



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: December 1, 2020

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Lisa Burnham, Controller
Kurt Bovensiepe, Public Works Director
Scott Carruthers, Streets & Drains Operations Manager
MaryBeth Murz, Purchasing Manager

Subject: Standard Purchasing Resolution 2 - Award to Low Bidder - Street Light Maintenance

History

- The City of Troy operates and maintains 1,100 street light poles, which could have one or two light fixtures.
- The street lights illuminate major roads and many subdivision entrance roads, which require maintenance and repair to ensure the roads are properly illuminated.
- Street light poles can be damaged by accidents requiring a complete replacement.
- Historically, the City expenses 70% of the street light maintenance budget on labor and 30% on materials.
- The City also operates and maintains street lights in municipal parking lots and athletic fields in City parks.
- The current contract expires November 30, 2020.

Purchasing

- On November 19, 2020 a bid opening was conducted as required by the City Charter/Code for three (3) year requirements of Street Light Maintenance with an option to renew for one additional year.
- The bid was posted on the Michigan Intergovernmental Trade Network (MITN); www.mitn.info. Two (2) bids were received. Below is a detailed summary of the vendor responses.

Companies notified via MITN	290
Troy Companies notified via MITN	13
Troy Companies - Active email Notification	13
Troy Companies - Active Free	0
Companies that viewed the bid	18
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.



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Purchasing (continued)

- After reviewing the bid responses; *Harlan Electric Company of Rochester Hills, MI* was the low bidder meeting specifications.
- Note that *Harlan Electric Company* has successfully provided street light maintenance as per all bid specifications for the past nine (9) years for the City of Troy.
- Additionally, the geographical proximity of *Harlan Electric Company*, which is 1 ½ miles from Troy, has proven to be a value in responding to time sensitive incident(s).
- Over the duration of the existing 3-year contract the City has spent an average of \$69,200.00 annually for street light maintenance.

Financial

Funds for street light maintenance are budgeted and available in the Streets and Drains Department, Street Light Repair Material/Supplies account 101.447.25.448.7774.115 and the Contractual Services account 101.447.25.448.7802.150.

Recommendation

City management recommends awarding a contract to provide three (3) year requirements of street, parking lot, and athletic field light maintenance, with an option to renew for one (1) additional year to *Harlan Electric Company, of Rochester Hills, MI* for an estimated total cost of \$144,784.50, at unit prices contained in the bid tabulation with all work not to exceed budgetary limitations.

Opening Date: 11/19/2020
Date Reviewed: 11/19/2020

CITY OF TROY
BID TABULATION
STREET LIGHTS

ITB-COT 21-14
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VENDOR NAME:	Harlan Electric	J. Ranck Electric, Inc.
CITY:	Rochester Hills, MI	Mt. Pleasant, MI
CHECK NUMBER:	3036	2001453
CHECK AMOUNT:	\$2,500.00	\$2,500.00

PROPOSAL: FURNISH ALL LABOR, TOOLS, EQUIPMENT, TRANSPORTATION SERVICES, AND TRAFFIC CONTROLS TO PROVIDE THREE-YEAR REQUIREMENTS OF STREET, PARKING LOT, AND ATHLETIC FIELD LIGHT MAINTENANCE, WITH AN OPTION TO RENEW FOR ONE ADDITIONAL YEAR

PROPOSAL A: MAINTENANCE

ITEM	ESTIMATED QUANTITY/YEAR	DESCRIPTION	UNIT PRICE (LABOR ONLY)	TOTAL		UNIT PRICE (LABOR ONLY)	TOTAL	
1	500 Each	Replace Lamp	\$23.89	\$11,945.00		\$300.00	\$150,000.00	
2	75 Each	Replace Ballast	\$35.83	\$2,687.25		\$300.00	\$22,500.00	
3	10 Each	Replace Starter	\$35.83	\$358.30		\$300.00	\$3,000.00	
4	200 Each	Replace Fuse (Per pole/per electric box)	\$59.72	\$11,944.00		\$75.00	\$15,000.00	
5	100 Each	Replace Driver for LED Lights	\$53.13	\$5,313.00		\$300.00	\$30,000.00	
6	10 Each	Replace Lens	\$23.89	\$238.90		\$300.00	\$3,000.00	
7	50 Each	Replace Photo Cell	\$23.89	\$1,194.50		\$150.00	\$7,500.00	
8	10 Each	Replace Breakers	\$59.72	\$597.20		\$150.00	\$1,500.00	
9	50 Each	Tighten & Lubricate anchor bolts Horizontal Refractors, Glass washing, lamp replacement (Per pole double or single lamp)	\$35.83	\$1,791.50		\$300.00	\$15,000.00	
10	150 Each	Remove & Replace Fixture	\$119.45	\$17,917.50		\$300.00	\$45,000.00	
ESTIMATED TOTAL PROPOSAL A-LABOR:			\$53,987.15			\$292,500.00		
11	A-350 Each	400 WATT Lamp I	\$12.83	\$4,490.50		\$15.00	\$5,250.00	
	B-150 Each	250 WATT Lamp I	\$12.83	\$1,924.50		\$13.50	\$2,025.00	
12	A- 60 Each	400 WATT Ballast	\$99.11	\$5,946.60		\$125.00	\$7,500.00	
	B- 15 Each	250 WATT Ballast	\$99.11	\$1,486.65		\$80.00	\$1,200.00	
13	10 Each	Starter	\$104.94	\$1,049.40		N/Q	\$0.00	
14	A-100 Each	5,10,15 AMP fuse	\$8.61	\$861.00		\$6.50	\$650.00	
	B-50 Each	30 AMP fuse	\$7.21	\$360.50		\$15.00	\$750.00	
	C-50 Each	100 AMP fuse	\$52.30	\$2,615.00		\$30.00	\$1,500.00	
15	50 Each	Photo Cell	\$6.41	\$320.50		\$125.00	\$6,250.00	
16	120 L.F	1 1/2" Rigid Plastic Conduit Schedule 40	\$1.17	\$140.40		\$5.00	\$600.00	
17	160 L.F	No. 8 AWG Cable Red	\$0.31	\$49.60		\$0.75	\$120.00	
18	160 L.F	No. 8 AWG Cable Black	\$0.31	\$49.60		\$0.75	\$120.00	
19	40L.F	No. 10 AWG Cable Bare	\$0.30	\$12.00		\$0.75	\$30.00	
20	1 Each	40' Wood Light Pole	\$466.40	\$466.40		\$650.00	\$650.00	
21	10 Each	40' self-weathering steel Light Pole	\$3,847.80	\$38,478.00		Provided by Owner	\$0.00	
22	10 Each	8 'Mastarm	\$961.95	\$9,619.50		Provided by Owner	\$0.00	
23	10 Each	15 'Mastarm	\$1,399.20	\$13,992.00		Provided by Owner	\$0.00	
24	10 Each	250 Watt HPS Fixture	\$446.76	\$4,467.60		N/Q	\$0.00	
25	10 Each	400 Watt HPS Fixture	\$446.76	\$4,467.60		N/Q	\$0.00	
ESTIMATED TOTAL PROPOSAL A- MATERIALS:			\$90,797.35			\$26,645.00		
ESTIMATED GRAND TOTAL PROPOSAL A- LABOR AND MATERIALS:			\$144,784.50			\$319,145.00		
Additional Items, IF required:			Regular Time	Overtime	Holiday Time	Regular Time	Overtime	Holiday Time
Hourly Labor Rate per crew (crew includes 1 Journeyman Electrician, 1 Instrument Technician and Service Truck) (Estimated number of hours 100)		PRICE/HOUR/CREW	\$193.02	\$270.23	\$347.44	\$255.00	\$375.00	\$525.00
Journeyman Electrician		PRICE/HOUR/ELECTRICIAN	\$100.55	\$140.77	\$180.98	\$135.00	\$200.00	\$275.00
Hourly Rate for Backhoe		PRICE/HOUR/INCLUDING OPERATOR	\$74.68	\$74.68	\$74.68	\$145.00	\$195.00	\$250.00
Hourly Rate for Service Truck with Crane		PRICE/HOUR/INCLUDING OPERATOR	\$136.05	\$176.27	\$216.48	\$185.00	\$250.00	\$325.00
NON-CONTRACT REPLACEMENT PARTS:								
Discount (markup or mark down) on parts not listed above + or -			+5%			+15%		
Parts List & Dated to be used (A published company-pricing sheet will be accepted.)			Not Specified			Not Specified		
OR Invoiced Price: Invoices will be supplied - Y or N								
Parts quoted are manufactured by:								

VENDOR NAME:	Harlan Electric	J. Ranck Electric, Inc.
CITY:	Rochester Hills, MI	Mt. Pleasant, MI

PROPOSAL B: INSTALLATION AND REPLACEMENT

ITEM	ESTIMATED QUANTITY/YEAR	DESCRIPTION	Lump Sum Total Price for One (1)	Lump Sum Total Price for One (1)
1	1 Each	Remove existing self-weathering steel Light Pole	\$465.85	\$1,500.00
2	1 Each	Remove existing wood Light Pole	\$465.85	\$1,500.00
3	1 Each	Remove Concrete Foundations	\$955.58	\$1,500.00
4	1 Each	Installation of Concrete foundations	\$895.86	\$4,650.00
5	1 Each	Install 40' Light Ornamental Pole with mast arms - With One Luminaire	\$955.58	\$3,500.00
6	1 Each	Install 40' Light Ornamental Pole with mast arms - With Two Luminaries	\$1,254.20	\$3,500.00
7	1 Each	Install 40' Light wood Pole with mast arms - With One Luminaire	\$824.19	\$4,500.00
8	1 Each	Install 40' Light wood Pole with mast arms - With Two Luminaries	\$1,051.14	\$4,500.00
9	1 Each	New installation of 40' Street Light Pole with concrete foundation	\$1,851.44	\$8,500.00
10	1 Each	Cut & weld Street Light Base H Base for EH-409	\$330.00	\$4,000.00
ESTIMATED TOTAL PROPOSAL B:			\$9,049.69	\$37,650.00

Additional Items, IF required:		Regular Time	Overtime	Holiday Time	Regular Time	Overtime	Holiday Time
Hourly Labor Rate per crew (crew includes 1 Journeyman Electrician, 1 Instrument Technician and Service Truck) (Estimated number of hours 100)	PRICE/HOUR/CREW	\$193.02	\$270.23	\$347.44	\$255.00	\$375.00	\$525.00
Journeyman Electrician	PRICE/HOUR/ELECTRICIAN	\$100.55	\$140.77	\$180.98	\$135.00	\$200.00	\$275.00
Hourly Rate for Backhoe	PRICE/HOUR/INCLUDING OPERATOR	\$74.68	\$74.68	\$74.68	\$145.00	\$195.00	\$250.00
Hourly Rate for Service Truck with Crane	PRICE/HOUR/INCLUDING OPERATOR	\$136.05	\$176.27	\$216.48	\$185.00	\$250.00	\$325.00

NON-CONTRACT REPLACEMENT PARTS:

Discount (markup or mark down) on parts not listed above + or -	+5%	+15%
Parts List & Dated to be used (A published company-pricing sheet will be accepted.)	Not Specified	Not Specified
OR Invoiced Price: Invoices will be supplied - Y or N		
Parts quoted are manufactured by:		

Hours of Operation:	7:30 - 5:30	7:00 AM - 3:30 PM
24 Hr. Phone Number:	248-670-1964	800-792-3822
References:	Y or N	Y
Percentage of Contract certify to be completed within the time allowable:	Proposal A: 100%	100%
	Proposal B: 100%	100%
Proposed Payment Schedule:	Net 30	Net 30 Days
Can meet Insurance:	Y or N	Y
Response Time:	1 Hour	Not Specified
Exceptions:	Y or N	N
Acknowledgement:	Y or N	Y
Forms:	Y or N	Y

Attest:

(*Bid Opening conducted via a Go-To Meeting)

Kristine Kallek Heather Chomiak
Kaitlin Sackner Jackie Ahlstrom

MaryBeth Murz,
Purchasing Manager