

March 8, 2019

ADDENDUM NO. 1

ENG19-05 EXCHANGE PARK & LOOMIS PARK LIGHTING

Notice is hereby given that the following additional information and changes shall become part of the specifications of the above referenced contract. You are to acknowledge the addenda on the Proposal Sheet.

- 1) The Bid Sheet on page P2 through P4 of 17 is removed from the Proposal and replaced with the attached Revised Bid Sheet.
- 2) The “Roadway Lighting Control Panel” detail on Sheet 6 of the plan set is removed from the plans.
- 3) The Special Provision for Lighting Control Panel, Ground Mounted dated 01-09-18 on pages SP19 through SP20 of 51 is removed from the Proposal.
- 4) The attached Special Provision for Lighting Control Cabinet, Pole Mounted dated 03-08-19 (2 pages total) is added to the Proposal.

END OF ADDENDUM

BID SHEET

DATE:

PROPOSAL FOR: ENG19-05 EXCHANGE PARK & LOOMIS PARK LIGHTING

TO: The Mayor and the City Council
 City of Jackson, Michigan

Ladies and Gentlemen:

The Undersigned has examined the plans, specifications, and the location of the above described work, and is fully informed as to the conditions relating to its performance, and understands the quantities shown in the estimate and on the plans are accurate to the best belief and knowledge of the Engineer, but are not guaranteed.

The undersigned hereby proposes to furnish all equipment, materials, supplies, labor, and services necessary to commence and complete the project as described in the Contract Documents; and in strict conformity with the requirements of the Specifications and such other special provisions and supplemental specifications as may be a part of this proposal for the above described project at the following unit prices all labor, equipment and materials necessary for completion of the work, but not specifically listed as a pay item, will be deemed to be included in one or more of the pay items listed in the bid sheet.

Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged (list addenda by Addendum Number and Date):

Addendum No.	Date
_____	_____
_____	_____
_____	_____

SCHEDULE OF BID PRICES NOTE: UNIT PRICES MUST BE LISTED AND SHALL GOVERN.
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ITEM NUMBER	PAY ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL COST
1	1500001	Mobilization, Max \$20,000.00	LSUM	1.00		
2	8190360	Luminaire, Rem	Ea	2.00		
3	8190489	Wood Pole, Fit Up, Metered Sec Elec Serv	Ea	1.00		
4	8190495	Wood Pole, Fit Up, Sec Cable Pole	Ea	1.00		
5	8197001	Conductor, THWN, in Conduit, 600V, 1C, #8 AWG	Ft	6,350.00		

ITEM NUMBER	PAY ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL COST
6	8197001	Conduit, 3 inch, Sch 80/PVC (Empty)	Ft	1,122.00		
7	8197001	Equipment Grounding Conductor, in Conduit, 1C, #8 AWG	Ft	1,265.00		
8	8197050	Hand Hole, Polymer Conc, 11 inch X 18 inch (Open Bottom)	Ea	13.00		
9	8197050	Lighting Control Cabinet, Pole Mounted	Ea	2.00		
10	8197050	Street Light Concrete Base	Ea	9.00		
11	8197050	Street Light, Install	Ea	9.00		

TOTAL \$

TOTAL BID WRITTEN OUT:

Bidders Name:	
Address:	
City, State, Zip:	
Telephone:	
Fax:	
Email Address:	
Federal ID Number:	
Bid Signed By:	Print or Type
Title:	

- I am the person described in and who executed the foregoing bid and that the several matters stated are in all respects true.
- That I am an employee of the firm or company described in and I am authorized to submit said bid.

By _____ Its _____

CITY OF JACKSON, MICHIGAN
SPECIAL PROVISION
FOR
LIGHTING CONTROL CABINET, POLE MOUNTED

COJ

1 of 2

03-08-19

a. Description. This work shall consist of all materials, equipment and labor to install a new lighting control cabinet as shown on the plans and as specified herein.

b. Materials.

1. Service Rated Enclosure / Combination Lighting Contactor. Provide a Square D Night-Master Combination Lighting Contactor 8903SQC64V03G101 manufactured by Schneider Electric.

2. Panelboard. Provide a non-controlled panelboard for continuous loads and a contactor controlled panelboard for switched loads. Panelboards will include a main circuit breaker and be rated for 120/240V single phase. The contractor controlled panelboard shall be Square D Load Center QO612L100S (QO MLO 240V 100A 1PH 6SP N1) manufactured by Schneider Electric.

Circuit breakers shall be bolt-on type one-, two- or three-pole with thermal-magnetic trip. Provide breaker handle positions that indicate "On" and "Off" conditions. Ensure voltage between any two conductors does not exceed the voltage rating of the circuit breaker.

3. Photoelectric Control. Provide a photoelectric control to properly operate the street light control switch. Include a time delay to prevent operation by short time lighting such as lighting flashes and provide fail-safe operation so that upon failure by any part of the control to function lights will turn on and stay on. Select and adjust the entire system so that there is no cycling due to the photoelectric control being turned off by the street lighting.

4. Transient Voltage Surge Suppressors (TVSS). Provide TVSS unit rated for 160 kiloampere (kA) at 120/140V single phase, connected to the mains for the control panel via a 2-pole breaker.

5. Terminal Block. Provide terminal blocks to accommodate conductor sizes up to #2/0 American Wire Gauge (AWG). Install the terminal blocks under the lighting control panels.

6. Electrical Grounding System. Ground rods and grounding cable and appurtenances shall meet the requirements of subsection 918.02 of the Standard Specifications for Construction.

7. Meter socket. Provide a meter socket that meets the requirements of Consumers Energy.

c. Construction. Install the lighting control cabinet as shown on the plans and wire in accordance with the current NEC and any applicable Consumers Energy specifications. Coordinate and arrange final connection of the electrical service to the lighting control cabinet with Consumers Energy. All electrical work must be done by a license electrician and in accordance with the NEC.

d. Measurement and Payment. The complete work, as described, will be measured and paid for at the contract unit price for the following pay item:

<u>Contract Item (Pay Item)</u>	<u>Pay Unit</u>
Lighting Control Cabinet, Pole Mounted	Each

Lighting Control Cabinet, Pole Mounted includes furnishing all labor, materials and equipment as specified herein and/or as shown on the plans to install a new lighting control cabinet to make complete operating unit to control the operation of the lighting units.

The work includes all incidental items required for a finished and complete installation even through incidental items may not be indicated on the plans or specified herein. The work includes, but is not limited to, furnishing and installing the following items:

- Service Rated Enclosure / Combination Lighting Contactor
- Panelboard and circuit breakers
- Lighting contactor
- Photoelectric cell
- TVSS unit
- Terminal blocks
- Electrical grounding system
- Meter socket
- Weather head service cap
- All conduits and conductors between the top of the pole and the bottom of the cabinet.