



**AGENDA ITEM # 13A**

**AGENDA ITEM EXECUTIVE SUMMARY**

**Village Board Meeting**

**January 14, 2019**

**Item Title: Water Meter Purchase**

**Staff Contact: Karen R. Young, P.E., CFM, Public Works Director**

**VILLAGE BOARD ACTION**

**Adopt a resolution waiving the Village's competitive bid process and authorizing the purchase of water meters from Badger Meter in an amount not to exceed \$82,000.00.**

**Executive Summary:**

The Public Works Department is responsible for the replacement of water meters that are in place throughout the community. There are currently 8380 water meters that are in service, which were supplied by Badger Water Meter. Badger Meter has been the sole source supplier of Roselle's water meters since 1982. The Village's current and future water meter reading equipment/software was supplied/created by Badger Meter and is not compatible with other water meter manufacturer's equipment.

Since the arrival of Lake Michigan water in 1992, the goal was to replace meters when they reach 20 years of service. We have lagged behind that goal for a variety of reasons. During the mid-late 90's there was substantial funding allocated towards the completion of the first automation project creating an influx of new meters to the system. In addition, during times where substantial development takes place in the community there is also a large number of meters installed all at one time. When there is a large influx of new meters, it creates a large amount of meters that reach the end of life at the same time. Public Works is working to spread out meter replacements to address the financial and workload needs of the Village.

In 2019, 3314 meters will be over 20 years old. The current budgeted amount for meter replacement is \$82,000, which will equate to approximately 450 being replaced. This will leave the age of our oldest meters circa 1995 or 28 years old. By continuing to replace approximately 425 - 450 meters per year will reach the goal of no meter older than 20 years old by 2027. We will continue to replace older water meters with ones that are compatible with the existing and future equipment.

Badger Meter has been around for over 100 years and has provided excellent service to the Village. Staff recommends the Village Board waive the formal bidding procedure and

approve the purchase of water meters from Badger Meter in the amount not to exceed \$82,000.

**Implications:**

**Is this item budgeted?** Yes. There is sufficient funds in the Water and Sewer Operating Fund (5191830 62235) in the amount of \$82,000.

**Any other implications to be considered?** None

**Attachments:**

Quote – Badger Meter

**RESOLUTION NO. 2019-**

**A RESOLUTION WAIVING THE VILLAGE'S COMPETITIVE BID PROCESS AND AUTHORIZING THE PURCHASE OF WATER METERS FROM BADGER METER IN AN AMOUNT NOT TO EXCEED \$82,000.00.**

WHEREAS, the Village's Purchasing Policy requires a competitive bid process for purchases exceeding \$20,000; and

WHEREAS, the Village's Purchasing Policy permits the Village Board to waive competitive bidding in certain circumstances including the purchase of equipment that is available only from a single source (known as a sole source purchase);

WHEREAS, the Public Works Department is desirous of purchasing water meters that can be obtained only from the manufacturer, Badger Meter; and

WHEREAS, Badger Meter has been the sole source supplier of Roselle's water meters since 1982; and

WHEREAS, Badger Meter supplied/created the Village's current and future water meter reading equipment/software that is not compatible with other water meter manufacturer's equipment; and

WHEREAS, the corporate authorities of the Village of Roselle deem it in the best interests of the Village to waive the competitive bidding process for a sole source purchase of water meters from Badger Meter; and

NOW, THEREFORE, be it resolved by the Mayor and Board of Trustees of the Village of Roselle that the Mayor is hereby authorized to purchase water meters from Badger Meter in the amount of \$82,000.00 as outlined in the itemized quote that is attached hereto and incorporated as fully set forth as Exhibit A.

ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2019

AYES:  
NAYS:  
ABSTAIN:  
ABSENT:

\_\_\_\_\_  
Andrew J. Maglio, Mayor

ATTEST:

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Patricia Burns, Village Clerk



Quotation No. 408898

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: JMcCloud@badgermeter.com

January 2, 2019

TO Mike Schulz  
 VILLAGE OF ROSELLE  
 474 CONGRESS CIRCLE NO

CUSTOMER ID: 00121788

ROSELLE Illinois 601723904

Phone: 1 (630) 671-2368

Fax: 1 (630) 582-6035

E-mail: mschulz@roselle.il.us

EFFECTIVE DATES: 1/3/2019-1/4/2020

SALESPERSON	PROPOSAL SUBJECT	SHIPPING TERMS/INCO TERMS	PAYMENT TERMS
007128 Jim Ballantine	Disc Meter & reg. Quote- Village of Roselle, IL	PREPAY/NO CHARGE For SHIPMENTS > \$25,000 FCA FACTORY	NET 30 DAYS

LINE #	DESCRIPTION	QTY	UNIT NET PRICE USD	LINE TOTALS USD
1	RCDL M25 Plastic Disc Meter (NSF 61-G), 5/8" X3/4X7 1/2-3/4 Bore CLD 23, Plastic Bottom, Less Connections, Bare Meter UM1-0000-5210	132	\$32.57	\$4,299.24
2	RCDL M55 LL Disc Meter (NSF 61-G), 1" (1 X 10 3/4), Cast Iron Bottom, Less Connections, Bare Meter UM1-0005-8147	8	\$100.49	\$803.92
3	RCDL M120 LL Disc Meter (NSF 61-G), 1 1/2", Elliptical Long Drilled, Less Connections, Bare Meter UM1-0005-5825	1	\$395.17	\$395.17
4	Registration for, RCDL M25 Disc Meter, 5/8", HRE Registration, Gallon, 8 Dial - 0.1 Gallons, Plastic Shroud / Plastic Lid (Gray) Generic Connectivity, BMI Supplied, Badger Meter Twist Tight Connector, 10 ft Wire, UM1-0015-6610	1	\$49.50	\$49.50
5	Registration for, RCDL M25 Disc Meter, 5/8", HRE	72	\$132.33	\$9,527.76

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This quotation is an offer, made subject to the terms & conditions found on our website: [www.badgermeter.com/Company/Legal/Sales-Terms.aspx](http://www.badgermeter.com/Company/Legal/Sales-Terms.aspx)  
 Quoted prices are firm for acceptance, via an order, within the effective dates provided, shipping within 60 calendar days past the expiration of this quotation.



Quotation No. 408898

LINE #	DESCRIPTION	QTY	UNIT NET PRICE USD	LINE TOTALS USD
6	Registration, Gallon, 8 Dial - 0.1 Gallons, Plastic Shroud / Plastic Lid (Gray) Orion ME 2, Traditional, Integral Indoor-Outdoor, Factory Pre-Wired, 3 ft Break-Away Wire, UMI-0017-9162  Registration for, RCDL M25 Disc Meter, 5/8", HRE Registration, Gallon, 8 Dial - 0.1 Gallons, Plastic Shroud / Plastic Lid (Gray) Orion ME 2, Traditional, Indoor-Outdoor, Badger Meter Twist Tight Connector, 10 ft Wire, UMI-0017-9163	96	\$127.71	\$12,260.16
7	Registration for, RCDL M55 Disc Meter, 1", HRE Registration, Gallon, 8 Dial - 0.1 Gallons, Plastic Shroud / Plastic Lid (Gray) Orion ME 2, Traditional, Indoor-Outdoor, Badger Meter Twist Tight Connector, 10 ft Wire, UMI-0017-9164	8	\$127.71	\$1,021.68
8	Registration for, RCDL M120 Disc Meter, 1 1/2", HRE Registration, Gallon, 8 Dial - 1 Gallon, Plastic Shroud / Plastic Lid (Gray) Orion ME 2, Traditional, Indoor-Outdoor, Badger Meter Twist Tight Connector, 10 ft Wire, UMI-0017-9165	1	\$131.34	\$131.34
9	RCDL Compound Series Meter LL (NSF 61-G), 4", Round w/Test Plug, Less Connections, Bare Meter UMI-0000-6056	1	\$2,536.38	\$2,536.38
10	RCDL Compound Series Meter LL (NSF 61-G), 4", Round w/Test Plug, Less Connections, HRE Registration, Gallon, 8 Dial - 1 Gallon, Plastic Shroud / Plastic Lid (Gray) Generic Connectivity, BMI Supplied, Badger Meter Twist Tight Connector, 10 ft Wire, UMI-0017-9166	1	\$2,672.34	\$2,672.34
11	No Register, Orion ME 2, Traditional, Indoor-Outdoor, Badger Meter Twist Tight Connector, 8 in, UMI-0015-5123	1	\$78.21	\$78.21

Notes and Assumptions:

Badger Meter provides certification files to help manage meter and endpoint inventory and to maintain meter accuracy data. The standard method of delivery for this format is via electronic mail. Any deviations from our standard format, or any custom file formats, will be considered on a time and material basis. Please contact your Account Manager if you require more information. \*\*\*\*\* The ORION system was designed as a three-wire AMR/AMI system. The ORION system offers connectivity to any of the mechanical / absolute encoder registers listed in ORION Endpoint Installation Manual ORI-UM-00025, with a manufacture date of 2000 or newer, as long as the encoder is programmed into the three-wire output mode for AMR and has three wires connected to it. Endpoint to be connected to an approved encoder in accordance with the wiring diagram available in ORION Endpoint Installation Manual. Encoder registers that are currently in two-wire mode of operation will require programming by the Utility. This includes registers that support an auto two-/three-wire detection system that do not automatically switch to three-wire mode of operation and registers that return to a two-wire communication output once a compatible transmitter is attached for ORION system connectivity. Additionally, the Utility is responsible to replace any encoder that cannot be programmed into three-wire mode, and any encoder that

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cannot retain its three-wire mode programming. \*\*\*\*\* Badger Meter continues to improve and redesign our products to provide our customers with state-of-the-art technology solutions. Therefore, Badger Meter reserves the right to provide our newest product solutions as an alternative to the proposed products, provided the replacement products meet the following requirements: are substantially similar to and are at least of equal quality and performance to, are in conformance with the requirements in the applicable specifications, meet the actual needs or are otherwise suitable for the intended use, and are priced at an amount that does not exceed the price of the quoted products. 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: Jim Ballantine, 800-876-3837 x16511, JBallantine@badgermeter.com

To place an order, please contact: Jalen McCloud, 800-616-3837 x15984, JMcCloud@badgermeter.com

Official authorized quote of Badger Meter Inc.  
Jim Ballantine, Account Mngr-Utility

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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

Created Date 11-06-2018

To Mike Schulz  
VILLAGE OF ROSELLE  
474 CONGRESS CIRCLE NO  
ROSELLE  
Illinois 601723904

Customer ID 00121788

Effective Dates 11-06-2018 - 11-06-2019

Salesperson	Proposal Subject	Shipping Terms / INCO Terms	Payment Terms
007128 Jim Ballantine		PREPAY/NO CHARGE For SHIPMENTS > \$25,000 FCA FACTORY	NET 30 DAYS

Line #	Description	Qty	Unit Net Price USD	Line Totals USD
1	<b>BMI Part No.: 100-1984</b> <b>Cat String:</b> EB-EFA-PXXP-E5-CA-19BF-E3Y2-XXTH-XX-B0A <b>Description:</b> USLF BRZ, 3" ROUND (3 X 12) PRESSURE, ENC, ORION , 9D- 0.1 GAL, SN YR 9D & PB-BC, TT- 10 FT, BMI	1	1,651.65	1,651.65
2	<b>BMI Part No.: 100-1986</b> <b>Cat String:</b> EB-EFB-PXXP-E5-CA-19BF-E3Y2-XXTH-XX-B0A <b>Description:</b> USLF BRZ, 3" ROUND (3 X 17) PRESSURE, ENC, ORION , 9D- 0.1 GAL, SN YR 9D & PB-BC, TT- 10 FT, BMI	1	1,678.87	1,678.87
3	<b>BMI Part No.: 100-1990</b> <b>Cat String:</b> EB-EGA-PXXP-E5-CA-19BF-E4Y2-XXTH-XX-B0A <b>Description:</b> USLF BRZ, 4" ROUND (4 X 14) PRESSURE, ENC, ORION , 9D- 0.1 GAL, SN YR 9D & PB-BC, TT- 10 FT, BMI	1	2,014.65	2,014.65
4	<b>BMI Part No.: 100-1988</b> <b>Cat String:</b> EB-EGB-PXXP-E5-CA-19BF-E4Y2-XXTH-XX-B0A <b>Description:</b> USLF BRZ, 4" ROUND (4 X 20) PRESSURE, ENC, ORION , 9D- 0.1 GAL, SN YR 9D & PB-BC, TT- 10 FT, BMI	1	2,041.87	2,041.87

**Notes and Assumptions**

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Actual lead time to be provided at time of order.

Badger Meter provides certification files to help manage meter and endpoint inventory and to maintain meter accuracy data. The standard method of delivery for this format is via electronic mail. Any deviations from our standard format, or any custom file formats, will be considered on a time and material basis. Please contact your Account Manager if you require more information.

Badger Meter continues to improve and redesign our products to provide our customers with state-of-the-art technology solutions. Therefore, Badger Meter reserves the right to provide our newest product solutions as an alternative to the proposed products, provided the replacement products meet the following requirements: are substantially similar to and are at least of equal quality and performance to, are in conformance with the requirements in the applicable specifications, meet the actual needs or are otherwise suitable for the intended use, and are priced at an amount that does not exceed the price of the quoted products.

If you would like to place an order, please contact your Customer Service Rep Brigitte Wagner, 800-616-3837 x17288 or [BWagner@badgermeter.com](mailto:BWagner@badgermeter.com)

If you have questions, please contact your Account Manager Jim Ballantine, 800-876-3837 X16511

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