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## **SUMMARY PRICE SHEET: OPERATION AND MAINTENANCE OF A MUNICIPAL STREET LIGHT SYSTEM**

The Summary Price Sheet includes four sections:

- **Section A: Street Light Infrastructure Mark Outs**
- **Section B: Knockdowns and Takedowns**
- **Section C: Cable Repair and Spot Digs**
- **Section D: Additional Work**

Bid Prices are to include and cover the furnishing of all materials, equipment, personnel, and overhead necessary to perform the work described in this Bid Document. The undersigned proposes that in the event this Bid is found to be acceptable to the City and the contract award offered, the Bidder assures that all work will be performed in the specified manner and under the conditions specified at the prices listed below.

All Bid Contract Prices are to be based on the maintenance of approximately 14,000 street lights, flood lights, tunnel lights, and bridge lights for one year. The City of Worcester reserves the right to add or remove streetlights during the course of this contract. The multipliers below are estimates for this work only. Actual requests or quantities may be higher or lower.

Bid Prices shall be compared based on the total value of the listed work and quantities on the Summary Price Sheets. Contract Award shall be made to the lowest responsible and eligible bidder.

### **Section A: Street Light Infrastructure Mark Outs**

#### *A1. Street Light Infrastructure Mark Outs, Regular Hours*

Provide a monthly lump sum for Standard and Emergency Street Light Infrastructure Mark Outs performed during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). This shall be a fixed month-to-month fee regardless of the number or frequency of calls. This is not a unit cost per mark out. Bidders should determine the expected number and frequency of mark outs and assign a value to that work as a fixed price. This will become a fixed contract cost for Non-Emergency and Emergency Street Light Infrastructure Mark Outs performed during Regular Hours.

#### *A2. Emergency Street Light Infrastructure Mark Outs, After Hours*

Provide a per call price for Emergency Mark Outs response for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

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Item	Description	Unit Price	Annual Contract Price
A1	Street Light Infrastructure Mark Outs, Regular Hours	\$ 30,000.00/month	X 12 = \$ 360,000.00
A2	Emergency Street Light Infrastructure Mark Outs, After Hours	\$ 700.00 /call	X 50 = \$ 35,000.00
TOTAL SECTION A			\$ 395,000.00

### Section B: Knockdowns and Takedowns

#### *B1 Street Light Knockdowns, Regular Hours*

Provide a per call price for Emergency Response to Knockdowns during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### *B2. Street Light Knockdowns, After Hours*

Provide a per call price for Emergency Response to Knockdowns for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### *B3. Street Light Takedowns, Regular Hours*

Provide a per call price for Emergency Response to Takedowns during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### *B4. Street Light Takedowns, After Hours*

Provide a per call price for Emergency Response to Takedowns for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

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Item	Description	Unit Price	Annual Contract Price
B1	Emergency Street Light Knockdown, Regular Hours	\$ 250.00 /call	X 80 = \$ 20,000.00
B2	Emergency Street Light Knockdown, After Hours	\$ 525.00 /call	X 45 = \$ 23,625.00
B3	Emergency Street Light Takedowns, Regular Hours	\$ 1,200.00 /call	X 20 = \$ 24,000.00
B4	Emergency Street Light Takedowns, After Hours	\$ 1,200.00 /call	X 15 = \$ 18,000.00
TOTAL SECTION B			\$ 85,625.00

### Section C: Cable Repair and Spot Digs

#### C1. Street Light Out Emergency, Regular Hours

Provide a per call price for Emergency Response to Street Light Out Emergencies during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### C2. Street Light Out Emergency, After Hours

Provide a per call price for Emergency Response to Street Light Out Emergencies for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### C3. Spot Dig

Provide a per dig price for a Spot Dig, as described in Section 6.4.b. The Annual Contract Price is found by multiplying the unit price by an estimate of the number of digs over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

Item	Description	Unit Price	Annual Contract Price
C1	Emergency Street Light Out, Regular Hours	\$ 150.00 /call	X 75 = \$ 11,250.00

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<b>C2</b>	Emergency Street Light Out, After Hours	\$ 250.00 /call	x 20 = \$ 5,000.00
<b>C3</b>	Spot Dig	\$ 3,000.00 /dig	x 50 = \$ 150,000.00
<b>TOTAL SECTION C</b>			<b>\$ 166,250.00</b>

#### Section D: Additional Work

##### D1. Items with Standard Specifications

Provide the cost of a single specified unit under Unit Price. The Annual Contract Price is found by multiplying the unit price by an estimate of the number required over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City. Details on items below can be found in the City of Worcester Standard Specifications & Details (see *Appendix D*).

Item	Description	Unit Price	Annual Contract Price
<b>428</b>	Bituminous Concrete Roadway	\$ 55.00 /Sq Yd	x 300 = \$ 16,500.00
<b>430</b>	Existing Bituminous Concrete Driveway Repair	\$ 55.00 /Sq Yd	x 100 = \$ 5,500.00
<b>432</b>	Existing Bituminous Concrete Sidewalks Repair	\$ 55.00 /Sq Yd	x 100 = \$ 5,500.00
<b>436</b>	Resurface Trenches-Temporary	\$ 5.00 /Ln Ft	x 2,500 = \$ 12,500.00
<b>436.01</b>	Resurfaces Trenches-Permanent	\$ 18.00 /Ln Ft	x 2,500 = \$ 45,000.00
<b>436.1</b>	Miscellaneous Infrared Bituminous Concrete	\$ 110.00 /Sq Yd	x 200 = \$ 22,000.00
<b>442</b>	Concrete Sidewalk Repair	\$ 95.00 /Sq Yd	x 150 = \$ 14,250.00
<b>445</b>	Stamped Cement Concrete Accent Strip	\$ 120.00 /Sq Yd	x 40 = \$ 4,800.00

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<b>446</b>	Concrete Driveway Repair	\$ 200.00	/Sq Yd	x 105 = \$ 21,000.00
<b>446.3</b>	Excavatable Control Density Fill (CDF)	\$ 155.00	/Cu Yd	x 100 = \$ 15,500.00
<b>804.2</b>	Installation of 2-inch Electrical Conduit type NM – Plastic	\$ 60.00	/Ln Ft	x 2,500 = \$ 150,000.00
<b>812.2</b>	Light Standard Foundation Concrete, installed, or remove and replace	\$ 1,450.00	/each	x 30 = \$ 43,500.00
<b>TOTAL SECTION D1</b>				<b>\$ 356,050.00</b>

#### *D2. Staff and Equipment*

Provide the cost of a single specified unit under Unit Price. The Annual Contract Price is found by multiplying the unit price by an estimate of the number required over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

<b>Item</b>	<b>Description</b>	<b>Unit Price</b>		<b>Annual Contract Price</b>
<b>D2-1</b>	Journeyman Electrician/Lineman	\$ 120.00	/hour	x 180 = \$ 21,600.00
<b>D2-2</b>	Journeyman Electrician/Lineman – Overtime	\$ 175.00	/hour	x 25 = \$ 4,375.00
<b>D2-3</b>	Laborer	\$ 85.00	/hour	x 450 = \$ 38,250.00
<b>D2-4</b>	Laborer – Overtime	\$ 105.00	/hour	x 25 = \$ 2,625.00
<b>D2-5</b>	Bucket Truck (35- to 40-foot insulated bucket truck), includes operator (Electrician)	\$ 155.00	/hour	x 500 = \$ 77,500.00
<b>D2-6</b>	Hoist Truck/Crane (5- to 10-ton), includes operator	\$ 250.00	/hour	x 10 = \$ 2,500.00

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<b>D2-7</b>	Pole Truck with Pole Auger, includes operator	\$ 250.00	/hour	x 10 = \$ 2,500.00
<b>D2-8</b>	Dump truck (2- to 3-yard), includes operator	\$ 100.00	/hour	x 10 = \$ 1,000.00
<b>D2-9</b>	Backhoe, includes operator	\$ 300.00	/hour	x 10 = \$ 3,000.00
<b>D2-10</b>	Backhoe/Excavator/Dump Truck/Flatbed, includes operator	\$ 375.00	/hour	x 10 = \$ 3,750.00
Prices in the following sections (D2-11 through D2-19) are <b>installed prices</b> . Items must meet both NGRID and City of Worcester Standard Specifications.				
<b>D2-11</b>	Contractor-supplied 6- or 8-foot mast arm with hardware w/o fixture. Includes all assembly, wiring, and incidentals.	\$ 200.00	/each	x 10 = \$ 2,000.00
<b>D2-12</b>	Contractor-supplied 10- or 12-foot mast arm with hardware w/o fixture. Includes all assembly, wiring, and incidentals.	\$ 200.00	/each	x 10 = \$ 2,000.00
<b>D2-13</b>	City-supplied LED cobra head (complete) of 24-, 49-, 60-, 95-, or 133-watt or equivalent wattage and CIMCON controller, on existing mast arm, Contractor supplied mast arm, or City supplied mast arm, on an aluminum or wood pole. This item includes the investigation of an outage.	\$ 275.00	/each	x 50 = \$ 13,750.00
<b>D2-14</b>	Contractor-supplied LED cobra head (complete) of 24-, 49-, 60-, 95-, or 133-watt or equivalent wattage and CIMCON controller, on existing mast arm, Contractor supplied mast arm, or City supplied mast arm, on an aluminum or wood pole. This item	\$ 550.00	/each	x 25 = \$ 13,750.00

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	includes the investigation of an outage.		
<b>D2-15</b>	Contractor-supplied 6-, 8-, or 10-foot mast arm with 24, 49, 60, 95, or 133 watt or equivalent wattage LED cobra head and CIMCON controller (complete) on existing wooden utility pole. Includes all assembly, wiring, and incidentals.	\$ 650.00 /each	x 50 = \$ 32,500.00
<b>D2-16</b>	City-supplied complete Holophane decorative fixture (pole, arm, photocell, lamp, wiring, assembly, banner arm, receptacle, CIMCON controller, and incidentals) on existing foundation. Includes all assembly, wiring, and incidentals.	\$ 1,500.00 /each	x 15 = \$ 22,500.00
<b>D2-17</b>	Contractor-supplied complete Holophane decorative fixture (pole, arm, photocell, lamp, wiring, assembly, banner arm, receptacle, CIMCON controller, and incidentals) on existing foundation. Includes all assembly, wiring, and incidentals.	\$ 9,745.00 /each	x 10 = \$ 97,450.00
<b>D2-18</b>	Contractor-supplied complete 25- or 30-foot aluminum pole with 6-, 8-, or 10-foot mast arm and 24, 49, 60, 95, or 133-watt or equivalent wattage LED cobra head on existing foundation. Includes pole, arm, photocell, lamp, wiring, assembly, CIMCON controller, and incidentals.	\$ 2,750.00 /each	x 10 = \$ 27,500.00
<b>D2-19</b>	City-supplied complete 25- or 30-foot aluminum pole with 6-, 8-, or 10-foot mast arm and 24, 49, 60, 95, or 133-watt or equivalent wattage LED cobra head on existing foundation. Includes pole, arm, photocell, lamp, wiring, assembly, CIMCON controller, and incidentals.	\$ 1,100.00 /each	x 50 = \$ 55,000.00

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<b>D2-20</b>	Remove broken non-utility wooden pole (assume approximately one to two feet left above the ground as from a knockdown) and install new 35-foot wooden pole and dispose of old pole.	\$ 3,500.00 /each	x 1 = \$ 3,500.00
<b>D2-21</b>	Relocate mast arm/bracket/cobra head assembly from existing pole, or attach assembly left at the bottom of new pole (associated with utility wood pole replacements). Includes all assembly, wiring, and incidentals.	\$ 175.00 /each	x 50 = \$ 8,750.00
<b>D2-22</b>	Install rod and ground wire in underground fed street light fixtures.	\$ 250.00 /each	x 5 = \$ 1,250.00
<b>TOTAL SECTION D2</b>			<b>\$ 437,050.00</b>

Please add the totals of each of Section D1 and D2 below.

Item	Description	Section Price
<b>D1</b>	Items with Standard Specifications	<u>\$ 356,050.00</u>
<b>D2</b>	Staff and Equipment Total	<u>\$ 437,050.00</u>
	<b>TOTAL SECTION D</b>	<u>\$ 793,100.00</u>

#### Section E: Summary of Prices for Final Bid

Please add the totals from each of the four above sections. The below will be considered for determining the award.

Section	Description	Total Section Contract Price
<b>A</b>	Street Light Infrastructure Mark Outs	<u>\$ 395,000.00</u>
<b>B</b>	Knockdowns and Takedowns	<u>\$ 85,625.00</u>
<b>C</b>	Cable Repair and Spot Digs	<u>\$ 166,250.00</u>
<b>D</b>	Additional Work	<u>\$ 793,100.00</u>
	<b>TOTAL ANNUAL CONTRACT PRICE</b>	<u>\$ 1,439,975.00</u>



## SUMMARY PRICE SHEET: OPERATION AND MAINTENANCE OF A MUNICIPAL STREET LIGHT SYSTEM

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### **Section A: Street Light Infrastructure Mark Outs**

#### *A1. Street Light Infrastructure Mark Outs, Regular Hours*

Provide a monthly lump sum for Standard and Emergency Street Light Infrastructure Mark Outs performed during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). This shall be a fixed month-to-month fee regardless of the number or frequency of calls. This is not a unit cost per mark out. Bidders should determine the expected number and frequency of mark outs and assign a value to that work as a fixed price. This will become a fixed contract cost for Non-Emergency and Emergency Street Light Infrastructure Mark Outs performed during Regular Hours.

#### *A2. Emergency Street Light Infrastructure Mark Outs, After Hours*

Provide a per call price for Emergency Mark Outs response for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

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Item	Description	Unit Price	Annual Contract Price
A1	Street Light Infrastructure Mark Outs, Regular Hours	\$ 18,620.00/month	X 12 = \$ 223,440.00
A2	Emergency Street Light Infrastructure Mark Outs, After Hours	\$ 420.00 /call	X 50 = \$ 21,000.00
TOTAL SECTION A			\$ 244,440.00

## Section B: Knockdowns and Takedowns

### B1 Street Light Knockdowns, Regular Hours

Provide a per call price for Emergency Response to Knockdowns during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

### B2. Street Light Knockdowns, After Hours

Provide a per call price for Emergency Response to Knockdowns for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

### B3. Street Light Takedowns, Regular Hours

Provide a per call price for Emergency Response to Takedowns during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

### B4. Street Light Takedowns, After Hours

Provide a per call price for Emergency Response to Takedowns for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

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Item	Description	Unit Price	Annual Contract Price
B1	Emergency Street Light Knockdown, Regular Hours	\$ \$ 290.00 /call	X 80 = \$ \$ 23,200.00
B2	Emergency Street Light Knockdown, After Hours	\$ \$ 400.00 /call	X 45 = \$ \$ 18,000.00
B3	Emergency Street Light Takedowns, Regular Hours	\$ \$ 350.00 /call	X 20 = \$ \$ 7,000.00
B4	Emergency Street Light Takedowns, After Hours	\$ \$ 400.00 /call	X 15 = \$ \$ 6,000.00
TOTAL SECTION B			\$ \$ 54,200.00

### Section C: Cable Repair and Spot Digs

#### C1. Street Light Out Emergency, Regular Hours

Provide a per call price for Emergency Response to Street Light Out Emergencies during Regular Hours (Monday through Friday, from 7:00 AM - 4:30 PM, excluding legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### C2. Street Light Out Emergency, After Hours

Provide a per call price for Emergency Response to Street Light Out Emergencies for requests that occur After Hours (Monday through Friday, from 4:31 PM-6:59 AM; all day Saturday and Sunday; and all legal holidays). The Annual Contract Price is found by multiplying the unit price by an estimate of the number of requests over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

#### C3. Spot Dig

Provide a per dig price for a Spot Dig, as described in Section 6.4.b. The Annual Contract Price is found by multiplying the unit price by an estimate of the number of digs over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

Item	Description	Unit Price	Annual Contract Price
C1	Emergency Street Light Out, Regular Hours	\$ \$ 250.00 /call	X 75 = \$ \$ 18,750.00

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<b>C2</b>	Emergency Street Light Out, After Hours	\$ \$ 350.00 /call	X 20 = \$ \$ 7,000.00
<b>C3</b>	Spot Dig	\$ \$ 3,500.00 /dig	X 50 = \$ \$ 175,000.00
<b>TOTAL SECTION C</b>			\$ \$ 200,750.00

#### Section D: Additional Work

##### D1. Items with Standard Specifications

Provide the cost of a single specified unit under Unit Price. The Annual Contract Price is found by multiplying the unit price by an estimate of the number required over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City. Details on items below can be found in the City of Worcester Standard Specifications & Details (see *Appendix D*).

Item	Description	Unit Price	Annual Contract Price
<b>428</b>	Bituminous Concrete Roadway	\$ \$ 80.00 /Sq Yd	X 300 = \$ \$ 24,000.00
<b>430</b>	Existing Bituminous Concrete Driveway Repair	\$ \$ 70.00 /Sq Yd	X 100 = \$ \$ 7,000.00
<b>432</b>	Existing Bituminous Concrete Sidewalks Repair	\$ \$ 105.00 /Sq Yd	X 100 = \$ \$ 10,500.00
<b>436</b>	Resurface Trenches-Temporary	\$ \$ 12.00 /Ln Ft	X 2,500 = \$ \$ 30,000.00
<b>436.01</b>	Resurfaces Trenches-Permanent	\$ \$ 39.00 /Ln Ft	X 2,500 = \$ \$ 97,500.00
<b>436.1</b>	Miscellaneous Infrared Bituminous Concrete	\$ \$ 80.00 /Sq Yd	X 200 = \$ \$ 16,000.00
<b>442</b>	Concrete Sidewalk Repair	\$ \$ 333.00 /Sq Yd	X 150 = \$ \$ 49,950.00
<b>445</b>	Stamped Cement Concrete Accent Strip	\$ \$ 410.00 /Sq Yd	X 40 = \$ \$ 16,400.00

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<b>446</b>	Concrete Driveway Repair	\$ \$ 110.00 /Sq Yd	X 105 = \$ \$ 11,550.00
<b>446.3</b>	Excavatable Control Density Fill (CDF)	\$ \$ 110.00 /Cu Yd	X 100 = \$ \$ 11,000.00
<b>804.2</b>	Installation of 2-inch Electrical Conduit type NM – Plastic	\$ \$ 95.00 /Ln Ft	X 2,500 = \$ \$ 237,500.00
<b>812.2</b>	Light Standard Foundation Concrete, installed, or remove and replace	\$ \$ 2,444.00 /each	X 30 = \$ \$ 73,320.00
<b>TOTAL SECTION D1</b>			\$ \$ 584,720.00

#### D2. Staff and Equipment

Provide the cost of a single specified unit under Unit Price. The Annual Contract Price is found by multiplying the unit price by an estimate of the number required over a single year. Quantities stated in this bid document are estimates based on empirical data for bid purposes only and are not a commitment of obligation by the City.

Item	Description	Unit Price	Annual Contract Price
<b>D2-1</b>	Journeyman Electrician/Lineman	\$ \$ 150.00 /hour	X 180 = \$ \$ 27,000.00
<b>D2-2</b>	Journeyman Electrician/Lineman – Overtime	\$ \$ 190.00 /hour	X 25 = \$ \$ 4,750.00
<b>D2-3</b>	Laborer	\$ \$ 125.00 /hour	X 450 = \$ \$ 56,250.00
<b>D2-4</b>	Laborer – Overtime	\$ \$ 140.00 /hour	X 25 = \$ \$ 3,500.00
<b>D2-5</b>	Bucket Truck (35- to 40-foot insulated bucket truck), includes operator (Electrician)	\$ \$ 168.00 /hour	X 500 = \$ \$ 84,000.00
<b>D2-6</b>	Hoist Truck/Crane (5- to 10-ton), includes operator	\$ \$ 170.00 /hour	X 10 = \$ \$ 1,700.00

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<b>D2-7</b>	Pole Truck with Pole Auger, includes operator	\$ \$ 150.00 /hour	X 10 = \$ \$ 1,500.00
<b>D2-8</b>	Dump truck (2- to 3-yard), includes operator	\$ \$ 120.00 /hour	X 10 = \$ \$ 1,200.00
<b>D2-9</b>	Backhoe, includes operator	\$ \$ 110.00 /hour	X 10 = \$ \$ 1,100.00
<b>D2-10</b>	Backhoe/Excavator/Dump Truck/Flatbed, includes operator	\$ \$ 150.00 /hour	X 10 = \$ \$ 1,500.00
Prices in the following sections (D2-11 through D2-19) are <b>installed prices</b> . Items must meet both NGRID and City of Worcester Standard Specifications.			
<b>D2-11</b>	Contractor-supplied 6- or 8-foot mast arm with hardware w/o fixture. Includes all assembly, wiring, and incidentals.	\$ \$ 375.00 /each	X 10 = \$ \$ 3,750.00
<b>D2-12</b>	Contractor-supplied 10- or 12-foot mast arm with hardware w/o fixture. Includes all assembly, wiring, and incidentals.	\$ \$ 460.00 /each	X 10 = \$ \$ 4,600.00
<b>D2-13</b>	City-supplied LED cobra head (complete) of 24-, 49-, 60-, 95-, or 133-watt or equivalent wattage and CIMCON controller, on existing mast arm, Contractor supplied mast arm, or City supplied mast arm, on an aluminum or wood pole. This item includes the investigation of an outage.	\$ \$ 170.00 /each	X 50 = \$ \$ 8,500.00
<b>D2-14</b>	Contractor-supplied LED cobra head (complete) of 24-, 49-, 60-, 95-, or 133-watt or equivalent wattage and CIMCON controller, on existing mast arm, Contractor supplied mast arm, or City supplied mast arm, on an aluminum or wood pole. This item	\$ \$ 750.00 /each	X 25 = \$ \$ 18,750.00

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	includes the investigation of an outage.		
<b>D2-15</b>	Contractor-supplied 6-, 8-, or 10-foot mast arm with 24, 49, 60, 95, or 133 watt or equivalent wattage LED cobra head and CIMCON controller (complete) on existing wooden utility pole. Includes all assembly, wiring, and incidentals.	\$ \$ 750.00 /each	X 50 = \$ \$ 37,500.00
<b>D2-16</b>	City-supplied complete Holophane decorative fixture (pole, arm, photocell, lamp, wiring, assembly, banner arm, receptacle, CIMCON controller, and incidentals) on existing foundation. Includes all assembly, wiring, and incidentals.	\$ \$ 950.00 /each	X 15 = \$ \$ 14,250.00
<b>D2-17</b>	Contractor-supplied complete Holophane decorative fixture (pole, arm, photocell, lamp, wiring, assembly, banner arm, receptacle, CIMCON controller, and incidentals) on existing foundation. Includes all assembly, wiring, and incidentals.	\$ \$ 12,444.00 /each	X 10 = \$ \$ 124,440.00
<b>D2-18</b>	Contractor-supplied complete 25- or 30-foot aluminum pole with 6-, 8-, or 10-foot mast arm and 24, 49, 60, 95, or 133-watt or equivalent wattage LED cobra head on existing foundation. Includes pole, arm, photocell, lamp, wiring, assembly, CIMCON controller, and incidentals.	\$ \$ 3,400.00 /each	X 10 = \$ \$ 34,000.00
<b>D2-19</b>	City-supplied complete 25- or 30-foot aluminum pole with 6-, 8-, or 10-foot mast arm and 24, 49, 60, 95, or 133-watt or equivalent wattage LED cobra head on existing foundation. Includes pole, arm, photocell, lamp, wiring, assembly, CIMCON controller, and incidentals.	\$ \$ 800.00 /each	X 50 = \$ \$ 40,000.00

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<b>D2-20</b>	Remove broken non-utility wooden pole (assume approximately one to two feet left above the ground as from a knockdown) and install new 35-foot wooden pole and dispose of old pole.	\$ \$ 1,700.00 /each	X 1 = \$ \$ 1,700.00
<b>D2-21</b>	Relocate mast arm/bracket/cobra head assembly from existing pole, or attach assembly left at the bottom of new pole (associated with utility wood pole replacements). Includes all assembly, wiring, and incidentals.	\$ \$ 260.00 /each	X 50 = \$ \$ 13,000.00
<b>D2-22</b>	Install rod and ground wire in underground fed street light fixtures.	\$ \$ 145.00 /each	X 5 = \$ \$ 725.00
<b>TOTAL SECTION D2</b>			\$ \$ 483,715.00

Please add the totals of each of Section D1 and D2 below.

Item	Description	Section Price
<b>D1</b>	Items with Standard Specifications	\$ \$ 584,720.00
<b>D2</b>	Staff and Equipment Total	\$ \$ 483,715.00
	<b>TOTAL SECTION D</b>	\$ 1068435.00

#### Section E: Summary of Prices for Final Bid

Please add the totals from each of the four above sections. The below will be considered for determining the award.

Section	Description	Total Section Contract Price
<b>A</b>	Street Light Infrastructure Mark Outs	\$ \$ 244,440.00
<b>B</b>	Knockdowns and Takedowns	\$ \$ 54,200.00
<b>C</b>	Cable Repair and Spot Digs	\$ \$ 200,750.00
<b>D</b>	Additional Work	\$ 1068435.00
	<b>TOTAL ANNUAL CONTRACT PRICE</b>	\$ \$ 1,567,825.00