



**PROJECT:** SCADA System Upgrade  
 Remaining Water System Sites  
 Homewood, IL.

**TO:** Mr. Josh Burman - Homewood, IL. Public Works

We are pleased to have the opportunity to provide this QUOTATION for equipment and services for the subject project.

QTY	DESCRIPTION
1/L	<p><b><u>Central Elevated Tank</u></b></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> <li>1 Programmable Logic Controller (Allen Bradley PLC including Memory Module)</li> <li>1 7" Touchscreen (To be Mounted on Existing Enclosure Door)</li> </ul> <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> <li>1 Modem Reboot Relay</li> <li>1 Temperature Sensor</li> </ul> <p>1/L Cellular Antenna &amp; Cables</p> <p>1/L Labor &amp; Materials to Remove Existing PLC &amp; Radio Components and Install New</p> <p><i>Note: Existing Enclosure, Power Supply, UPS &amp; Instrumentation to be Re-Used</i></p>
1/L	<p><b><u>West Elevated Tank</u></b></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> <li>1 7" Touchscreen (Mounted on Existing Sub-panel with stand-offs)</li> </ul> <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> <li>1 Modem Reboot Relay</li> </ul> <p>1/L Heater, Thermostat, Temperature Sensor</p> <p>1/L Cellular Antenna &amp; Cables</p> <p>1/L Labor &amp; Materials to Remove Existing PLC &amp; Radio Components and Install New</p> <p><i>Note: Existing Enclosure, PLC, UPS &amp; Instrumentation to be Re-Used</i></p>

**TERMS: Net 30 days from date of invoice. All invoices are payable in full when due, with no retainage allowed.**

THIS QUOTATION, SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE HEREOF, MAY BE ACCEPTED ONLY BY SIGNING ONE COPY OF THIS QUOTATION AND RETURNING IT TO METROPOLITAN PUMP CO. NOT LATER THAN THE DATE INDICATED ON THE FACE HEREOF AFTER WHICH THIS QUOTATION IS VOID. THIS QUOTATION AFTER ACCEPTANCE BY BUYER MAY BE CANCELLED BY EITHER PARTY WITH NO PENALTY ONLY IF ENGINEER FAILS TO APPROVE SELLERS APPROVAL BROCHURE.

Accepted:	_____	Quotation No:	Keith100724MS
Firm:	_____	Submitted:	October 7, 2024
By:	_____	Void after:	December 1, 2024
Title:	_____	Prepared By:	Keith Girup

Homewood.RemainingWaterSitesSCADAUpgrade.Quotation



**PROJECT:** SCADA System Upgrade  
 Remaining Water System Sites  
 Homewood, IL.

QTY	DESCRIPTION
1/L	<p><b><u>East Elevated Tank</u></b></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> <li>1 Programmable Logic Controller (Allen Bradley PLC including Memory Module)</li> <li>1 7" Touchscreen (To be Mounted on Existing Enclosure Door)</li> </ul> <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> <li>1 Modem Reboot Relay</li> <li>1 Temperature Sensor</li> </ul> <p>1/L Cellular Antenna &amp; Cables</p> <p>1/L Labor &amp; Materials to Remove Existing PLC and Install New</p> <p>1/L Labor &amp; Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Enclosure, Power Supply, UPS &amp; Instrumentation to be Re-Used</i>  <i>Existing Radio Components to remain as-is for existing lift stations still utilizing Radio Comm.</i></p>
1/L	<p><b><u>Flossmoor Meter Vault</u></b></p> <p>1/L New Control / SCADA Components Including:</p> <ul style="list-style-type: none"> <li>1 Programmable Logic Controller (Allen Bradley PLC including Memory Module)</li> <li>1 7" Touchscreen (To be Mounted on Existing Enclosure Door)</li> </ul> <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> <li>1 Modem Reboot Relay</li> <li>1 Temperature Sensor</li> </ul> <p>1/L Cellular Antenna &amp; Cables</p> <p>1/L Labor &amp; Materials to Remove Existing PLC &amp; Radio Components and Install New</p> <p>1/L Labor &amp; Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Enclosure, UPS &amp; Instrumentation to be Re-Used</i></p>

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Homewood.RemainingWaterSitesSCADAUpgrade.Quotation



**PROJECT:** SCADA System Upgrade  
 Remaining Water System Sites  
 Homewood, IL.

QTY	DESCRIPTION
1/L	<p><b>183rd Street Booster Pump Station</b></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> <li>1 Sub-panel and mounting bracket for installation into existing enclosure</li> <li>1 Programmable Logic Controller (Allen Bradley PLC including Memory Module)</li> <li>1 7" Touchscreen (To be Mounted on Existing Enclosure Door)</li> </ul> <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> <li>1 Modem Reboot Relay</li> </ul> <p>1/L Heater, Thermostat, Temperature Sensor</p> <p>1/L Cellular Antenna &amp; Cables</p> <p>1/L Labor &amp; Materials to Remove Existing PLC &amp; Radio Components and Install New</p> <p>1/L Labor &amp; Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Motor Starting and Power Distribution Components to be Re-Used</i></p> <p><i>Note: Existing Instrumentation to be Re-Used</i></p>
1/L	<p><b>Water Pump Station #2</b></p> <p>1/L New Control / SCADA Components Including:</p> <ul style="list-style-type: none"> <li>1 Programmable Logic Controller (Allen Bradley PLC including Memory Module)</li> <li>1 10" Touchscreen (To be Mounted on Existing Enclosure Door)</li> </ul> <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> <li>1 Modem Reboot Relay</li> <li>1 Temperature Sensor</li> </ul> <p>1/L Cellular Antenna &amp; Cables</p> <p>1/L Labor &amp; Materials to Remove Existing SCADA Components and Install New Components</p> <p>1/L Labor &amp; Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Motor Starting and Power Distribution Components to be Re-Used</i></p> <p><i>Note: Existing Instrumentation to be Re-Used</i></p> <p><i>Note: The new PLC will be responsible for reservoir control in lieu of the existing Cla-Val controller.</i></p>

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QTY	DESCRIPTION
1/L	Field Installation Labor & Materials
1/L	Freight
1/L	Submittal Engineering / O&M Documentation
1/L	PLC Programming
1/L	HMI Graphical Development
1/L	MetroCloud SCADA Software Integration
1/L	Automated IEPA Report Generation
1/L	Testing / Training

Your COST for the described equipment and services is:

**\$145,461.00**

Notes & Clarifications:

- \* Equipment Specific Details will be provided in the engineered submittals.
- \* Existing Instrumentation to be repurposed for use with new SCADA / Control Equipment unless detailed herein.
- \* Existing Conduits to be repurposed for use with new SCADA / Control Equipment unless detailed herein.
- \* The monthly cellular communication fee for (6) Verizon Private IP Network connections to the MetroCloud SCADA Software Application is \$330. This service fee will be invoiced separately.

**Not Included:** Taxes, Permits, Fees, Special Licenses, Overtime Labor, MetroCloud Monthly Fee and Anything not listed.

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STANDARD CONDITIONS OF SALE  
(Domestic Shipments)

1. TERMS

Standard terms are net thirty days from date of invoice. Products are sold F.O.B. Factory unless otherwise stated. A 2% per month service charge is added to overdue accounts.

It is understood that the purchaser agrees to pay any and all costs incurred in collecting delinquent accounts, including by way of illustration but not limited to: reasonable attorney fees; costs of witnesses and expert witnesses, including travel from point of origin and return, subsistence and recompense for time lost from regular occupation; court costs, depositions, transcripts, etc.

Quotations are subject to acceptance within thirty days from the date, and in the interim, are subject to changes in price or other particulars upon notice.

All offers to purchase, quotations, and contracts of sales are subject to final acceptance by Metropolitan Pump (hereinafter called the Company) at its office at Romeoville IL: and shall be and constitute an Illinois Contract, subject to the laws of the State of Illinois.

2. SALES AND SIMILAR TAXES

Sales, use, occupational, excise, or other similar taxes are not included in the prices quoted and if this transaction is subjected to any such tax by any taxing authority whatever, the same must be added to the purchase price.

3. DELIVERIES

The Company shall be under no liability for failure to make deliveries where such failure to deliver may be due to fires, strikes, accidents, labor or transportation difficulties, car shortage, failure to obtain deliveries of materials, action of any State, Federal or local governments or other causes beyond its reasonable control.

4. ESTIMATED SHIPPING WEIGHTS

The Company will not be responsible for the accuracy of shipping weights submitted in quotations, as these weights are estimated weights, for use in computing probable freight charges.

5. GUARANTEES

RATED OUTPUT

The Company guarantees that the apparatus manufactured by it will deliver successfully its output as indicated on the nameplate, provided such apparatus is properly installed and maintained, correctly lubricated, operated under normal conditions and with competent supervision.

REPLACEMENT OF DEFECTIVE MATERIAL

Any pans which show faulty workmanship or material will be repaired or replaced without charge F.O.B. Company's works, provided such defects develop under normal and proper use within three months after date of shipment and provided Purchaser shall give notice in writing to the Company and a chance to inspect such defects before repairing or altering the product in any way. The correction of such defects by repair or replacement by the Company shall constitute a fulfillment of its obligation to the Purchaser.

NON-LIABILITY FOR LOSS OR DAMAGE

The Company will not be responsible for or liable for any loss or damage resulting from improper storage or handling prior to placing the apparatus in service and will not assume any responsibility, expense or liability for repairs made outside its works without proper written consent of the company. The Company will not be responsible or liable for any damage or loss resulting from installation or operation in any manner not complying with installation or operating instructions or drawings or with the ratings marked thereon.

CONTINGENT LIABILITY

The Company will not be responsible or liable in any way for consequential damage or contingent liability resulting from nondelivery, late delivery, function, malfunction or nonfunction or any equipment sold hereunder or resulting from any service provided or from malfeasance or nonfeasance of any service provided hereunder.

6. CHANGES

In event the Purchaser finds it necessary to make changes in the work to be performed hereunder, he may do so only by written order. If such changes cause an increase or decrease in the amount due for apparatus sold hereunder, or in the time required for completion of resulting order, an equitable adjustment shall be made and the order shall be modified accordingly.

7. TERMINATION

In the event Purchaser, due to good and sufficient cause, desires to effect cancellation of sales or services sold hereunder, notice shall be given in writing to the Company.

The Company shall thereupon, as directed, cease work and deliver to the Purchaser all completed and partially completed articles and materials and work in process. The Purchaser shall pay the Company the following:

(a) The price provided in the order for all articles or materials which have been completed prior to termination.

(b) Actual expenditures made by the Company in connection with the incompleting portion of the order, including reasonable cancellation charges paid by the Company for which it may be liable on account of commitments made under the order.

(c) Reasonable estimated profits on the incompleting portion of the order multiplied by the percentage of completion of the incompleting portion of the order.

8. DEFERRED DELIVERIES

Deferred deliveries are subject to Company's approval. Should the Purchaser for good and sufficient cause desire that we hold up or defer deliveries until some later day, same shall be acceptable on the following conditions only:

(a) Deferment period is not to exceed sixty days, at the end of which time, if no release is given, Company reserves the right to render invoice and make shipment of the completed portion of order to destination specified in Purchaser's order, or to warehouse such apparatus at Purchaser's expense.

(b) On the incompleting portion of the order, if release is not given by the Purchaser at the expiration of sixty days, the Company reserves the right to make a cancellation charge on the same conditions and terms of payment as outlined above under "Termination."

9. PATENTS

The Company certifies that to the best of its knowledge the apparatus sold hereunder does not infringe any Patent granted to others by the United States of America or by any country foreign thereto. The Company does not assume any responsibility or liability for any claim of infringement brought against the Purchaser, its successors, assigns, customers or users of its product.

10. PAYMENTS

If, in the judgment of the Company, the financial condition of the Purchaser at any times does not justify continuance of the production or shipment on the terms of payment specified, the Company may require full or partial payment in advance.

Pro rata payments shall become due as shipments are made. If shipments are delayed by the Purchaser, payments shall become due from date when the Company is prepared to make shipment. If manufacture is delayed by the Purchaser, payment shall be made based on the contract price and the percentage of completion. Apparatus held for the Purchaser shall be at the risk and expense of the Purchaser.

11. FEDERAL AND STATE LAWS

The Company, to the best of its knowledge, is complying with The Fair Labor Standards Act, Public Contracts Act and all other applicable State and Federal Laws, and the orders and regulations issued thereunder.

12. GENERAL

There are no understandings, agreements or warranties, either verbal or written, relating to the apparatus sold hereunder that are not fully expressed herein and no change in the terms hereof may be made except by a writing signed by both parties.

No statement, recommendation or assistance made or offered by Company through its representatives to the Purchaser or his representatives in connection with the use of any product sold by us shall be or constitute a waiver by Company of any of the provisions hereof or change the purchaser's liability as herein defined.

Seller represents that with respect to the production of the articles and/or the performance of the services covered by this proposal, it has fully complied with Section 12 (a) of the Fair Labor Standards Act of 1938, as amended.