PRICE BID

CITY OF LOWELL
INVITATION FOR BIDS
FOR
OPERATION AND MAINTENANCE OF MUNICIPAL STREET LIGHT SYSTEM

The bid prices are to include and cover the furnishing of all materials (except as noted for future energy efficiency upgrades), equipment, personnel and overhead necessary to perform the work described in the Special Instructions to Offerors (Section 6) of these bid documents. The undersigned proposes that in the event this Bid is found to be acceptable to the City and the contract award is made to him/her, the Offeror assures that all work will be performed in the specified manner and under the conditions specified at the prices listed below:

All Bids are to be based on the maintenance of approximately 5200 streetlights. See detailed list at Appendix A.

A1) Provide a general price per lamp per month cost for all routine maintenance including quarterly night checks. Such price to be expressed as a fixed price per lamp per month and will be paid as a fixed fee each month regardless of the number or frequency of service. This price is all inclusive of the work as described in Section 5.1 A and G. This is not a unit cost per repair. Offerors should determine the expected frequency of repair of all lights under the General Maintenance category and assign a value to that cost, their cost to complete the required night checks and express it as a fixed price per lamp per month this will become a fixed contract cost per month for routine general maintenance. All materials for other work not included as part of General Maintenance will be supplied at invoice price plus a standard markup.

Price per lamp per month $ 1.35

A2) Energy Efficiency Improvements. Provide a price to complete the energy efficiency improvements to the system by altering the light source and wattage reductions of the lamps. Such price will include labor only to install a replacement cobra-head style lamp or other lamp using similar mounting technology on existing mast arms. The City will supply the fixtures. These prices are provided in the event the City wishes at some time in the future to install LED street lights or some other more energy efficient source. For the purposes of the quoted price assume the total project would be at least 250 units. This price is not included in the total bid price computation and the City reserves the right if it determines it is in its best interest to advertise for this work separately when required.

PRICE SHEET

Energy Efficient Conversion Total	**Quantity**	**Installed Price Each**
Labor, Equipment &Incidental		
Materials	250	$ N/A Per Addendum #1

C1) Extra Work. Provide pricing for each Class of employee & equipment and materials markup as apply to extra work. (Attach separate page). The City will assume sixty (60) hours of straight time work for an electrician or journeyman lineman. If rates for these two classes are different then 30 hours will be assigned to each. An additional twenty-one (21) hours of overtime rates for the same class will be also added as well as the installation costs for three 30 foot base Aluminum poles with six foot mast arm and 150w HPS cut-off fixture, and nine six foot bracket with 50w HPS cut-off fixture on an existing utility owned wooden pole, 10 pole transfers of existing fixtures from an old pole to a new pole in connection with utility pole renewals/replacements.

D1) Emergency Response. Minimum response time is two hours. Assume one hour on scene. Provide both after hours and regular hour response pricing and define both. As an example the initial response may defined as consisting of only a standard 35 foot bucket with one repairman. Specialized equipment such as a crane or hoist truck is to be billed as an extra cost. The initial emergency response consists of rendering the scene safe and safeguarding any City equipment. Follow-on repairs are typically priced on a time and materials basis and are subject **to separate bidding as may be determined by the City.** Include weekend and holiday rates as well as overtime rates and when they are applicable.

D1a Emergency response crew one qualified person plus 35 foot bucket truck for one hour plus one hour travel. List total price for above crew and equipment for one hour on the ground and one hour total travel time (half hour each way). Total bid price for this line item shall be the result of

Regular Rate $ 430.00

After Hours Rate $ 508.00

Holiday Rate $ 794.00

Extra Work Pricing

Item	Description	Price
E1-1	Journeyman Electrician/Lineman	$ 182.00 per hour
E1-2	Journeyman Electrician/Lineman – Overtime	$ 221.00 per hour
E1-3	Apprentice Electrician/Lineman	$ 153.00 per hour
E1-4	Apprentice Electrician/Lineman – Overtime	$ 153.00 per hour
E1-5	Lamp and Photocell Service Person*	$ 153.00 per hour
E1-6	Laborer	$ 153.00 per hour
E1-7	Laborer – Overtime	$ 153.00 per hour
E1-8	Truck (35 to 40 foot insulated bucket truck)	$ 33.00 per hour
E1-9	Dump truck (2 to 3 yard)	$ 72.00 per hour

E1-10	Crane (5 to 10 ton)	$ 267.00 per hour
E1-11	Pole truck with pole auger	$ 267.00 per hour
E1-12	Group relamp includes bulb and photocell cleaning and tree trimming five or more per request.	$ 188.00 per lamp
E1-13	Extra Work (includes prices for components applicable to vandalism repairs in excess of the included contract amount)	Labor rate above plus material & equipment
E1-14	HPS starter (all Wattages)	$ 101.00
E1-15	HID ballast (all Wattages, Voltages, types)	$ 311.00
E1-16	Fuse (streetlight KTK)	$ 36.00
E1-17	Cobra lens (dish or flat lens)	$ 116.00
E1-18	Prices below are installed prices-mast arms are 2 inch or larger galvanized heavy duty mast arms.	$ ____
E1-19	3 foot mast arm w/hardware w/o fixture	$ 239.00
E1-20	4 foot mast arm w/hardware w/o fixture	$ 239.00
E1-21	6 foot mast arm w/hardware w/o fixture	$ 311.00
E1-22	8 foot mast arm w/hardware w/o fixture	$ 347.00
E1-23	10 foot mast arm w/hardware w/o fixture	$ 430.00
E1-24	12 foot mast arm w/hardware w/o fixture	$ 644.00
E1-25	50 Watt HPS or MH flat lens cobra on existing mast arm	$ 224.00
E1-26	70 Watt HPS flat lens cobra on existing mast arm	$ 224.00
E1-27	100 Watt HPS flat lens cobra on existing mast arm	$ 246.00
E1-28	150 Watt HPS flat lens cobra on existing mast arm	$ 275.00
E1-29	250 Watt HPS flat lens cobra on existing mast arm	$ 311.00
E1-30	400 Watt HPS flat lens cobra on existing mast arm	$ 311.00
E1-31	Complete installation 6 ft. mast with 50 Watt HPS flat lens cobrahead on existing utility pole	$ 760.00
E1-32	Install 30 ft base mount concrete pole of the same or better quality as the US NGRID Specifications (Assume base is serviceable) with six foot mast arm and 150 watt HPS cutoff fixture. Assume electric feed wire is serviceable to the pole base.	$ 7288.00 each
E1-33	Install 35 ft aluminum pole of a quality as good or better than the US NGRID specifications on existing foundation (Assume foundation is serviceable) with six foot mast arm and 150 watt HPS cobrahead cutoff fixture	$ 7500.00 each
E1-34	Transfer existing mast arm with fixture from old pole to replacement pole in connection with utility company pole replacement.	$ 413.00 each
E1-35	Remove broken non utility wooden pole (assume approximately one to two feet of the old pole is left above ground as from a knockdown) and install new 35 foot wooden pole with standard six foot bracket and 50 watt HPS cut-off fixture. Dispose of old pole.	$ 8795.00 each
E1-36	Standard Material Markup	30 %

*Applies to bulb and photocell replacement or other services working from a bucket truck not requiring licensed personnel.

The City of Lowell
City Hall • 375 Merrimack Street • Lowell, MA 01852
P: 978.970.4110 • F: 978.970.4114
www.LowellMA.gov

September 16, 2014

ADDENDUM #1
RFP #15-29
STREET LIGHT MAINTENANCE

The number of this Addendum, Addendum No. 1, must be entered in the space provided on the Bid Form.

REPLACE:

Bid Summary Totals for each Item

A1

Price per lamp per month $** 1.35 **X 5700 lights X 12 months =$ 92,340.00

A2

Energy Efficiency Upgrades$ N/A

C1

Extra Work

C1-1 Rate/hour $** 182.00 **X 40 hours Total$ 7280.00

C1-2 Overtime Rate/hour$ 221.00 **X 21 hours=Total $** 4641.00

C1-8 35 foot Insulated Bucket Truck Rate $ 33.00 **per/hr X 61hrs =** 2013.00

C1-31 Install new 50w HPS Flat Lens with six foot mast arm on existing Utility wood pole $ 760.00 **X 9 = $** 6840.00

C1-32 Install 30 ft base mount Aluminum pole of the same or better quality as the US NGRID Specifications (Assume base is serviceable) with six foot mast arm and 150 watt HPS cutoff fixture. Assume electric feed wire is serviceable to the pole base.$ 7288.00 **Per pole w/fixture x3 =** 21,864.00

C1-34 Transfer existing mast arm with fixture from old pole to new Pole.$ 413.00 **X 10 = $** 4130.00

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D1a

Emergency Response assume 9 times over three years

Regular rate per trip $ 430.00 **X six times = $** 2580.00 ÷ 3 = 860.00 PY

Overtime Rate per trip $ 508.00 **X three times = $** 1524.00 ÷ 3 = 508.00 PY

TOTAL COMPARATIVE ONE YEAR BID PRICE $ 140,476.00

This is the pricing for one (1) year

TOTAL COMPARATIVE THREE YEAR BID PRICE $ 421,428.00

Use the one year pricing above, multiply by three.

Bidders should note the comparative bid price is the basis for identifying the lowest bid price. The amount of extra work and number of emergency responses are estimates only. Bidders are bound by their bid prices for the three-year term of the contract but the only guaranteed payment quantities is the items A1. Extra work will be on an as needed basis and may be more or less than the estimated amount used for bid comparison.

Note the other pricing sheets contained in the bid must be completed to be considered.

Sincerely

P. Michael Vaughn
Chief Procurement Officer

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SIGNATURE PAGE

This Bid must bear the written signature of the Offeror or authorized agent of the Offeror. If the Offeror is a corporation or a partnership, the Bid must be signed by a duly authorized officer of such corporation or by a partner; the title of such officer must be stated.

Siemens Industry, Inc.

Name of Corporation, Company or Individual

Christopher Romeo

Name of Person Authorized to Sign

Sr. Manager, Operations (Sol. & Serv.)

Title

Signature