

k) **Standard Purchasing Resolution 2: Low Bidder Meeting Specifications – Sylvan Glen Irrigation Installation and Budget Amendment, Professional Services Contract and Budget Amendment**

Resolution #2017-11-179-J-4k

RESOLVED, That Troy City Council hereby **AWARDS** a contract for materials and labor to replace the irrigation system at Sylvan Glen Golf Course as specified to *Commercial Irrigation & Turf, Inc, of E. Peoria, IL* for an estimated total of \$988,965; at unit prices contained in the bid tabulation opened September 28, 2017, which includes proposed alternates, a product discount from the manufacturer, and a 10% contingency, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

BE IT FURTHER RESOLVED, That Troy City Council hereby **AWARDS** a contract for Professional Services to *EC Design, Erik Christiansen Design Group, LTD, of Bartlett, IL*, for the estimated amount of \$28,985, which includes a 10% contingency.

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

BE IT FINALLY RESOLVED, That Troy City Council hereby **AUTHORIZES** City Management to amend the Sylvan Glen Golf Course Fund for \$111,450.

584.788.7978.010

Project# 2018C0054

PO# 2018-661 ED Design

BLANKET ORDER

No. 2018-00000671

DATE: 12/13/2017

PAGE: 1 of 1

FOB DESTINATION

Ship To

CITY OF TROY
Parks and Recreation
3179 LIVERNOIS
TROY, MI 48083

Bill To

CITY OF TROY
Parks and Recreation
3179 LIVERNOIS
TROY, MI 48083

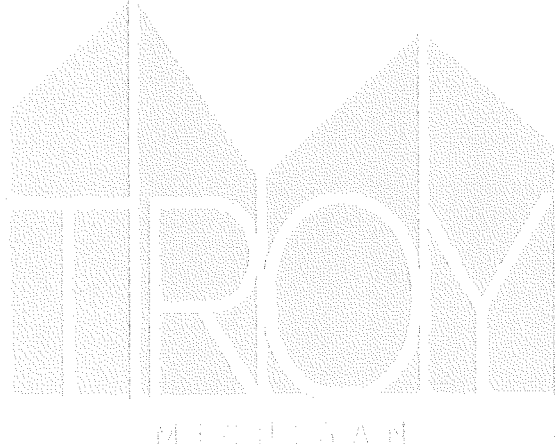
COUNCIL RESOLUTION
2017-11-179-J-4k

VENDOR NO. 172372

Vendor

COMMERCIAL IRRIGATION & TURF, INC.
109 COMMERCIAL DR.
EAST PEORIA, IL 61611

QUANTITIES ARE ESTIMATED AND WILL BE ORDERED AS NEEDED

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1	Each	IRRIGATION INSTALLATION Contract for materials and labor to replace the irrigations system at Sylvan Glen Golf Course as per all bid specifications and the Scope of Work of ITB-COT 17-33 at unit prices contained in the bid tabulation. PROJECT COMPLETION DATE: 6/30/2018.	988,965.0000	\$988,965.00
1	Each	DEDUCTS SHALL INCLUDE: City to remove old irrigation heads (\$3,800), Use of PVC mainlines (\$71,000), Omit Soil Sensors (\$12,550), Omit surface drip system (\$15,500), Use grounding rods (\$18,000). TOTAL DEDUCTS ARE: (\$112,350).	0.0000	\$0.00
1	Each	ADD: Radio Package \$8,500.	0.0000	\$0.00
				
Entered By: MaryBeth Murz				\$988,965.00

Special Instructions:

CITY COUNCIL AWARD DATE: 11/13/2017. Certificate of Insurance and Endorsement shall be on file for duration of project. All required Bonds shall also be on file with the City prior to the start of install.

TERMS & CONDITIONS

1. Purchases of Municipalities are exempt from State Sales and Federal Excise Taxes.
2. Prior to acceptance, vendor agrees to provide City with information under the Right-to-Know Law, P.A. 1986, No. 80, and fully comply with all terms and conditions of the Michigan Occupational Safety and Health Act, MCL 408.1001, et seq. including vendor shall provide City with an "MSDS". Vendor also agrees to be responsible for all required labeling.
3. In cases of emergency/disaster, the City can purchase up to six(6) times the order amount for a period of six(6) months at the price contained in the contract.
4. Purchase Orders are signed electronically based upon computer generated "on-line" authorized approvals. Authentic signatures are on file in the City of Troy Purchasing Department.

NOTICE: The City could put the vendor on notice that vendors will be held financially responsible for any claims or awards made against the City as a result of the vendor's action. If the City has to defend the initial lawsuit, the City will bring in the vendor as a co-defendant or sue the vendor, either as the result of settling a claim or the conclusion of the lawsuit.

I HEREBY CERTIFY THAT THIS ORDER IS PROPERLY AUTHORIZED AND APPROVED.

MaryBeth Murz

PURCHASE ORDER

No. 2018-00000661

DATE: 11/27/2017

PAGE: 1 of 1

FOB DESTINATION

Ship To	CITY OF TROY Parks and Recreation 3179 LIVERNOIS TROY, MI 48083	Bill To	CITY OF TROY Parks and Recreation 3179 LIVERNOIS TROY, MI 48083
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VENDOR NO. 172123

Vendor	ERIK CHRISTIANSEN DESIGN GROUP, LTC 400 5TH STREET WEST DES MOINES, IA 50265
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QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1	Lump Sum	Sylvan Glen Golf Course - IRRIGATION DESIGN Manage the Irrigation replacement project, provide central mapping and programming and provide as-built drawings. Construction Support \$12,000 ***** Post Construction Services \$3,500 ***** GPS Mapping Grade \$9,000 ***** As-Built Drawings \$1,850 ***** As per the Service Agreement.	26,350.0000	\$26,350.00

Entered By: MaryBeth Murz

\$26,350.00

Special Instructions:

CITY COUNCIL AWARD DATE: 11/13/2017.

TERMS & CONDITIONS

1. Purchases of Municipalities are exempt from State Sales and Federal Excise Taxes.
2. Prior to acceptance, vendor agrees to provide City with information under the Right-to-Know Law, P.A. 1986, No. 80, and fully comply with all terms and conditions of the Michigan Occupational Safety and Health Act, MCL 408.1001, et seq. including vendor shall provide City with an "MSDS". Vendor also agrees to be responsible for all required labeling.
3. In cases of emergency/disaster, the City can purchase up to six(6) times the order amount for a period of six(6) months at the price contained in the contract.
4. Purchase Orders are signed electronically based upon computer generated "on-line" authorized approvals. Authentic signatures are on file in the City of Troy Purchasing Department.

NOTICE: The City could put the vendor on notice that vendors will be held financially responsible for any claims or awards made against the City as a result of the vendor's action. If the City has to defend the initial lawsuit, the City will bring in the vendor as a co-defendant or sue the vendor, either as the result of settling a claim or the conclusion of the lawsuit.

HEREBY CERTIFY THAT THIS ORDER IS PROPERLY AUTHORIZED AND APPROVED.

MaryBeth Murz

Opening Date:9/28/2017
 Reviewed Date:10/02/2017

BID TABULATION
 CITY OF TROY
 IRRIGATION SYSTEM AND INSTALL

ITB-COT 17-33
 Pg. 1 of 3

	Commercial Irrigation & Turf, Inc	Mid-America Golf & Landscape Inc.	
VENDOR NAME:	E. Peoria, IL	Lees Summit, MO	
CHECK #:	59088	1002532053	

Provide all labor, materials, related equipment, tools and supervision necessary for the complete installation of the irrigation system at Sylvan Glen Golf Course as per all work specified.

A component of the Lump Sum Bid shall be a (25) large turf head (Sprinklers w/Decoders) contingency. This (25) head contingency shall be bid as all components necessary to install additional head(s), as the Owner or Owner's Representative see fit. These head(s) shall include piping, fittings, swing joints, wiring, splice kits, and other incidentals necessary. This contingency does not include additional controller(s). This expense if needed will be borne by the Owner. Following will be a unit price for this contingency. This contingency shall be included in the Lump Sum Bid but the City shall reserve the right to divide the (25) contingency unit price by (25) to determine a credit, if any, at the conclusion of the project

Total for (25) Heads	\$17,275.00	\$12,875.00	
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A component of the Lump Sum Bid shall be a (10) Q.C.V. contingency. This (10) valve contingency shall be bid as all components necessary to install additional Q.C.V(s), as the Owner or Owner's Representative see fit. These valve(s) shall include piping, fittings, swing joints, and other incidentals necessary. This expense if needed will be borne by the Owner. Following will be a unit price for this contingency. This contingency shall be included in the Lump Sum Bid but the Owner shall reserve the right to divide the (10) contingency unit price by (10) to determine a credit, if any, at the conclusion of the project

Total for (10) Q.C.V	\$2,250.00	\$2,750.00	
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Mobilization	\$50,000.00	\$63,810.00	
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Contract with City allows (5) site visits- Additional site visits will be the responsibility of Contractor (plus all related and travel expenses) \$2,850.00 per site visit.

Rain Bird Full circle gear driven rotor, IC w/RB swing joint assy.	\$670.00	\$505.00	
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Rain Bird Part circle gear driven rotor, IC w/RB swing joint assy.	\$690.00	\$515.00	
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1" Quick coupler valve	\$225.00	\$275.00	
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CMF Global fusion saddle, 3"	\$110.00	\$92.70	
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CMF Global fusion saddle, 2"	\$67.00	\$73.40	
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CMF Global fusion saddle, 1 1/2"	\$67.00	\$58.10	
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Clow/AquaFuse Resilient Wedge HDPE Stub-out Isolation Valve (as specified):

3"	\$600.00	\$365.00	
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4"	\$1,000.00	\$711.00	
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6"	\$1,750.00	\$1,610.00	
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8"	\$2,100.00	\$2,420.00	
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10"	n/a	\$2,620.00	
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12"	n/a	\$3,230.00	
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14"	n/a	\$4,430.00	
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2" HDPE DR 13.5 4710 Pipe	\$3.75	\$3.35	
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3" HDPE DR 13.5 4710 Pipe	\$7.50	\$5.10	
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4" HDPE DR 13.5 4710 Pipe	\$8.75	\$6.65	
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6" HDPE DR 13.5 4710 Pipe	\$18.00	\$9.80	
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8" HDPE DR 13.5 4710 Pipe	\$20.00	\$16.20	
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10" HDPE DR 13.5 4710 Pipe	n/a	\$21.20	
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12" HDPE DR 13.5 4710 Pipe	\$39.00	\$27.10	
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BID TABULATION
 CITY OF TROY
 IRRIGATION SYSTEM AND INSTALL

VENDOR NAME:	Commercial Irrigation & Turf, Inc	Mid-America Golf & Landscape Inc.	
	E. Peoria, IL	Lees Summit, MO	
Maxi IC wire for underground burial in pipe trench (with bonding wire)	\$0.75	\$0.52	
Paige Electric ground rod assembly w/grounding gem set	\$250.00	\$77.20	
Paige Electric 36" ground plate assembly w/grounding gem set	\$375.00	\$210.00	
Paige Electric 96" ground plate assembly w/grounding gem set	\$575.00	\$380.00	
Rain Bird Maintenance Radio w/DTMF #TK3180	\$950.00	\$925.00	
Apple iPad/Verizon WiFi with central control application \$ 1,500.00 per each And LifeProof cover (Contractor to include allowance in base bid)			
Rain Bird Weather Station (as specified with grounding)	\$18,000.00	\$21,410.00	
Rain Bird Soil Sensor (as specified) 12 on base bid	\$1,000.00	\$1,330.00	
2" Bermad Air/Vacuum Relief Valve (as specified) 10 on base bid	\$800.00	\$410.00	
Sprinkler test station connection at the maintenance facility ,With wire and valve on riser	\$2,000.00	\$1,630.00	
RAIN BIRD/HDPE LUMP SUM IRRIGATION BID (COMPLETE AS PROPOSED ON THE PLANS AND IN THESE SPECIFICATIONS*)	\$1,070,500.00	\$1,509,984.66	
Rock Clause (where standard vibratory pulling or trenching/backhoe equipment cannot be utilized for installation)			
2"	Cost + 10%	\$12.00	
3"	Cost + 10%	\$13.00	
4"	Cost + 10%	\$14.00	
6"	Cost + 10%	\$18.00	
8"	Cost + 10%	\$21.00	
10"	Cost + 10%	\$24.00	
12"	Cost + 10%	\$26.00	
Note: Contractor to list the standard equipment that will be utilized on their base bid installation.			
(Vibratory Plow Model #)	RTX750 Quad Trac	Ditch Witch RT 115	
(Trenching Plow Model #)	RTX750 Quad Trac	Vermeer RTX 1250	
(Backhoe Model #)	V-1075	CAT 308	
Bid Alternates:			
ALTERNATE ADD/DELETE #1 – Removal of existing irrigation equipment(approximately 320 sprinklers)	\$3,800.00	\$7,800.00	

BID TABULATION
 CITY OF TROY
 IRRIGATION SYSTEM AND INSTALL

VENDOR NAME:

Commercial Irrigation & Turf, Inc	Mid-America Golf & Landscape Inc.	
E. Peoria, IL	Lees Summit, MO	

ALTERNATE ADD/DELETE #2 – Owner purchase all Rain Bird materials directly from distributor	\$240,000.00	\$255,585.24	
ALTERNATE ADD/DELETE #3 – Utilize PVC mainlines and HDPE laterals for hybrid piping infrastructure	\$71,000.00	\$35,620.00	
ALTERNATE ADD/DELETE #4 – Utilize PVC only piping infrastructure	\$92,000.00	\$72,400.00	
ALTERNATE ADD/DELETE #5 – Deduct Qty. (12) Soil Sensors from base bid	\$12,550.00	\$15,960.00	
ALTERNATE ADD/DELETE #6 – Deduct Sub-surface drip system from base bid – see plan	\$15,500.00	\$3,660.70	
ALTERNATE ADD/DELETE #7 – Utilize only grounding rods in lieu of ground plates (all as per manufacturers recommendation)	\$18,000.00	\$18,487.75	
ALTERNATE ADD/DELETE #8 – Watertronics radio package to communicate pump station to central controller	\$8,500.00	\$14,685.00	

Contact Information:

24 Hour Phone #:

Proposed Payment:

References:

Insurance Met:

Warranty:

Completion:

Exceptions:

Forms:

309-208-2146	816-524-0010		
As Per Bid Docs.	Net 30		
Y	Y		
Y	Y		
As Per Bid Docs.	One Year		
As Per Bid Docs.	15-May-18		
N	N		
Y	Y		

ATTEST:

Enna Bachelor

Sue Reisterer

Kurt Bovensiep

MaryBeth Murz
 Purchasing Manager



September 26, 2017

Addendum 1

ITB-COT 17-33

Irrigation System Sylvan Glen Golf Course

Page 1 of 2

To All Bidders:

Please be advised that the City of Troy Purchasing Department has authorized the following ANSWERS TO QUESTIONS regarding Bid Proposal ITB-COT 17-33, Irrigation System - Sylvan Glen Golf Course. The CHANGES will be considered an integral part of the original proposal documents.

QUESTION: In the Instructions to Bidders item #2 states "Municipalities are exempt from State and Federal Taxes. Do not include such taxes in the proposal figure..... The following exception shall apply to installation projects, when sales tax is charged to the successful bidder for material to be installed during the project, that cost shall be included in the unit cost bid and not be charged as a separate line item. The City is not tax exempt in this case and cannot issue an exemption certificate".

ANSWER: *Materials* for this project is taxable and the cost detailed in the bid response shall include tax.

QUESTION: In regards to Alternate #4 PVC only piping; what type of service tees shall be used for sprinkler head and quick coupler installation i.e. SDR-21 gasket joint service tees or SCH-80 solvent weld service tees?

ANSWER: All service tees shall be Schedule 80 as specified for PVC applications.

QUESTION: The specifications state that NO weather days will be considered for extension of final completion date without prior owner approval. What will constitute an approved weather day?

ANSWER: If weather conditions are causing lower productivity and unnecessary damage then it could be considered a weather day.

QUESTION: In regards to the Base Bid; the availability of HDPE pipe is likely to be an issue. Will delays in material availability be considered for extension of final completion date?

ANSWER: The City would consider extending the final completion date if the delays in material was noted as an exception.

QUESTION: On holes #9 and #10 there is existing HDPE pipe under the creek. Is it the intention to reuse this pipe? If so, is there a wire sleeve under the creek in those locations? It appears as though there are creek crossings on hole #4 and hole #7. There are details for both hanging from bridge and boring, which is the preferred method to cross the creeks?

ANSWER: Boring is the Owner's preferred method for creek crossings however, it is not mandatory.



September 26, 2017
Addendum 1
ITB-COT 17-33
Irrigation System Sylvan Glen Golf Course
Page 2 of 2

QUESTION: Will a #6 AWG bonding wire be required to be installed above all decoder cable as per detail on page LI-3, including laterals (roughly 67,000 feet)?

ANSWER: #6 AWG bonding wire as per detail is not required for this project.

QUESTION: Do you have an idea of the Soil Sensor locations, so that we can determine how many Dataloggers and Repeaters will be required?

ANSWER: Contractor to include (12) soil sensors, (4) Dataloggers and (3) repeaters in the Base Bid.

NOTE: Bid to include 3 years GSP Services with Central Operating System.

I, the undersigned Bidder, have read this addendum and have integrated the changes into the Bid Proposal documents for ITB-COT 17-33, **Irrigation System – Sylvan Glen Golf Course**. All other items in the original proposal document remain the same. This addendum should be attached to the top of the proposal packet at the time of submission on or before Thursday, September 28, 2017 at 10:00 A.M., **EST** in the Office of the City Clerk.

COMPANY: Commercial Irrigation & Turf, Inc.

NAME OF REPRESENTATIVE:
Dan Aeschliman, President

SIGNATURE OF AUTHORIZED REPRESENTATIVE:  (Print)

ADDRESS: 109 Commercial Drive
East Peoria, IL 61611

DATE: 9/27/2017



**CITY OF TROY
BID PROPOSAL**

ITB-COT 17-33
Page 1 of 12

The undersigned proposes to **INSTALL THE IRRIGATION SYSTEM AT SYLVAN GLEN GOLF COURSE** in accordance with the attached bid specifications that are to be considered an integral part of this proposal, at the following prices:

COMPANY NAME: Commercial Irrigation & Turf, Inc

The bid document contains the following sections:

Instructions to Bidders (2 pages)	Consent of Surety - Sample (1 page)
Bid Proposal (12 pages)	Specifications – Irrigations System – Sylvan Glen Golf Course (23 pages)
Forms (8 forms)	Drawings – (6 pages)
Public Act 57 (2 pages)	Sample Insurance Certificate and Additional Insured Endorsements (3 pages)
	Statement of No Bid (1 page)

PROPOSALS: The undersigned as bidder declares that he/she having examined the specifications and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including availability of materials and labor, hereby proposes to furnish all labor, equipment materials, and supplies, to complete the program in accordance with the bid specifications, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this Proposal is part.

BID PROPOSAL: Provide all labor, materials, related equipment, tools and supervision necessary for the complete installation of the Irrigation System at Sylvan Glen Golf Course as per all work herein described.

THE UNDERSIGNED BIDDER declares that he has examined the Drawings, Specifications and Contract Documents attached hereto, the location of the proposed work to be done, the conditions affecting the work, and is fully advised as to the extent and character of the work hazards, labor, transportation and all other factors which apply.

THE UNDERSIGNED FURTHER DECLARES that he has been regularly engaged in irrigation installation work for at least twelve years and has installed twelve complete irrigation systems on 18-hole golf courses in the last three years of size and difficulty similar to this project.

THE UNDERSIGNED FURTHER DECLARES that he is the only person interested in the said bid; that it is made without any connection with any person or persons making another bid for the same contract; that the bid is in all respects fair and without collusion, fraud or misrepresentation, and,

HEREBY PROPOSE to furnish all materials, tools, plants, equipment and all necessary labor and supervision required to construct, install, and to complete the work as stipulated in, required by, and in accordance with these Contract Documents and all addenda issued by the Owner and attached hereto, and the plans referred to them.

UNIT PRICES

All Bidders must provide Unit Prices in this section for all items. Include the following unit price and alternate information with the bid forms under separate section.

The undersigned agrees, **if changes to the project** are required and approved in accordance with requirements of the Contract Documents, that the cost of such changes will be determined on the basis of the following Unit Prices taken times the actual quantity of such materials, installed as a result of such change as measured by the Irrigation Consultant. **The undersigned further agrees that each Unit Price include the cost of all labor, material, overhead, profit, insurance, and all other incidentals required to cover the completion of the work of that Unit Price item in accordance with the Drawings, Specifications and Contract Documents, including excavating, trenching and backfilling unless otherwise indicated, the sum of the unit pricing does not equal the total of the lump sum irrigation bid.**

A component of the Lump Sum Bid shall be a (25) **large turf head (Sprinklers w/Decoders)** contingency. This (25) head contingency shall be bid as all components necessary to install additional head(s), as the Owner or Owner's Representative see fit. These head(s) shall include piping, fittings, swing joints, wiring, splice kits, and other incidentals necessary. This contingency does not include additional controller(s). This expense if needed will be borne by the Owner. Following will be a unit price for this contingency. **This contingency shall be included in the Lump Sum Bid but the City shall reserve the right to divide the (25) contingency unit price by (25) to determine a credit, if any, at the conclusion of the project**

\$ \$17,275.00(25) heads

A component of the Lump Sum Bid shall be a (10) **Q.C.V.** contingency. This (10) valve contingency shall be bid as all components necessary to install additional Q.C.V(s), as the Owner or Owner's Representative see fit. These valve(s) shall include piping, fittings, swing joints, and other incidentals necessary. This expense if needed will be borne by the Owner. Following will be a unit price for this contingency. **This contingency shall be included in the Lump Sum Bid but the Owner shall reserve the right to divide the (10) contingency unit price by (10) to determine a credit, if any, at the conclusion of the project**

\$ 2,250 (10) Q.C.V

COMPANY NAME: Commercial Irrigation & Turf, Inc

Mobilization		\$ <u>50,000</u> site
Contract with City allows (5) site visits – Additional site visits will be the responsibility of Contractor (plus all related and travel expenses)		\$ 2,850.00 per site visit
Rain Bird Full circle gear driven rotor, IC w/RB swing joint assy.		\$ <u>670</u> per each
Rain Bird Part circle gear driven rotor, IC w/RB swing joint assy.		\$ <u>690</u> per each
1" Quick coupler valve		\$ <u>225</u> per each
CMF Global fusion saddle, 3"		\$ <u>110</u> per each
CMF Global fusion saddle, 2"		\$ <u>67</u> per each
CMF Global fusion saddle, 1 1/2"		\$ <u>67</u> per each
Clow/AquaFuse Resilient Wedge HDPE Stub-out Isolation Valve (as specified)	3"	\$ <u>600</u> per each
	4"	\$ <u>1000</u> per each
	6"	\$ <u>1750</u> per each
	8"	\$ <u>2100</u> per each
	10"	\$ <u>N/A</u> per each
	12"	\$ <u>N/A</u> per each
	14"	\$ <u>N/A</u> per each
2" HDPE DR 13.5 4710 Pipe		\$ <u>3.75</u> per lin. Ft
3" HDPE DR 13.5 4710 Pipe		\$ <u>7.50</u> per lin. Ft
4" HDPE DR 13.5 4710 Pipe		\$ <u>8.75</u> per lin. Ft
6" HDPE DR 13.5 4710 Pipe		\$ <u>18.00</u> per lin. Ft
8" HDPE DR 13.5 4710 Pipe		\$ <u>20.00</u> per lin. Ft
10" HDPE DR 13.5 4710 Pipe		\$ <u>N/A</u> per lin. Ft
12" HDPE DR 13.5 4710 Pipe		\$ <u>39.00</u> per lin. Ft
Maxi IC wire for underground burial in pipe trench (with bonding wire)		\$ <u>.75</u> per lin. Ft
Paige Electric ground rod assembly w/grounding gem set		\$ <u>250</u> per each
Paige Electric 36" ground plate assembly w/grounding gem set		\$ <u>375</u> per each
Paige Electric 96" ground plate assembly w/grounding gem set		\$ <u>575</u> per each
Rain Bird Maintenance Radio w/DTMF #TK3180		\$ <u>950</u> per each
Apple iPad/Verizon WiFi with central control application And LifeProof cover (Contractor to include allowance in base bid)		\$ 1,500.00 per each
Rain Bird Weather Station (as specified with grounding)		\$ <u>18,000</u> per each
Rain Bird Soil Sensor (as specified) 12 on base bid		\$ <u>1,000</u> per each

COMPANY NAME: Commercial Irrigation & Turf, Inc.

2" Bermad Air/Vacuum Relief Valve (as specified) 10 on base bid \$ 800 per each
 Sprinkler test station connection at the maintenance facility \$ 2,000 per each
 With wire and valve on riser

RAIN BIRD/HDPE LUMP SUM IRRIGATION BID \$ 1,070,500.00
(COMPLETE AS PROPOSED ON THE PLANS AND IN THESE SPECIFICATIONS*)

**All lump sum bids shall include all applicable fees and permits.*

Rock Clause (where standard vibratory pulling or trenching/backhoe equipment cannot be utilized for installation)

2"	\$ <u>COST+10%</u> per lin. Ft
3"	\$ <u>COST + 10%</u> per lin. Ft
4"	\$ <u>COST+10%</u> per lin. Ft
6"	\$ <u>COST+10%</u> per lin. Ft
8"	\$ <u>COST+10%</u> per lin. Ft
10"	\$ <u>COST+10%</u> per lin. Ft
12"	\$ <u>COST+10%</u> per lin. Ft

Note: Contractor to list the standard equipment that will be utilized on their base bid installation.

<u>RTX750 Quad Trac</u>	(Vibratory Plow Model #)
<u>RTX750 Quad Trac</u>	(Trenching Plow Model #)
<u>V-1075</u>	(Backhoe Model #)

Bid Alternates:

ALTERNATE ~~ADD~~ DELETE #1 – Removal of existing irrigation equipment (approximately 320 sprinklers) \$ 3,800

ALTERNATE ~~ADD~~ DELETE #2 – Owner purchase all Rain Bird materials directly from distributor \$ 240,000

ALTERNATE ~~ADD~~ DELETE #3 – Utilize PVC mainlines and HDPE laterals for hybrid piping infrastructure \$ 71,000

ALTERNATE ~~ADD~~ DELETE #4 – Utilize PVC only piping infrastructure \$ 92,000

ALTERNATE ~~ADD~~ DELETE #5 – Deduct Qty. (12) Soil Sensors from base bid \$ 12,550

COMPANY NAME: Commercial Irrigation & Turf, Inc.

ALTERNATE ADD/DELETE #6 – Deduct Sub-surface drip system from base bid – see plan

\$ 15,500

ALTERNATE ADD/DELETE #7 – Utilize only grounding rods in lieu of ground plates (all as per manufacturers recommendation)

\$ 18,000

ALTERNATE ADD/DELETE #8 – Watertronics radio package to communicate pump station to central controller

\$ 8,500

All requests for changes resulting in addenda must be submitted to the Irrigation Consultant no later than 10 days prior to bid due date and acknowledged as follows:

Addenda

The undersigned acknowledges receipt of the following addenda, copies that are attached hereto:

No. #1 9/26/2017 Dated No. _____ Dated

No. _____ Dated No. _____ Dated

LOCATION:

Sylvan Glen Golf Course is located at 5725 Rochester Road South, Troy, MI 48085.

The anticipated City Council Award Date is October 9, 2017.

FINAL COMPLETION DATE: Shall be no later than May 15, 2018 and shall include final restoration.

INSTALLATION DATES:

Irrigation installation work shall commence within (1) week of bid award and notification to proceed (estimated start date October 16, 2017) with installation 100% complete by May 15, 2018. Weather days shall only be added to the schedule if approved by the Owner and/or the Owner's Representative. No weather days will be allowed for addition to completion date unless prior approval has been granted.

COMPANY NAME: Commercial Irrigation & Turf, Inc.

UNIT PRICES:

Unit prices prevail. The City of Troy Purchasing Department will correct all mathematical errors.

PREVAILING WAGE PROJECT:

This is not a prevailing wage project.

ADDITIONAL INFORMATION:

For additional information or questions concerning this project, please contact Mr. Kurt Bovensiep, Public Works Director at (248) 524-3489 or k.bovensiep@troymi.gov between the hours of 8:00 a.m. to 4:00 p.m., Monday through Friday.

Golf Course Superintendent:

Jim Vandenberghe
Sylvan Glen Golf Course
5725 Rochester Road South
Troy, MI 48085
Phone: 248-310-5716

Irrigation Consultant:

Erik Christiansen
EC Design Group, Ltd.
400 – 5th Street
West Des Moines, IA 50265
Phone: 515-225-6365
Fax: 515-225-6366

SITE INSPECTIONS:

All bidders should examine the site to determine the amount and scope of work to be performed as per the bid specifications. If the bidder does not make a site inspection, that bidder accepts full responsibility and risk for any errors or omissions in his/her bid proposal.

PERMITS:

All work performed must meet City and State Code. The Contractor shall obtain all applicable and required permits and arrange for inspections. Applicable permits may be obtained by going to the City of Troy Building Department located on the second floor of City Hall. All Permit fees will be waived.

BID DEPOSIT AND FORFEITURE:

The bid deposit of the lowest bidder shall be forfeit if, after bid opening, a change in the bid price or other provision of the bid is required by the bidder that is prejudicial to the interest of the City of Troy or fair competition.

AWARD:

The evaluation and award of this bid shall be a combination of factors, including but not limited to: cost, professional competence, equipment, references, and the correlation of the bid proposal submitted to the needs of the City of Troy.

The City of Troy reserves the right to award this bid to the lowest responsible bidder meeting specifications for each proposal; to combine proposals if deemed in the City's best interest to do so; to reject low bids which have major deviations from specifications; to accept a higher bid which has only minor deviations, whatever is deemed to be in the City of Troy's best interest

DOWNPAYMENTS AND PREPAYMENTS:

Any bid submitted which requires a down payment or prepayment of any kind prior to delivery of material and acceptance, as being in conformance with specifications will not be considered for award.

DELIVERY:

All materials are to be F.O.B. delivered, freight paid, to the various work sites within the City of Troy.

COMPLETION DATE:

Final Project Completion; which shall include final restoration shall be no later than May 15, 2018.

COMPANY NAME: Commercial Irrigation & Turf, Inc.

CONTACT INFORMATION:

Hours of operation: 0700-1000 24 Hr. Contact Phone No. 309-208-2146

LOCAL PREFERENCE:

The City of Troy reserves the right to award a contract to a local business, one that pays City of Troy taxes (real and/or personal), if the bid of a local vendor is within 5% of the lowest responsive and responsible non-local bidder, then the local vendor is given one chance to match the low bid.

PURCHASE ORDER:

After the Troy City Council has approved the award, the City of Troy Purchasing Department will send an award letter to the successful bidder(s). The successful bidder(s) once notified, will be required to submit the specified bonds. A purchase order will be issued in approximately one-week and released, once acceptable bonds and insurance are received. A purchase order issued in conjunction with the Contract Form (provided in the Forms Section) from the City of Troy will create a bilateral contract between the parties, and the successful bidder(s) shall commit to perform the contract in accordance with specifications.

CONTRACT FORMS:

Bidders should complete the Legal Status of Bidder, Non-Collusion Affidavit, Certification regarding Debarment and the Certification regarding Iran linked Business forms and return with your bid proposal.

CONTRACT TERMINATION: The City of Troy shall reserve the right to terminate the contract upon written notice due to poor performance. The City of Troy designated representative will be solely responsible for determining acceptable performance levels. His/her decision will be deemed in the City of Troy's best interest and will be final. The City of Troy reserves the right to re-award the contract to the next low bidder or re-bid the contract.

TERMINATION FOR CONVENIENCE:

The City may cancel the contract for its convenience, in whole or in part, by giving the contractor written notice 30 days prior to the date of cancellation. If the City chooses to cancel this contract in part, the charges payable under this contract shall be equitably adjusted to reflect those services that are cancelled.

PROGRESS PAYMENTS:

The City of Troy will consider a progress payment schedule for work as completed in accordance with specifications. (See Supplemental General Conditions, page 1 of 2 and General Conditions, Section 7; page 6 of 10). The Project Construction Manager will have final approval of the schedule as presented. No payments for work will be made until the designated City representative approves the work as complete in accordance with specifications. Prior to release of the final payment, consent of surety document (A1A Document G707) will be required and signed by the surety Company. The City of Troy reserves the right to reject the payment schedule if deemed necessary, and determine the final schedule.

Proposed Payment
Schedule As Per Bid Documents

(Please submit an attachment identified as _____ if more space is necessary.)

COMPANY NAME: Commercial Irrigation & Turf, Inc.

REFERENCES:

The City of Troy requires that your company list at least three (3) locations, listing names of owners, addresses, and phone numbers where they have recently completed similar work in the last three (3) years.

OWNER: City of La Porte Indiana
ADDRESS: 2222 Woodlawn Dr.
PHONE: 219-313-7267 CONTACT: Kyle Cashmer
EMAIL: cashmer@pga.com

OWNER: City of Twinsburg Ohio
ADDRESS: 2615 Glenwood Twinsburg, Ohio 44087
PHONE: 330-714-2586 CONTACT: Jim Roberts
EMAIL: jroberts@twinsburg.oh.us

OWNER: Metamora Fields, LLC.
ADDRESS: 801 W. Progressive St. 61548
PHONE: 318-623-6674 CONTACT: Ryan McCavitt
EMAIL: _____

MICHIGAN CONSTRUCTION LIEN ACT:

The bidder agrees that, if awarded the Contract he/she will abide by all requirements of the Michigan Construction Lien Act (P.A. 1980, No. 497) as amended and effective March 1, 1982, and to provide full and complete Sworn Statements on Owner-approved forms.

PUBLIC ACT 57:

Public Act 57 requires contractors to provide certain notices to governmental entities concerning improvements on real property; to allow for modifications of contracts for improvement of real property; to provide for remedies; and to repeal acts and parts of acts. This contract shall comply with all applicable provisions of Public Act 57 [a copy of the act is attached for reference (2 pages)].

BOND SUBMITTAL:

Subsequently, upon notice of award to the successful bidder, the Contractor shall qualify for, sign, and deliver to the City of Troy an executed Performance Bond, an executed Labor and Materials Payment Bond, and an executed one-year Maintenance Bond secured by a surety company, acceptable to the City of Troy by being licensed to do business in Michigan, and be included on the U. S. Treasury Department Surety List and/or have a rating of A (-) or better by A. M. Best, and/or Standard and Poor, on standard AIA forms, each in the amount of one hundred percent (100%) of the contract sum. Attorneys-in-fact who sign such bonds must attach a certified copy of their Power of Attorney when the bonds are submitted.

SUBCONTRACTORS:

The undersigned agrees to submit a list of proposed subcontractors, if applicable, for approval by the designated City representative within 72 hours after notification of being the low qualified bidder. The Contractor shall list the name and address of the proposed Subcontractors and sub-subcontractors when required by the City. Approval of a Subcontractor or sub-subcontractors will not be given unless and until it is determined by the City that he/she is qualified to perform the type and magnitude of work proposed and shall have executed a Subcontract or sub-subcontract in a form acceptable to the City. It will be understood that this may occur prior to bid award, but the bidder's status will not be final until approved by the Troy City Council.

The Contractor shall abide by the provisions set forth therein. Any item of work performed by other than the Contractor or approved Subcontractors will be considered as unauthorized and shall not be paid for under the provision of the Contract.

COMPANY NAME: Commercial Irrigation & Turf, Inc

COMPLETION SCHEDULE:

The work shall commence upon City Council Approval. A work schedule shall be provided to the designated City Representative, Mr. Kurt Bovensiep, Public Works Director. The designated City Representative shall approve the work schedule prior to the start of the project. His/her decision as to acceptability shall be deemed in the City of Troy's best interest. The City of Troy is the only party to this contract that may authorize amendment of this schedule. The contractor is required to start the project within 10 working days after notification to proceed.

IMPORTANT INFORMATION:

The City shall have the right to require by written order, changes in, additions to, or deductions from the work required by the Contract Documents provided that if changes, additions, or deductions are made, the general character of the work as a whole is not changed thereby. Adjustments in the Contract price, if any, because of any change, addition, or deduction in the work, shall be determined as hereinafter provided, and any claim for extension of time for completion shall be adjusted at the time of ordering the change, addition, or deduction. No claim for change, addition, or deduction, or adjusting of price, or extension of time for completion thereof, shall be made or allowed unless done in pursuance of written order from the City specifically authorizing such change, addition, or deduction. Drawings without a written order shall not be considered such authority. Written notice of such claims shall be made to the designated City representative before the commencement of the work. Where the written order diminishes the quality of work to be done, this shall not constitute a basis for a claim for damages or anticipated profits on the work that may be dispensed with.

COMPANY NAME: Commercial Irrigation & Turf, Inc.

Insurance requirements shall be in accordance with the attached **SAMPLE INSURANCE CERTIFICATE** and **ENDORSEMENT**. The required Insurance Certificate and Endorsement must be submitted to the city within 5 days of the verbal/ electronic request after the bid award. The Insurance Certificate and Endorsement may be faxed to the Purchasing Office at (248) 619-7608, and is the only bid document accepted in this format.

The contractor, or any of their subcontractors, shall not commence work under this contract until they have obtained the insurance required, and shall keep such insurance in force during the entire life of this contract. All coverage shall be with insurance companies licensed and admitted to business in the State of Michigan and acceptable to the City of Troy. The requirements below should not be interpreted to limit the liability of the Contractor. All deductibles and self-insured retentions (SIR's) are the responsibility of the Contractor.

- () We can meet the specified insurance requirements.
- () ~~We cannot meet the specified insurance requirements.~~
- () ~~We do not carry the specified limits but can obtain the additional insurance coverage of \$ _____, at the cost of \$ _____.~~
~~NOTE: Please note the amendments on a sample insurance certificate and attach it to your bid proposal.~~
- () ~~Our proposal is reduced by \$ _____ if we lower the requirement to \$ _____.~~
~~NOTE: Please note the amendments on a sample insurance certificate and attach it to your bid proposal.~~

IMPORTANT: A Certificate of Insurance on an ACORD Form showing present coverage as well as the required endorsements SHALL be attached to the proposal document at the time of submission of the proposal to the Office of the City Clerk.

NOTE: Failure on the part of any bidder to contact his/her insurance carrier to verify that the insurance carried by the bidder meets City of Troy specifications may result in this proposal being completed incorrectly.

OTHER: Sole proprietors must execute a certificate of exemption from Worker's Compensation requirements or provide proof of Worker's Compensation Insurance. All coverage shall be with insurance carriers licensed and admitted to do business in Michigan in accordance with all applicable statutes of the State of Michigan and acceptable to the City of Troy.

INSURANCE VERIFICATION:

A bidder shall complete the above portion, which details additional costs that may be incurred for specified coverage without purchasing the additional coverage prior to bid submission.

WORKERS' COMPENSATION INSURANCE, including Employers' Liability Coverage, in accordance with all applicable statutes of the State of Michigan.

COMMERCIAL GENERAL LIABILITY INSURANCE on an "Occurrence Basis" with limits of liability not less than \$1,000,000.00 per occurrence and aggregate. Coverage shall include the following extensions: (A) Contractual liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Broad Form General Liability Extensions or equivalent, if not already included; (E) Deletion of all Explosion, Collapse, and Underground (XCU) Exclusions, if applicable.

AUTOMOBILE LIABILITY, including Michigan No-Fault Coverages, with limits of liability not less than \$1,000,000.00 per occurrence combined single limit for Bodily Injury, and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

COMPANY NAME: Commercial Irrigation & Turf, Inc.

ADDITIONAL INSURED:

Commercial General Liability and Automobile Liability, as described in the attached SAMPLE shall include an Additional Insured Endorsement stating the following shall be **Additional Insureds**: The City of Troy including all elected and appointed officials, all employees and volunteers, all boards, commissions, and/or authorities and council members, including employees and volunteers thereof. It is understood and agreed by naming the City of Troy as additional insured, coverage afforded is considered to be primary and any other insurance the City of Troy may have in effect shall be considered secondary and/or excess.

CANCELLATION NOTICE:

All policies, as described above, shall include an endorsement stating that it is understood and agreed that Thirty (30) days, Ten (10) days for non-payment of premium, Advance Written Notice of Cancellation, Non-Renewal, Reduction, and/or Material Change shall be mailed to:

City of Troy
Purchasing Manager
500 West Big Beaver
Troy, MI 48084

PROOF OF INSURANCE COVERAGE:

The Contractor shall provide the City of Troy, at the time that the contracts are returned by him/her for execution, a Certificate of Insurance as well as the required endorsements. In lieu of required endorsements, if applicable, a copy of the policy sections where coverage is provided for additional insured and cancellation notice would be acceptable. Copies or certified copies of all policies mentioned above all shall be furnished, if so requested.

If any of the applicable coverages expire during the term of this contract, the Contractor shall deliver renewal certificates and endorsements to the City of Troy at least ten (10) days prior to the expiration date.

LETTER VERIFICATION:

The recommended bidder will be notified to submit a letter from the *insurance agent or carrier* that the insurance to be supplied will meet specifications. As an alternative, the recommended bidder may submit the certificate of insurance meeting specifications at this time at his/her option. ***The City must receive this letter or certificate within 5 business days after verbal / electronic notification has been delivered to the recommended bidder or the bidder will be considered non-responsive and the bid un-awardable.*** This process will occur before presentation of the award recommendation to the Troy City Council.

FINAL INSURANCE CERTIFICATE SUBMISSION:

After approval by Troy City Council, the City's Purchasing Manager will review the insurance certificates and endorsements to ensure all acceptable documents have been received and allow (5) business additional days after verbal / electronic notification to submit final insurance certificate(s) in accordance with specifications. The City of Troy reserves the right to WITHHOLD AND KEEP any bid surety for failure to comply. The company will be considered in default of contract and will be barred from doing business with the City of Troy for a minimum of three (3) years for failing to meet insurance requirements.

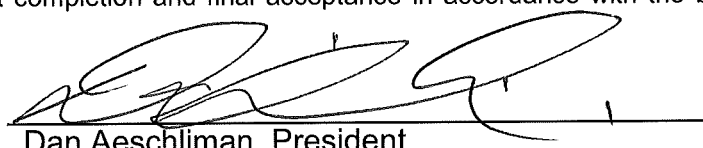
COMPANY NAME: Commercial Irrigation & Turf, Inc.

SIGNATURE PAGE

PRICES:

Prices shall remain firm for 60 days or bid award, whichever comes first, except the successful bidder(s) whose prices shall remain firm through project completion and final acceptance in accordance with the bid specifications.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE:



Dan Aeschliman, President

NOTE: The undersigned has checked carefully the bid figures and understands that he/she shall be responsible for any error or omission in this bid offer and is in receipt of all addenda as issued.

TAX ID: 37-1226066

COMPANY: Commercial Irrigation & Turf, Inc.

ADDRESS: 109 Commercial Dr CITY: E. Peoria STATE: IL ZIP: 61611

PHONE: (309) 698-3011 FAX NUMBER: (309) 698-1702

REPRESENTATIVE NAME: Dan Aeschliman

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE:

PAYMENT TERMS: As Per Bid Documents WARRANTY: As per Bid Documents

CHECK INCLUDED: As Per Bid Documents COMPLETION: As Per Bid Documents

EMAIL: dan@comirr.com

EXCEPTIONS:

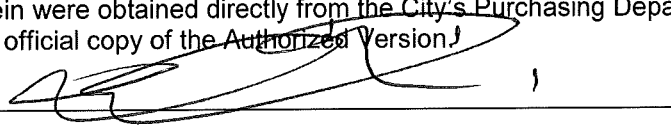
Any exceptions, substitutions, deviations, etc. from the City of Troy specifications and this bid proposal must be stated below. The reason for the exception(s), deviation(s), substitution(s), are an integral part of this bid offer.

None

ACKNOWLEDGEMENT:

I, Dan Aeschliman, certify that I have read the **Instructions to Bidders** (2 Pages) and that the bid proposal documents contained herein were obtained directly from the City's Purchasing Department or the MITN website, www.mitn.info and is an official copy of the Authorized Version.

SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE:



IMPORTANT: All City of Troy purchases require a MATERIAL SAFETY DATA SHEET, where applicable, in compliance with the MIOSHA "Right to Know" Law. Please include a copy of any relevant SDS at the time of bid submission.

NOTE: The City of Troy, at their discretion, may require the bidder(s) to supply a Financial Report from an impartial Financial Credit Reporting Service before award of contract.

US FUNDS: All prices are to be quoted in U. S. Currency.



CITY OF TROY
OAKLAND COUNTY, MICHIGAN
NON-COLLUSION AFFIDAVIT

TO WHOM IT MAY CONCERN:

Dan Aeschliman, being duly sworn deposed, says that he/she
(Print Full Name)

is President. The party making the foregoing proposal or bid,
(State Official Capacity in Firm)

that such bid is genuine and not collusion or sham; that said bidder has not colluded, conspired, connived, or agree, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding and has not in any manner directly or indirectly sought by agreement or collusion, or communication or conference, with any person to fix the bid price or affiant or any other bidder, or to fix any overhead, profit, or cost element of said bid price, or that of any other bidder, or to secure the advantage against the City of Troy or any person interested in the proposed contract; and that all statements contained in said proposal or bid are true.

SIGNATURE OF PERSON SUBMITTING BID



Mary Edgington
NOTARY'S SIGNATURE

Subscribed and sworn to before me this 26th day of September, 2017 in and for Tazwell County.

My commission expires:
10/05/2020



Legal Status of Bidder:

The Bidder shall fill out the appropriate form and strike out the other two:

A corporation duly organized and doing business under the laws of the State of Illinois for whom Dan Aeschliman, bearing the office title of President, whose signature is affixed to this proposal, is duly authorized to execute contracts.

~~A partnership, all members of which, with addresses, is:~~

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

~~AN INDIVIDUAL, WHOSE SIGNATURE IS AFFIXED TO THE PROPOSAL:~~

_____	_____
-------	-------



**CERTIFICATION REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The prospective participant certifies, to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in transactions under any non-procurement programs by any federal, state or local agency.
2. Have not, within the three year period preceding, had one or more public transactions (federal, state, or local) terminated for cause or default; and
3. Are not presently indicted or otherwise criminally or civilly charged by a government entity (federal, state, or local) and have not, within the three year period preceding the proposal, been convicted of or had a civil judgment rendered against it:
 - a. For the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public transaction (federal, state, or local), or a procurement contract under such a public transaction;
 - b. For the violation of federal, or state antitrust statutes, including those proscribing price fixing between competitors, the allocation of customers between competitors, or bid rigging; or
 - c. For the commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

I understand that a false statement on this certification may be grounds for the rejection of this proposal or the termination of the award. In addition, the general grant of this authority exists within the City's Charter, Chapter 12, Section 12.2- Contracts.

I am able to certify to the above statements.

Commercial Irrigation & Turf, Inc.

Name of Agency/Company/Firm (Please Print)

Dan Aeschliman, President

Name and title of authorized representative (Please Print)

Signature of authorized representative
Date 09/26/2017

~~I am unable to certify to the above statements. Attached is my explanation.~~



**VENDOR CERTIFICATION
THAT IT IS NOT AN
"IRAN LINKED BUSINESS"**

Pursuant to Michigan law, (the Iran Economic Sanctions Act, 2012 PA 517, MCL 129.311 et seq.), before accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must first certify that it is not an "IRAN LINKED BUSINESS", as defined by law.

Vendor	
Legal Name	Commercial Irrigation & Turf, Inc.
Street Address	109 Commercial Drive
City	East Peoria
State, Zip	Illinois 61611
Corporate I.D. Number/State	N/A
Taxpayer I.D. #	37-1226066

The undersigned, with: 1.)full knowledge of all of Vendors business activities, 2.)full knowledge of the requirements and possible penalties under the law MCL 129.311 et seq. and 3.) the full and complete authority to make this certification on behalf of the Vendor, by his/her signature below, certifies that: the Vendor is NOT an "IRAN LINKED BUSINESS" as require by MCL 129.311 et seq., and as such that Vendor is legally eligible to submit a bid and be considered for a possible contract to supply goods and/or services to the City of Troy.

Signature of Vendor's Authorized Agent:



Printed Name of Vendor's Authorized Agent:

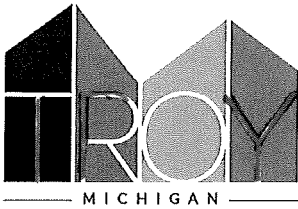
Dan Aeschliman

Witness Signature:



Printed Name of Witness:

Mary Edgington



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: October 4, 2017

To: Brian Kischnick, City Manager

From: MaryBeth Murz, Purchasing Manager
Tom Darling, Director of Financial Services
Mark Miller, Director of Economic and Community Development
Elaine Bo, Recreation Director
Kurt Bovensiepe, Public Works Director

Subject: Standard Purchasing Resolution 2 - Low Bidder meeting Specifications - Sylvan Glen Irrigation Installation and Budget Amendment, Professional Services Contract and Budget Amendment

History

- The current irrigation system is original to the Sylvan Glen Golf Course, which makes it over 50 years old.
- The current irrigation system has become obsolete and is difficult to obtain parts.
- The concrete asbestos mainline pipes and lateral lines have served its useful life, which is evident by frequent breaks during the peak growing season.
- The current water supply for irrigation is Sylvan Glen Lake.
- The existing single row irrigation will be replaced with double row irrigation.
- The new irrigation will include all new piping, rotors, valves, and swing joints.
- The new control system will be a central control system that will communicate with the pumps and rotors/valves.
- The specifications called for a new weather station that will assist in determining how much water the turf needs and will also allow DPW to monitor snow depths in an undisturbed location to better assign pricing to contractors.
- Billy Casper Golf has been an integral partner in the design, product selection, bid specification development, and value engineering of the proposals

Purchasing

The bid was posted on the Michigan Inter-governmental Trade Network (MITN) website; www.mitn.info. On September 28, 2017, a bid opening was conducted as required by City Charter and Code for the Sylvan Glen Golf Course Irrigation Replacement. Two (2) bid responses were received. Below is a detailed summary of potential vendors:





500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: October 4, 2017

To: Brian Kischnick, City Manager

From: MaryBeth Murz, Purchasing Manager 
Tom Darling, Director of Financial Services
Mark Miller, Director of Economic and Community Development
Elaine Bo, Recreation Director
Kurt Bovensiepe, Public Works Director 

Subject: Standard Purchasing Resolution 2 - Low Bidder meeting Specifications - Sylvan Glen Irrigation Installation and Budget Amendment – Sylvan Glen Golf Course Fund

History

- The current irrigation system is original to the Sylvan Glen Golf Course, which makes it over 50 years old.
- The current irrigation system has become obsolete and is difficult to obtain parts.
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Companies notified via MITN	253
Troy Companies notified via MITN	3
Troy Companies - Active email Notification	2
Troy Companies - Active Free	1
Companies that viewed the bid	22
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.

Irrigation Materials and Installation

Commercial Irrigation & Turf, Inc, of E. Peoria, IL was the low bidder meeting specifications for irrigation materials and installation for a total lump sum cost of \$1,070,500. The uncertainty of material and labor pricing caused City Administration to require alternates in the bid specifications, which required bidders to provide several alternates to its proposed lump sum pricing. Listed are the alternates City Administration is recommending.

Lump Sum	\$1,070,500
Alternates	
City remove old irrigation heads	\$ (3,800)
Use of PVC mainlines	\$ (71,000)
Omit Soil Sensors	\$ (12,550)
Omit surface drip system	\$ (15,500)
Using grounding rods	\$ (18,000)
Adding radio package	\$ 8,500
Total Deductions	\$ (112,350)
Valued Engineered Total	\$ 958,150

Rain Bird Value Added

Rain Bird International - Services Division is providing several unsolicited incentives in efforts to accommodate the city's needs and financial restrictions. The incentives include an additional \$65,000 credit toward the Rain Bird products and other incentives that have significant value to the City of Troy.

Incentive	Value
Rain Bird Package Discount	\$ 65,000
Interactive Display	\$ 650
Distributor Support	\$ 4,000
Discount Off List Price	40%
On-Site Training	\$ 2,500
Professional Training Courses Travel	\$ 1,800
	\$ 73,950

Purchasing (continued)

Professional Services

EC design, an Erik Christiansen Design Group, designed and assisted in providing the specifications for the Sylvan Glen Golf Course irrigation replacement. EC design is an expert in golf course irrigation and is being recommended to manage the replacement project, provide central mapping and programming, and provide as-built drawings. City administration compared the proposed fees to many of the city's current professional services consultants and discovered EC design's pricing to be significantly lower.

Construction Support	\$	12,000
Post Construction Services	\$	3,500
GPS Mapping Grade	\$	9,000
As-Built Drawings	\$	1,850
Total Professional Service Fee	\$	26,350

Financial

Funds for the Sylvan Glen Golf Course project are budgeted in the Sylvan Glen Golf Course Fund for the total amount of \$900,000 with the associated Project Number of 2018c0054. Although the project has been valued engineered and Rain Bird has offered a considerable discount, the project exceeds the current budget amount by \$111,450.

Sylvan Glen currently has an advance receivable from Sanctuary Lake in the amount of \$3,343,230. In order to provide sufficient cash for the project, Sylvan Glen will need to exchange a portion of the advance receivable for cash with the General Fund. It is estimated that the exchange amount would be between \$800,000 to \$1,000,000. This would provide sufficient cash in the Sylvan Glen Golf Course Fund to complete the project and maintain sufficient cash reserves for operations.

Current Budget	\$	900,000
Valued Engineered Total	\$	958,150
Professional Services	\$	26,350
Rain Bird Discount	\$	(65,000)
Project Cost	\$	919,500
Contingency		10%
Total Project Cost	\$	1,011,450
Requested Budgeted Amendment	\$	111,450



CERTIFICATE OF LIABILITY INSURANCE

COMM-13

OP ID: AB

DATE (MM/DD/YYYY)

11/16/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Fortner Insurance Agency, Inc. 3304 North Prospect Road. Peoria, IL 61603 JR Runkel	CONTACT NAME: Fortner Insurance Agency, Inc.	
	PHONE (A/C, No, Ext): 309-682-0519	FAX (A/C, No): 309-682-0553
E-MAIL ADDRESS: information@fortnerins.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: ERIE Insurance Group		26263
INSURED Commercial Irrigation & Turf, Inc. 109 Commercial Dr. East Peoria, IL 61611	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		Q370158736	01/01/2017	01/01/2018	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
							Emp Ben.	\$ 1,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X		Q010141794	01/01/2017	01/01/2018	COMBINED SINGLE LIMIT (Ea accident)	\$
							BODILY INJURY (Per person)	\$ 1,000,000
							BODILY INJURY (Per accident)	\$ 1,000,000
							PROPERTY DAMAGE (Per accident)	\$ 1,000,000
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10000			Q250175443	01/01/2017	01/01/2018	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	Q855104848	01/01/2017	01/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
A	Leased Equipment			Q370158736	01/01/2017	01/01/2018	Leased Equipment	300,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The City of Troy, their elected and appointed officials, all employees and volunteers, all boards, commissions and/or authorities and council members, including employees and volunteers thereof are Additional Insured with Primary & Non-Contributory Wording.
30 Day Notice of Cancel Applies. PROJECT: Sylvan Glen Golf Course

CERTIFICATE HOLDER

CANCELLATION

City of Troy Purchasing Manager 500 West Big Beaver Troy, MI 48084	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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ERIE INSURANCE
COMMERCIAL GENERAL LIABILITY
FIVESTAR CONTRACTORS
ULTRAFLEX PACKAGE
UL-UK (Ed. 3/14) UF-B442

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES, OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

- A. **Section II – Who Is An Insured** is amended to include as an insured the person or organization shown in the Schedule in the Declarations, but only with respect to liability arising out of "your work" at the location designated and described in the schedule of this endorsement performed for that insured and included in the "products-completed operations hazard".

© ISO Properties, Inc., 2000

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ULTRAFLEX EXTRA LIABILITY COVERAGES

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

A. Damage to Premises Rented to You - Fire Legal Liability:

1. The following is added to Paragraph 1., **Insuring Agreement of Section I - Coverage A - Bodily Injury And Property Damage Liability:**

Insuring Agreement

We will pay those sums that the insured becomes legally obligated to pay as damages because of "property damage" to buildings rented to you or occupied by you.

The damage must be caused by fire; lightning; windstorm; hail; explosion; riot, civil commotion; vehicles; aircraft; smoke; vandalism; malicious mischief; water damage; or elevator collision.

2. Exclusions 2.c. through 2.n. of **Section I - Bodily Injury And Property Damage Liability** do not apply to this coverage. A separate limit of insurance applies to this coverage as described in **Section III - Limits of Insurance**.

We do not cover liability assumed by the insured except in an "insured contract".

3. Paragraph 9.a. of "insured contract" of **Section V - Definitions** is replaced by the following:

9.a. A contract for lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage by fire; lightning; windstorm; hail; explosion; riot; civil commotion; vehicles; aircraft; smoke; vandalism; malicious mischief; water damage; or elevator collision to premises while rented to you or temporarily occupied by you with permission of the owner is not an "insured contract".

B. Host Liquor Liability Coverage

The following is added to Paragraph 2.c. **Exclusions of Section I - Coverage A - Bodily Injury And Property Damage Liability:**

This exclusion does not apply to liability of the insured or the indemnitee of the insured arising out of the giving or serving of alcoholic beverages at functions incidental to your business, provided you are not engaged in the business of manufacturing, distributing, selling, or serving of alcoholic beverages.

C. Non-Owned Watercraft

Paragraph 2.g.2)a) **Exclusions of Section I - Coverage A - Bodily Injury And Property Damage Liability** is replaced by the following:

This exclusion does not apply to a watercraft that you do not own that is less than 51 feet long.

D. Incidental Medical Malpractice

1. The following is added to Paragraph 1., **Insuring Agreement of Section I - Coverage A - Bodily Injury And Property Damage Liability:**

We will pay those sums that the insured becomes legally obligated to pay as damages because of "bodily injury" arising from "incidental medical malpractice injury".

2. The following is added to Paragraph 2. **Exclusions of Section I - Coverage A - Bodily Injury And Property Damage:**

This insurance does not apply to:

- a. Expenses incurred by the insured for first aid to others at the time of an accident.
- b. "Bodily injury" arising from any insured if the insured is engaged in the business or occupation of providing the following services:
 - 1) Diagnostic, medical, surgical, dental, x-ray, or nursing service or treatment or the furnishing of food or beverages in connection with the service or treatment;
 - 2) Ambulance, paramedical, rescue squad, or other service or treatment conducive to health;
 - 3) The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances; or
 - 4) Health or therapeutic service, treatment, advice, or instruction.

c. "Bodily injury" arising from any indemnitee if the indemnitee is engaged in the business or occupation of providing the following services:

- 1) Diagnostic, medical, surgical, dental, x-ray, or nursing service or treatment or the furnishing of food or beverages in connection with the service or treatment;
- 2) Ambulance, paramedical, rescue squad, or other service or treatment conducive to health;
- 3) The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances; or
- 4) Health or therapeutic service, treatment, advice, or instruction.

3. The following is added to **Section V - Definitions**:

"Incidental medical malpractice injury" means injury arising out of the rendering of or failure to render, during the policy period, the following services:

- a. Diagnostic, medical, surgical, dental, x-ray, or nursing service or treatment, or the furnishing of food or beverages in connection with the service or treatment; or
- b. The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances.

E. Volunteer Workers - Medical Payments

The following is added to Paragraph 1. **Insuring Agreement of Section I - Coverage C - Medical Payments**:

We will pay medical expenses for "bodily injury" sustained by your volunteer workers caused by an accident while engaged in any of your insured activities.

F. Attorney's Fees

The following is added to **Section I - Supplementary Payments - Coverages A and B**:

All reasonable attorneys' fees up to \$100 which the insured incurs because of arrest resulting from an accident involving "mobile equipment" covered by this policy.

G. Municipal Supervisors

The following is added to **Section II - Who Is An Insured**:

Supervisors, if you are a municipality.

H. The following is added to the definition of "products-completed operations hazard" of **Section V - Definitions**:

Includes all "bodily injury" and "property damage" arising out of "your product" if your business includes the handling or distribution of "your product" for consumption on premises you own or rent.

I. Waiver of Subrogation

Transfer of Right of Recovery Against Others to Us - Section IV - Conditions is replaced by the following:

We waive any right of recovery we may have against the additional insured because of payments we have made under this Coverage Part. However, our rights may only be waived prior to the "bodily injury" or "property damage" caused by the "occurrence" which we have made payments under this Coverage Part.

The insured must do nothing after a loss to impair our rights. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce these rights.

J. Primary and Non-Contributory Insurance

The following is added to Paragraph 4. - **Other Insurance of Section IV - Conditions**:

Where required by a written contract or agreement, this insurance is primary and non-contributory as respects any other insurance policy issued to the additional insured, and such other insurance policy shall be excess or non-contributing, whichever applies, with this insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED - OWNERS, LESSEES, OR CONTRACTORS -
AUTOMATIC STATUS WHEN REQUIRED IN CONSTRUCTION
AGREEMENT WITH YOU – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

A. Section II - Who Is An Insured is amended to include as an additional insured any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy. Such person or organization is an additional insured only with respect to liability for "bodily injury" and "property damage" caused in whole or in part, by "your work" performed for that additional insured and included in the "products-completed operations hazard".

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and
2. Will not be broader than that which you are required by the contact or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance**:

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement you have entered into with the additional insured; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance show in the Declarations.



Member Company

Erie Insurance Exchange

Home Office • 100 Erie Insurance Place • Erie, Pennsylvania 16530

Erie Insurance Exchange
Commercial P/C Underwriting
FAX Number - (814) 461-7391
Telephone Number - (814) 870-2411
culossrunrequest@erieinsurance.com

PAGES: 7 (including this cover page)

COMMERCIAL POLICY LOSS RUN REPORT F(309)682-0553 MM1624 ASHTIN

This message and attachments are intended only for the addressee(s). This message may contain information that is protected by one or more legally recognized privileges. If the reader of this message is not the intended recipient or an authorized representative of the intended recipient, I did not intend to waive any legal privilege or the confidentiality of the messages and attachments. If you receive this message in error, please notify me immediately by return e-mail and delete this message from your computer and network without reading or saving it in any manner. The unauthorized use, dissemination, distribution, or reproduction of this e-mail, including attachments, is prohibited and may be unlawful.

POLICY TYPE: COMMERCIAL AUTO - FLEET

Named Insured: COMMERCIAL IRRIGATION & TURF02
 109 COMMERCIAL DR
 EAST PEORIA IL 61611

Policy Number: Q01-0141794 01
 For The Period Of: 01/01/2017 TO 01/01/2019
 Agent Number: MM1624
 Agent Name: FORTNER INSURANCE AGENCY INC

Policy Period	No. of Claims	Total Paid	Total Outstanding Reserve	Experience Modification
01/01/2017 TO 01/01/2018	4	26,206.29	5,500.00	N/A
01/01/2018 TO 01/01/2019	0	0.00	0.00	N/A

ERIE INSURANCE GROUP **POLICY LOSS RUN** 11/16/2017
POLICY TYPE: COMMERCIAL AUTO - FLEET

Named Insured: COMMERCIAL IRRIGATION & TURF02
 109 COMMERCIAL DR
 EAST PEORIA IL 61611

Policy Number: Q01-0141794 01
For The Period Of: 01/01/2017 TO 01/01/2019
Agent Number: MM1624
Agent Name: FORTNER INSURANCE AGENCY INC

01/01/2017 TO 01/01/2018

Claim Number: A00000273542	Date Occurred: 03/13/2017	Driver: JOHN VEZZA		
Status: CLOSED	Sal/Sub: N	Loss Description: ESUBRO: INS HIT CLMNT WITH FLOW		
	Liability	Phys Dmg	UM/UIM	Expense Total
Paid	4,208.43			4,208.43
Reserve				

Claim Number: A00000305292	Date Occurred: 05/25/2017	Driver:		
Status: CLOSED	Sal/Sub: N	Loss Description: INSD BACKED INTO CLMT PARKED VEH		
	Liability	Phys Dmg	UM/UIM	Expense Total
Paid	9,197.92			9,247.92
Reserve				

Claim Number: A00000373565	Date Occurred: 05/25/2017	Driver: RAYMOND BISHEL		
Status: CLOSED	Sal/Sub: Y	Loss Description: CV1 & CV2 COLLEDGED; CV1 STRUCK STOPPED IV		
	Liability	Phys Dmg	UM/UIM	Expense Total
Paid	12,749.94			12,749.94
Reserve				

FPB = First Party Benefits

PIP = Personal Injury Protection

UM/UIM = Uninsured/Underinsured Motorists
 PLR-CA
 Page 1

Policy Number: Q01-0141794 01
 Policy Type: Commercial Auto - Fleet

POLICY LOSS RUN

01/01/2017 TO 01/01/2018

Claim Number: A00000559137	Date Occurred: 09/29/2017	Driver: JOHN REINHOLDT			
Status: OPEN	Sal/Sub: N	Loss Description: INSD RE CLMT			
Liability	Phys Dmg	FPB/PIP Med Pay	UM/UIM	Expense	Total
Paid					
Reserve	5,500.00				5,500.00

POLICY YEAR LOSS TOTALS
 01/01/2017 TO 01/01/2018

Total Number of Claims 4					
	Liability	Phys Dmg	FPB/PIP Med Pay	UM/UIM	Total
Paid	13,406.35	12,749.94		50.00	26,206.29
Reserve	5,500.00				5,500.00
TOTAL	18,906.35	12,749.94		50.00	31,706.29

Number of Open Claims 1					
	Liability	Phys Dmg	FPB/PIP Med Pay	UM/UIM	Total
Paid					
Reserve	5,500.00				5,500.00
TOTAL	5,500.00				5,500.00

FPB = First Party Benefits
 PIP = Personal Injury Protection
 UM/UIM = Uninsured/Underinsured Motorists
 Page 2
 PLR-CA

ERIE INSURANCE GROUP

POLICY LOSS RUN SUMMARY

11/16/2017

POLICY TYPE: BUSINESS CATASTROPHE LIABILITY

Named Insured: COMMERCIAL IRRIGATION & TURF INC
109 COMMERCIAL DR
EAST PEORIA IL 61611

Policy Number: Q25-0175443 00
For The Period Of: 01/01/2017 TO 01/01/2018
Agent Number: MM1624
Agent Name: FORTNER INSURANCE AGENCY INC

Policy Period	No. of Claims	Total Paid	Total Outstanding Reserve	Experience Modification
01/01/2017 TO 01/01/2018	0	0.00	0.00	N/A

PLRS

ERIE INSURANCE GROUP

POLICY LOSS RUN SUMMARY

11/16/2017

POLICY TYPE: ULTRAFLEX

Named Insured: COMMERCIAL IRRIGATION & TURF
 INC
 109 COMMERCIAL DR
 EAST PEORIA IL 61611

Policy Number: Q37-0158736 01
 For The Period Of: 01/01/2017 TO 01/01/2019
 Agent Number: MMI624
 Agent Name: FORTNER INSURANCE AGENCY INC

Policy Period	No. of Claims	Total Paid	Total Outstanding Reserve	Experience Modification
01/01/2017 TO 01/01/2018	0	0.00	0.00	N/A
01/01/2018 TO 01/01/2019	0	0.00	0.00	N/A

ERIE INSURANCE GROUP

POLICY LOSS RUN SUMMARY

11/16/2017

POLICY TYPE: WORKERS' COMPENSATION

Named Insured: COMMERCIAL IRRIGATION & TURF
109 COMMERCIAL DR
EAST PEORIA IL 61611

Policy Number: Q85-5104848 01
For The Period Of: 01/01/2017 TO 01/01/2019
Agent Number: MM1624
Agent Name: FORTNER INSURANCE AGENCY INC

Policy Period	No. of Claims	Total Paid	Total Outstanding Reserve	Experience Modification
01/01/2017 TO 01/01/2018	0	0.00	0.00	0.000
01/01/2018 TO 01/01/2019	0	0.00	0.00	0.000

CANCELLATION BY US

NOTICE TO DESIGNATED ENTITY

If we cancel this policy before the expiration date, other than at the request of the Named Insured, we will mail notice to the persons or organizations who are designated on the Declarations as subject to this endorsement. We will mail such notice at least 30 days before the effective date of cancellation.

If the Named Insured requests cancellation before the policy expiration date, we will mail notice to the persons or organizations designated in the Declarations as subject to this endorsement after the Named Insured's request to cancel.

Proof of mailing constitutes proof of notice.

In no event will coverage extend beyond the actual expiration, termination or cancellation of the policy.