

RESOLUTION NO. 1314-010

East Peoria, Illinois

_____, 2013

RESOLUTION BY COMMISSIONER _____

WHEREAS, the Department of Public Works has proposed the conversion of all remaining manually read water meters utilized by the Department to automatic radio-read meters; and

WHEREAS, the conversion of manually read meters to auto read meters offers the following benefits:

- A. The reassignment of a water department meter reader to other duties;
- B. More efficient and accurate measure of water consumption;
- C. Elimination of estimated bills during the winter months;
- D. Reduction in the number of injuries to meter readers; and

WHEREAS, Badger Meter Company ("Badger Meter") has offered to provide a Badger Premium ORS mobile reading system consisting of Badger Orion Software and approximately 6,700 Bader Orion auto read meters (collectively the "Auto Read System") at a cost of \$1,052,384.75 all as described at "Exhibit A" attached hereto; and

WHEREAS, Professional Meter Inc. ("PMI") has offered to install the Auto Read System at a cost of \$602,834.28 as described at "Exhibit B" attached hereto; and

WHEREAS, the City will solicit proposals to finance the system with debt service payable from water and sewer revenues;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF EAST PEORIA, TAZEWELL COUNTY, ILLINOIS, THAT:

Section 1. The City Administrator or his designee is hereby authorized and directed to enter into an agreement with Badger Meter under such terms and conditions as the Mayor in his discretion may approve to purchase the Auto Read System from Badger Meter at a cost of \$1,052,384.75.

Section 2. The City Administrator or his designee is hereby authorized and directed to enter into an agreement under such terms and conditions as the Mayor in his

discretion may approve to authorize PMI to install the Auto Read System at a cost of \$602,834.28.

APPROVED:

Mayor

ATTEST:

City Clerk

EXHIBIT A

QUOTATION



4545 W Brown Deer Road Milwaukee WI 53223
 PO Box 245036 Milwaukee WI 53224-9536
 Phone: 800-876-3837 Fax: 888-371-5982
 Customer Service Rep: bwagner@badgermeter.com

Quotation No.112421

TO RAY ROESE
 EAST PEORIA WTR DPT
 2232 E WASHINGTON ST
 EAST PEORIA IL 61611

CUSTOMER ID: 1215242

Phone:

Fax:

E-mail: rayroese@cityofeastpeoria.com

EFFECTIVE DATES: 6/1/2013-5/30/2014

SALESPERSON	PROPOSAL SUBJECT	SHIPPING TERMS/INCO TERMS	PAYMENT TERMS
008331 Charles Tindall	ORION CE Mobile Mktg Program	PREPAY/NO CHARGE For SHIPMENTS > \$15,000 FCA FACTORY	NET 30 DAYS

LINE #	DESCRIPTION	QTY	UNIT NET PRICE USD	LINE TOTALS USD
1	READCENTER, for up to 10,000, New Customer Agreement, 5 User Licenses, Route Management Activation, MRI-0000-0433	1	\$22,000.00	\$22,000.00
2	Premium ORS Mobile Reading System, US CENSUS BUREAU Mapping Software, Orion DP Viewer Software, ORION CE Drive By Receiver, for up to 10,000, New Customer Agreement, MRI-0000-1034	1	\$0.00	\$0.00
3	Training 2 Days, On-Site, MRI-0000-0057	1	\$0.00	\$0.00
4	Registration for, RCDL M25 Disc Meter, 5/8", RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Integral Indoor-Outdoor, Factory Pre-Wired, 3 ft Break-Away Wire, UM1-0001-2542	50	\$0.00	\$0.00

THANK YOU FOR YOUR BUSINESS!

This quotation is an offer, made subject to the terms & conditions found on our website: www.badgermeter.com/Company/Legal/Sales_Terms.aspx
 Quoted prices are firm for acceptance, no in order, when the effective dates are used, shipping within 90 calendar days past the expiration of this quotation.



Badger Meter

QUOTATION

Quotation No.112421

SUBTOTAL-USD	\$22,000.00
TOTAL PRICE-USD	\$22,000.00

Notes and Assumptions:

"Badger Meter provides a certification file for utilities to help manage their meter and endpoint inventory and to maintain their meter accuracy data in an electronic format. The electronic certification file data will be provided upon request to the utility's designated user via e-mail, in our standard format. Any deviations or custom file formats required will be considered on a time and materials basis. Please contact Badger Meter's technical support group for information on custom electronic certification file formats."

If applicable, sales tax and freight charges will be added at time of invoice.

Actual lead time to be provided at time of order.

If you have any questions concerning this quotation, please contact: Charles Tindall, 800-876-3837
xt16511, ctindall@badgermeter.com

To place an order, please contact: Brigitte Wagner, 800-616-3837, bwagner@badgermeter.com

Official authorized quote of Badger Meter Inc.

Charles Tindall, Account Mgr. West

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Badger Meter

QUOTATION

Quotation No.112419

4545 W Brown Deer Road Milwaukee WI 53223
PO Box 245036 Milwaukee WI 53224-9536
Phone: 800-876-3837 Fax: 888-371-5982
Customer Service Rep: bwagner@badgermeter.com

TO Ray Roesa
CITY OF EAST PEORIA
2232 E WASHINGTON
EAST PEORIA IL 61611
Phone: 1-309-698-4715

CUSTOMER ID: 121524

Fax:

E-mail: rayroese@cityofeastpeoria.com

EFFECTIVE DATES: 6/1/2013-5/30/2014

SALESPERSON	PROPOSAL SUBJECT	SHIPPING TERMS/INCO. TERMS	PAYMENT TERMS
008331 Charles Tindell	CRION CE Proposal	PREPAY/NO CHARGE For SHIPMENTS > \$15,000 FCA FACTORY	NET 30 DAYS

LINE #	DESCRIPTION	QTY	UNIT NET PRICE USD	LINE TOTALS USD
1	RCDL M25 LL Disc Meter (NSF 61-G), 5/8" X 3/4-3/4 Bore (3/4 X 7 1/2), Cast Iron Bottom, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire, UM1-0006-0879	6026	\$141.18	\$850,750.68
2	RCDL M70 LL Disc Meter (NSF 61-G), 1" (1 X 10 3/4), Cast Iron Bottom, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire, UM1-0006-2436	518	\$240.00	\$124,320.00
3	RCDL M120 LL Disc Meter (NSF 61-G), 1 1/2", Elliptical Long Drilled, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire, UM1-0007-3352	17	\$350.95	\$5,966.15
4	RCDL M170 LL Disc Meter (NSF 61-G), 2", Elliptical Long	26	\$471.50	\$12,259.78

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Badger Meter

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Quotation No.112419

LINE #	DESCRIPTION	QTY	UNIT NET PRICE USD	LINE TOTALS USD
	Drilled, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire. UM1-0007-3353			
5	RCDL Turbo Series Meter LL (NSF 61-G), 2", Round, Without Integral Strainer, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire. UM1-0007-3714	2	\$624.71	\$1,249.42
6	RCDL Turbo Series Meter LL (NSF 61-G), 3", Round, Without Integral Strainer, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire. UM1-0006-0884	1	\$727.20	\$727.20
7	RCDL Turbo Series Meter LL (NSF 61-G), 4", Round, Without Integral Strainer, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire. UM1-0006-0886	1	\$1,050.40	\$1,050.40
8	RCDL Turbo Series Meter LL (NSF 61-G), 6", Round, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire. UM1-0006-0888	1	\$2,455.20	\$2,455.20
9	RCDL Turbo Series Meter LL (NSF 61-G), 8", Round w/Test Plug, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Indoor-Outdoor, Factory Pre-Wired, 10 ft Wire. UM1-0006-0889	1	\$2,709.60	\$2,709.60
10	RCDL Compound Series Meter LL (NSF 61-G), 3", Round w/Test Plug, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Integral Indoor-Outdoor, Factory Pre-Wired, 3 ft Break-Away Wire. UM1-0006-2438	4	\$1,633.36	\$6,533.44
11	RCDL Compound Series Meter LL (NSF 61-G), 4", Round w/Test Plug, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Gray) ORION Data Profiling, FHSS, Integral Indoor-Outdoor, Factory Pre-Wired, 3 ft Break-Away Wire. UM1-0006-2439	4	\$2,515.75	\$10,063.04
12	RCDL Compound Series Meter LL (NSF 61-G), 6", Round w/Test Plug, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Integral Indoor-Outdoor, Factory Pre-Wired, 3 ft Break-Away Wire. UM1-0007-3355	2	\$3,596.58	\$7,193.12

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Badger Meter

QUOTATION

Quotation No.112419

LINE #	DESCRIPTION	QTY	UNIT NET PRICE USD	LINE TOTALS USD
13	RCDL Combo LL (NSF 61-G). 8". Round, Less Connections, RTR, Gallon, Plastic Shroud / Plastic Lid (Black) ORION Data Profiling, FHSS, Integral Indoor-Outdoor, Factory Pre-Wired, 3 ft Break-Away Wire, UM1-0006-2456	1	\$5,106.72	\$5,106.72
SUBTOTAL-USD				\$1,030,384.75
TOTAL PRICE-USD				\$1,030,384.75

Notes and Assumptions:

Badger Meter can provide utilities with a certification file to help manage meter and endpoint inventory, and to maintain meter accuracy. Upon request, we will provide this data in an electronic format to the utility's designated end-user. Please note that our standard method of delivery is via electronic mail, and any deviations from this format, or any custom file formats, will be considered on a time and material basis. Please contact the Badger Meter Technical Support group (800-456-5023) for more information on custom electronic certification file formats.*****Prices quoted may be increased in proportion to an increase in the Producer Price Index for Copper Alloyed, Unalloyed as reported by the U.S. Department of Labor. The base index for this quote shall be the January 2013 index of 534.2. Increases in prices will be no more frequent than every 3 months if necessary. An increase in price may be implemented for every 10 point increase in the Producer Price Index for Copper Alloyed, Unalloyed. If applicable, sales tax and freight charges will be added at time of invoice.

Actual lead time to be provided at time of order.

If you have any questions concerning this quotation, please contact: Charles Tindall, 800-876-3837
 xt16511, ctindall@badgermeter.com
 To place an order, please contact: Brigitte Wagner, 800-616-3837, bwagner@badgermeter.com

Official authorized quote of Badger Meter Inc.
 Charles Tindall, Account Mgr. West

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EXHIBIT B



Professional Meters, Inc.
3605 North Rte. 47 • Suite E
PO Box 506
Morris, IL 60450
P: 815.942.7000 • F: 815.941.1091
www.prometers.com

April 4, 2013

Ray Roese
Water Supervisor
City of East Peoria
2232 E. Washington Street
East Peoria, Illinois 61611

RE: Updated Rev3: Bid for Installation of Badger Meters and Orion AMR Transmitters for the City of East Peoria, Illinois

Dear Mr. Roese:

Professional Meters, Inc. (PMI) is pleased to provide you with the attached proposal and pricing for installation services associated with the above referenced project. PMI understands that the City of East Peoria (City) is interested in completing the deployment of a Badger Orion driveby AMR system.

General Assumptions

Meters are generally in pits located outdoors. PMI will remove the old meter and replace it with a new meter and encoder register potted to an Orion transmitter. The transmitter will be mounted through a hole in the existing pit lid cut by PMI.

A separate price is provided for indoor meter, appointment required residential meter installations. PMI will make up to three attempts to schedule an appointment prior to seeking City assistance to get appointment.

PMI understands that there are some meters already equipped with a Badger Orion transmitter. These meters are not included in the scope of this project.

All field collected installation data will be recorded via handheld computer. This data will be reviewed and then formatted and submitted to the City for upload to its billing system on a schedule prescribed by the City.

PMI uses a proprietary installation tracking system which includes deployment of a password protected web-based portal. Via the Project Web Portal, City personnel will have access to a wide variety of project tracking statistics, installation data, problem logs, inventory tracking systems, and progress reports.



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In exchange for the salvage value of the old meters, PMI will provide warehouse space for the City provided meters and transmitters during the duration of this project. PMI will store these meter such that an individual meter can be retrieved in the event of a billing dispute. Meters will be held for at least one billing cycle prior to being disposed or recycled.

➤ **Water Meter Installation Procedures:**

- PMI will remove soil from around a buried meter sufficient to allow for the removal and replacement of that meter.
- PMI will pump water out from a submerged meter pit.
- PMI will cut a hole in the existing meter pit lid suitable for mounting the Orion transmitter.
- If-needed, PMI will supply an expansion connector for each 1" and ¾" pit set meter replaced. The unit price listed in the cost table includes the supply and installation of these expansion wheels.
- PMI will remove the old meter and install the new meter with new gaskets such that the meter does not leak from the existing service line couplings/flanges.
- PMI will collect an old meter reading, tag the old meter, and temporarily store the old meter. Old meters will be stored such that it is possible to retrieve a given meter in the event the City needs to verify an old meter reading.
- PMI will collect required installation data for upload into City's billing system.
- Over the duration of the project, some service locations may be turned back to City for repair if the meter service is deemed "inaccessible." Once the repair is made by City PMI will return and install the new meter and AMR transmitter using normal installations techniques so long as repairs are made prior to PMI completing the project.
- "Inaccessible" is generally defined as a meter service location that is in a condition that prevents the removal of the existing meter and installation of a new meter using reasonable installation techniques. Conditions that may cause a meter to be classified as "inaccessible" include:
 - Locations where a faulty valve prevents PMI from shutting off the water to the point where changing the meter is not practicable.
 - Locations where the meter flange or coupling is located outside of the meter pit or is cased in concrete making it inaccessible.
 - Locations that cannot be reached and require that the lid ring and/or meter vault be removed to facilitate access. The exception to this is that PMI will remove the existing pit ring if the pit is in soil and the ring can be removed using nominal effort. No re-sodding or re-seeding will be performed if this is necessary.
 - Meters where the City customer prevents PMI from accessing the meter after three documented attempts are made to perform the changeout or schedule an appointment.
- Services turned back to the City for repairs/remedy are assumed to be corrected in a timely fashion. If corrections are not made, it is assumed the required metering products (meter, register, and transmitter) will be turned over to representatives of City for installation at their convenience. As noted, PMI will also be available to assist in completing these repairs if requested by the City.



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City Required Assistance

- City assistance may be required for difficult to locate meters.
- City assistance to gain access to locations where customer refuses or does not respond to notifications requesting access.
- Safe access to all meters, including keys if available.
- Assistance, if-needed, to shutoff water to a specific service address in the event a line-break does occur during meter replacement activities.
- Repair of old or leaking water service pipe that may have occurred prior to or during meter changeout activities but is not a result of negligence on the part of the PMI installer. Likely causes for this are deteriorated piping or pre-existing damage to the service line or fittings.
- Uploading installation data to the City billing system. PMI will collect and properly format the data such that it is suitable for automated upload to the customer's billing system.

Proposed COST to Perform the Project

Following is a summary of the proposed cost to perform this project. This is a unit price contract. Therefore, the City will only be billed for work actually completed.

Description	Qty.	Unit	Unit Price	Total Price
Meter Installation				
5/8" x 3/4" PD Meter, Pit Set Meter with Expansion Wheel Provided by PMI*	6,026	Each	\$ 75.00	451,950.00
5/8" x 3/4" PD Meter, Indoor Meter, No Expansion Wheel Required. Appointment Required.**	100	Each	\$ 67.00	6,700.00
1" PD Meter, Pit Set Meter with Expansion Wheel Provided by PMI	468	Each	\$ 82.00	38,376.00
1" PD Meter, Indoor Meter, No Expansion Wheel Required. Appointment Required.**	50	Each	\$ 68.00	3,400.00
1-1/2" Meter	17	Each	\$ 200.00	3,400.00
2" Meter	28	Each	\$ 300.00	8,400.00
3" Meter	4	Each	\$ 400.00	1,600.00
4" Meter	4	Each	\$ 500.00	2,000.00
6" Meter	2	Each	\$ 725.00	1,450.00
8" Meter	1	Each	\$1,000.00	1,000.00
Lid Modification (Drilling)	6,700	Each	\$ 10.00	67,000.00
TOTAL INSTALLATION LABOR	6,700			585,276.00
Optional Items				
Plumber Rate		Hour	\$ 92.00	
Labor Rate		Hour	\$ 62.00	



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Notes:

* The City has two styles of 3/4" expansion wheels. This price includes the supply of the appropriate expansion wheel at each pit installation.

** For Appointment Required meters, PMI will send up to three notices prior to seeking City Assistance to gain access to meter.

Quantities are estimated only. Unit pricing will apply to actual quantities completed.

Additional materials provided by PMI (not in scope) charged at cost plus 15%.

Add 3% to total bid if Performance and Payment Bond is required.

Schedule

PMI understands that award of this project is anticipated in approximately June 2013 with the goal being to complete targeted installations prior to the end of 2013. PMI's pricing is firm during this timeframe. PMI assumes product will be provided in sufficient quantity to allow for the uninterrupted installation of this project in a single mobilization.

Closing

PMI welcomes the opportunity to provide this proposal to the City. We believe the costs to perform these services are both reasonable and value-added. Our experience performing metering system upgrade programs can be brought to bear to help make the execution of this program quick and successful. Should you have any questions regarding this proposal, do not hesitate to contact me at 815-413-0203 (cell 815-405-8558) or via email at: john.cummings@prometers.com.

Respectfully Submitted,
PROFESSIONAL METERS, INC.



John R. Cummings, P.E.
Vice President



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