0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-			\$0	
0 HOURS © " O% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES LABOR TOTAL DIE EQUIPMENT - LARGE OR SPECIAL TOOLING EXCAVATOR/TRENCHING EQUIPMENT RIGGING / HOISTING / LULL / FORKLIFT FLUKE CABLE TESTER CIRCUIT TRACER CORING CORING CORING CORING POWER LOGGER PERMIT NGINEERING / DOCUMENT MAINTENANCE 2 HOURS \$ 9 0.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$199 0 HOURS \$ \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$199 0 HOURS \$ \$ 06.00 ADMINISTRATIVE ASSISTANT \$ NIRECT JOB EXPENSES / SHEFT / CONSUMMABLES / FIRST AID AS PERCENT © O% UBCONTRACTORS X X X X X X X X X X X X X X X X X X					\$0	
0% INCREASE RATES FOR NON DAY SHIFT/FUTURE RATES \$ LABOR TOTAL \$ \$ DJE EQUIPMENT - LARGE OR SPECIAL TOOLING EXCAVATOR/TRENCHING EQUIPMENT RIGGING / HOISTING / LULL / FORKLIFT FLUKE CABLE TESTER CIRCUIT TRACER \$ \$ CORING POWER LOGGER PERMIT \$ \$ \$ POWER LOGGER PERMIT \$ \$ \$ 0 HOURS \$ \$ \$ \$ 0 HOURS \$ \$ \$ \$ \$ 0 HOURS \$ \$ \$ \$ \$ \$ 0 HOURS \$ \$ \$ \$ \$ \$ \$ 0 HOURS \$						
LABOR TOTAL DJE EQUIPMENT - LARGE OR SPECIAL TOOLING EXCAVATOR/TRENCHING EQUIPMENT SIGE EXCAVATOR/TRENCHING EQUIPMENT SIGE EXCAVATOR/TRENCHING EQUIPMENT RIGGING / LULL / FORKLIFT SIGE CORLING CURCUT TRACER CURCUT TRACER CURCUT TRACER CURCUMENT MAINTENANCE 2 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$19 0 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$19 0 HOURS \$ 80.00 BIN COORDINATOR/PLOTS/DWGS \$ SIGE CORLING S 5 SUBECONTRACTOR TOTAL \$ S S S S S S S S S S S S S S S S S S		0 HOURS @	004	INCREASE DATES FOR NON DAY SUITET (FUTURE RATES		
DJE EQUIPMENT - LARGE OR SPECIAL TOOLING EXCAVATOR/TRENCHING EQUIPMENT RIGGING / HOISTING / LULL / FORKLIFT FLUKE CABLE TESTER CIRCUIT TRACER CORING POWER LOGGER PERMIT SINGINEERING / DOCUMENT MAINTENANCE 2 HOURS 2 HOURS 2 HOURS 0 FLABOR ABOVE TOTAL 0% SUBCONTRACTOR TOTAL 0%			070	INCREASE RATES FOR NON DAT SHIFT/FUTURE RATES	\$0	\$6,0
EXCAVATOR/TRENCHING EQUIPMENT \$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FOUTPMENT - LARGE O					40, ⁰
RIGGING / HOISTING / LULL / FORKLIFT \$ FLUKE CABLE TESTER CURCUIT TRACER CORING POWER LOGGER PERMIT NGINEERING / DOCUMENT MAINTENANCE 2 HOURS 2 HOURS 2 HOURS 2 HOURS 3 80.00 BIM COORDINATOR/PLOTS/DWGS 3 80.00 BIM COORDINATOR/PLOTS/DWGS 3 96.00 BIM COORDINATOR/PLOTS/DWGS 3 96.00 BIM COORDINATOR/PLOTS/DWGS 3 96.00 3	EQUIPMENT - LANGE O		NT		\$0	
FLUKE CABLE TESTER \$ CIRCUIT TRACER \$ CORING \$ POWER LOGGER \$ PERMIT \$ 2 HOURS \$ 2 HOURS \$ 0 F AS ITEMIZED ON THE DJE CHECKLIST SHOURD 10 DIRECT JOB EXPENSES TOTAL X \$					\$0	
CIRCUIT TRACER \$ CORING \$ POWER LOGGER \$ PERMIT \$ NGINEERING / DOCUMENT MAINTENANCE \$ 2 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$19 0 HOURS \$ 80.00 BIM CONDINATOR/PLOTS/DWGS \$\$ 0 HOURS \$ 65.00 ADMINISTRATIVE ASSISTANT \$\$ DIRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID \$ \$\$ \$\$ AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL \$\$ or AS ITEMIZED ON THE DIE CHECKLIST SHEET (Page 2 of 2) \$\$ \$\$ 0% 0% \$\$ \$\$ UBCONTRACTORS \$\$ \$\$ \$\$					\$0	
CORING POWER LOGGER PERMIT NGINEERING / DOCUMENT MAINTENANCE 2 HOURS 2 HOURS 4 80.00 BIM COORDINATOR/PLOTS/DWGS 4 80.00 BIM COORDINATOR/PLOTS/DWGS 4 80.00 BIM COORDINATOR/PLOTS/DWGS 4 0 HOURS 4 0 HOURS 4 80.00 BIM COORDINATOR/PLOTS/DWGS 4 0 HOURS 4 0 HOURS					\$0	
POWER LOGGER PERMIT S NGINEERING / DOCUMENT MAINTENANCE 2 HOURS 2 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$ 99.00 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS \$ 90.00 HOURS \$ 65.00 ADMINISTRATIVE ASSISTANT \$ 1000000000000000000000000000000000000					\$65	
PERMIT \$ NGINEERING / DOCUMENT MAINTENANCE \$ 2 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$19.00 0 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS \$ \$ 0 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS \$ \$ 1 HOURS \$ 80.00 ADMINISTRATIVE ASSISTANT \$ \$ IRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID \$ \$ \$ \$ or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) \$ \$ \$ \$ DIRECT JOB EXPENSES TOTAL 0% OF LABOR ABOVE TOTAL \$ \$ 0% 0% 0.0% OF LABOR ABOVE TOTAL \$ \$ 0% 0% 0% \$ \$ \$ \$ 1000000000000000000000000000000000000					\$0	
NGINEERING / DOCUMENT MAINTENANCE 2 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$19 0 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS \$ 0 HOURS \$ 65.00 ADMINISTRATIVE ASSISTANT \$ IRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL \$ or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) DIRECT JOB EXPENSES TOTAL \$ 0% UBCONTRACTORS X X SUBCONTRACTOR TOTAL \$					\$0	
2 HOURS \$ 96.00 SERVICE ENGINEER/FIELD DETAIL/SURVEY \$19. 0 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS \$ 0 HOURS \$ 65.00 ADMINISTRATIVE ASSISTANT \$ IRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL \$ or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) \$ DIRECT JOB EXPENSES TOTAL \$ UBCONTRACTORS X X \$ X SUBCONTRACTOR TOTAL \$ SUBCONTRACTOR TOTAL \$ 19.00 BIM COORDINATOR/PLOTS/DWGS \$ 19.00 BIM COORDINATOR/PLOTS 19.00 BIM COORDINATOR/PLOTS/DWGS \$ 19.00 BIM COORDINATOR/PLOTS/BIME \$ 19.00 BIM COORDINATOR/PLOTS \$ 19.00 BIM COORE					\$0	
0 HOURS \$ 80.00 BIM COORDINATOR/PLOTS/DWGS \$ 0 HOURS \$ 65.00 ADMINISTRATIVE ASSISTANT \$ IRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL \$ or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) DIRECT JOB EXPENSES TOTAL \$ 0% UBCONTRACTORS X X X SUBCONTRACTOR TOTAL \$	GINEERING / DOCUMEN	IT MAINTENANCE				
0 HOURS \$ 65.00 ADMINISTRATIVE ASSISTANT \$ IRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL \$ or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) DIRECT JOB EXPENSES TOTAL		2 HOURS	\$ 96.00	SERVICE ENGINEER/FIELD DETAIL/SURVEY	\$192	
IRECT JOB EXPENSES / SMALL TOOLS / SAFETY / CONSUMMABLES / FIRST AID AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL s or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) DIRECT JOB EXPENSES TOTAL 0% UBCONTRACTORS X X X X X X X X X X X X X X X X X X X		0 HOURS	\$ 80.00	BIM COORDINATOR/PLOTS/DWGS	\$0	
AS PERCENT @ 0.0% OF LABOR ABOVE TOTAL \$ or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) DIRECT JOB EXPENSES TOTAL 0% UBCONTRACTORS X A S X A		0 HOURS	\$ 65.00	ADMINISTRATIVE ASSISTANT	\$0	
or AS ITEMIZED ON THE DJE CHECKLIST SHEET (Page 2 of 2) DIRECT JOB EXPENSES TOTAL O% UBCONTRACTORS X X X X X SUBCONTRACTOR TOTAL SUBCONTRACTOR TOTAL	RECT JOB EXPENSES / SI					
DIRECT JOB EXPENSES TOTAL O% UBCONTRACTORS X X X X X SUBCONTRACTOR TOTAL					\$0	
0% UBCONTRACTORS X \$ X \$ X \$ SUBCONTRACTOR TOTAL \$	c		ST SHEET (Page	2 of 2)	\$0	
UBCONTRACTORS X X X X X X SUBCONTRACTOR TOTAL		DIRECT JOB EXPENSES TOTAL				\$
UBCONTRACTORS X X X X X X SUBCONTRACTOR TOTAL						\$8,
\$ X X SUBCONTRACTOR TOTAL \$			0%			
X \$ X SUBCONTRACTOR TOTAL	BCONTRACTORS					
X \$ X <u>\$</u> SUBCONTRACTOR TOTAL		×.			\$0	
×\$					\$0	
SUBCONTRACTOR TOTAL					\$0	
					\$0	
			E0/			
LM BOND / INSURANCE COSTS	BOND / INSURANCE C		5%			