

**AUTOMATIC METER READING SYSTEM
DETAILED SPECIFICATION**

From:

TO THE CITY COUNCIL CITY OF CARLYLE, ILLINOIS

“EQUIPMENT FOR AUTOMATIC METER READING SYSTEM AND HOSTING SERVICES” for the MUNICIPAL ELECTRIC and WATER UTILITY.

The undersigned, having familiarized themselves with the local conditions affecting the cost of work and with the Contract Documents, and with the plans and specifications and addenda thereto on file in the office of the Clerk of said Municipality, hereby proposes to perform everything required to be performed and to provide and furnish all of materials, necessary tools, expendable equipment, and transportation services necessary required in furnishing material, accessories, and services as required for an “Automatic Meter Reading System” for the electric and water system which shall become part of the municipal electric and water system, all in accordance with the plans and specifications therefore as prepared by Rothermel Engineering, consulting engineer, including Addenda Nos. ____, ____, and ____, issued thereto, for the following price or prices:

PROPOSAL #1 - INFRASTRUCTURE SERVICES AND MATERIAL:

For services including furnishing and delivery of material as stated in the RFP including determination of and furnishing with delivery the necessary material for a data collection system to collect the metering information, transmit the information to a server and/or local host or remote host, and interfacing with the billing software for:.

- A. Lump Sum for service and material: \$ _____
- B. Number of points requiring Internet Connection: _____
Indicate type of Internet Connection and speed required.
- C. Estimated number of collectors (meter to 1st collector) _____
Price for each additional collector / router \$ _____
- D. Estimated number of 2nd stage collectors: _____
Price for each additional collector / router \$ _____

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- E. Price for each additional device necessary to collect and/or forward data:
\$ _____
Name of the device(s): _____
- F. Delivery of information indicating location of collectors / routers and Internet Connection points after order placed _____ days.
- G. Number of days of training "on-site" or explain by attachment _____ days
Addressed attachment: ___ yes / ___ no
- H. Attach any information deemed necessary to evaluate the proposal.
Additional information attached: Yes _____ No _____

PROPOSAL #2 - LOCALLY HOSTED SYSTEM:

Fee for Locally Hosted System and Software as indicated in the RFP:

- A. Initial Fee: \$ _____
- B. If applicable Annual Fee after first year of service for software upgrade:
\$ _____
- C. Length of time upgrade fee will not increase: _____.
- D. Attach description of system and indicate floor space requirement.

PROPOSAL #3 - REMOTELY HOSTED SYSTEM:

Fee for Remotely Hosted System and Software as indicated in the RFP:

- A. Initial Fee: \$ _____
- B. Annual Fee after first year of service for software upgrades:
\$ _____
- C. Length of time Annual Fee will not increase: _____.
- D. Type of connection and connection requirement the remote network:

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PROPOSAL #4 - SINGLE PHASE ELECTRIC METERS:

For the furnishing and delivery of electric meters as indicated in the RFP and as indicated below in accordance with the accompanying specification with unit pricing as indicated below:

Single Phase Meter - 120/240 volts Class 200 Form 2S:

A. 200A 120/240 Volt Class 200 Form 2S Meter \$ _____ each.
Manufacture and Model # _____

B. Same as A with Remote Disconnect \$ _____ each.
Manufacture and Model # _____

D. Same as B with load limiter \$ _____ each.
Manufacture and Model # _____

E. 320A 120/240 Volt Class 320 Form 2S Meter \$ _____ each.
Manufacture and Model # _____

F. 100A 120 Volt Class 100 Form 1S Meter \$ _____ each.
Manufacture and Model # _____

G. 60A 120 Volt Class 20 Form 1S Meter \$ _____ each.
Manufacture and Model # _____

H. 20A 120 Volt Class 20 Form 3S Meter \$ _____ each.
Manufacture and Model # _____

I. 20 A 120/240 Volt Class 20 Form 4S Meter \$ _____ each.
Manufacture and Model # _____

J. Project is anticipated to take 2 years, indicate time frame pricing will be firm and maximum percentage increase after that time frame for 24 months after the first order is placed.

1) Metering Pricing Firm until: _____

2) Maximum Percentage increase during the next 24 months: _____ %

K. Delivery of Equipment after each order placed: _____ calendar days.

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PROPOSAL #5 - THREE PHASE ELECTRIC METERS:

For the furnishing and delivery of electric meters as indicated in the RFP and as indicated below in accordance with the accompanying specification with unit pricing as indicated below:

Three Phase Meters - Nominal Voltage Range 120-277 - With Load Profile

A. 20A Three Phase Meter - Transformer Rated Class 20 Form 9S for 4 Wire Wye or Delta:
\$ _____ each.

Manufacture and Model # _____

B. 200A Three Phase Self Contained Meter - Class 200 Form 16S for 4 Wire Wye or Delta
\$ _____ each.

Manufacture and Model # _____

C. 200A Three Phase Self Contained Meter - Class 200 Form 12S for 3 Wire Delta
\$ _____ each.

Manufacture and Model # _____

E. 20A Three Phase Meter - Transformer Rated Class 20 Form 9S for 4 Wire Wye or Delta:
\$ _____ each.

Manufacture and Model # _____

D. 20A Three Phase Meter - Transformer Rated Class 20 Form 5S for 3 Wire Delta:
\$ _____ each.

Manufacture and Model # _____

E. Project is anticipated to take 2 years, indicate time frame pricing will be firm and maximum percentage increase after that time frame for 24 months after the first order is placed.

1) Metering Pricing Firm until:

2) Maximum Percentage increase during the next 24 months: _____ %

F. Delivery of Equipment after each order placed: _____ calendar days.

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PROPOSAL #6 - WATER METERS:

For the furnishing and delivery of water meters and accessories as indicated in the RFP and as indicated below in accordance with the accompanying specification for the sum of as indicated below in accordance with the accompanying specification for the sum of:

- A. 3/4" Water Meter \$ _____ each.
Manufacture and Model #

- B. 1" Water Meter \$ _____ each.
Manufacture and Model #

- C. 1½" Water Meter \$ _____ each.
Manufacture and Model #

- D. 2" Water Meter \$ _____ each.
Manufacture and Model #

- E. 3" Water Meter \$ _____ each.
Manufacture and Model #

- F. 4" Water Meter \$ _____ each.
Manufacture and Model #

- G. Project is anticipated to take two to four years, indicate time frame pricing will be firm and maximum percentage increase after that time frame for 24 months after the first order is placed.
 - 1) Metering Pricing Firm until:
 - 2) Maximum Percentage increase during the next 24 months: _____ %

- H. Delivery of Equipment after each order placed: _____ calendar days.

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PROPOSAL #7 - INSTALLATION OF ELECTRIC METERS (PROPOSAL 4 & 5):

Unit pricing for installation of electric meters as described in Proposal 4 and 5 in accordance with this inspection for:

- A. Charge per Single Phase Meter Installation: \$ _____
- B. Charge per Three Phase Meter Installation: \$ _____
- C. Minimum number of meters for unit pricing to apply: _____
- D. Preferred number of meters to be scheduled per installation cycle _____
- E. Estimated number single phase meters to be installed per day _____
- F. Estimated number of three phase meters installed each day _____
- G. Attached additional details - Yes _____ No _____

It is hereby understood and agreed that the Engineer will make recommendation, and the City Council will award a contract.

It is understood and agreed by the undersigned that the Municipality reserves the unrestricted privilege to reject any or all of the foregoing proposals indicated above which the Municipality may consider excessive or unreasonable; to accept any or all of such proposals which it may consider fair and reasonable.

For establishing the amount of the performance bond it shall be the total of Proposal #1, Proposal #2 or #3 (whichever applies) and 1500 single phase electric meters (Proposal #4 A) and 1500 water meters (Proposal #6A).

If awarded a contract, the undersigned agrees to commence work on this contract within ten (10) days after formal notification of award and to complete the deliveries within the time limit as indicated.

The above delivery dates and times are to be filled in by the bidder before submitting their proposal.

Accompanying this proposal is a certified check, bid bond, government bonds, or cash, in the amount of: five thousand dollars (\$5,000) payable to the order of the City of Carlyle, Illinois, which it is agreed will be forfeited to said Municipality, if the undersigned fails to execute a contract and furnish a performance bond within ten (10) days after notification of the award of the contract to the undersigned. In submitting this bid, it is understood that the right is reserved by the Municipality to reject any and all bids and to waive any informalities in the bidding.

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It is agreed that this bid may not be withdrawn for a period of sixty (60) days from the date of opening thereof.

Date _____, 2017.

Official Address: _____

Firm Name: _____

By _____

Title _____

(Note: Any conditions or qualifying statements to this bid may cause the bid to be declared irregular and not responsive to the Invitation for Bids. - Any exceptions shall be clearly listed indicating what exception is being taken and why.)