

**CLERK'S CONTRACT and AGREEMENT COVER PAGE**

**Legistar File ID#:**

**Contract #:**

**Start date:**

**End date:**

**Amount:**

**Contingency Amount:**

**Department:**

**Contract Type:**

**Contractors Name:**

**Status of Ownership:**

**Status of Sub:**

**Certification:** Attached [  ]    Self-Certifying [  ]    Did not disclose

**Contract Description:**



# ORLAND PARK

## REQUEST FOR CHANGE ORDER # 2

Purchase Order/ Contract #: CR 2022208

Change Order Request Date: 10/30/23

Company Name: Professional Meters, Inc.

Contract Title: Water Meter Replacement and Installation - RFP 22-062

NOTE: The above referenced contract is for a fixed not to exceed amount and scope of services. For any change to the contract amount or scope of services this form must be completed and signed by the contractor and approved and authorized by the Village of Orland Park **BEFORE** commencing with any work beyond the dollar amount or scope of the original, or previously amended contract/purchase order.

| Item | Description   | Amount          |
|------|---|-----------------|
| A    | Original contract value (without contingency)                         | \$ 3,148,484.92 |
| B    | Total amount of previous change orders for contract (not contingency) | \$ 0.00         |
| C    | Total current contract amount (A + B)                                 | \$ 3,148,484.92 |
| D    | Amount of this change order for contract ( + or - )                   | \$ 0.00         |
| E    | Revised contract amount (C + D)                                       | \$ 3,148,484.92 |
| F    | Percent of current contract amount this change order represents (D/C) | 0.00%           |
| G    | Cumulative percent of all change orders (B + D)/A                     | 0.00%           |
| H    | Original contract completion date                                     | 12/31/24        |
| I    | Revised contract completion date                                      |                 |
| J    | Total amount of contingency   | \$ 351,515.10   |
| K    | Amount of this contingency funds request                              | \$ 73,596.63    |
| L    | Amount of previous contingency funds approved                         | \$ 73,345.40    |
| M    | Contingency funds remaining   | \$ 204,573.07   |

**Brief description of services provided under the contract:**

Village-wide Water Meter Replacement Program

**Reason for requested change:** *(if requesting approval for contingency funds, date extension by a total of 30 days or more, identify % and amount on contract)*

Requesting to utilize \$73,596.63 in contingency funds. Current unforeseen replacement parts in the field during meter installation, including 3/4" ball valves, 1" ball valves, 3/4" meter coupling supply and installation, ground straps, wire runs, and additional postcards.


**For Village Use Only:** IN ACCORDANCE WITH 720 ILCS 5/33E-9 this section shall only apply to a change order or a series of change orders which authorize or necessitate an increase or decrease in either the cost of a public contract by a total of \$10,000 or more or the time of completion by a total of 30 days or more.

As the authorized designee of the Village of Orland Park to approve a change order to this public contract, I hereby make the following written determination regarding this change order and authorize and approve the same:

- The circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the contract was signed
- The change is germane to the original contract as signed
- The change order is in the best interest of the Village of Orland Park and authorized by law

This written determination and this written change order resulting from that determination shall be preserved in the contract's file which shall be open to the public for inspection.

Company Name: PROFESSIONAL METERS, INC.

Signature: 

Printed Name: JASON BROWN

Title: PROJECT MANAGER

Date: 10/31/2023

Village of Orland Park

Signature: 

Printed Name: George Koczvara

Title: Village Manager

Date: 11/6/23

| Date of Expenditure   | Item/Service Purchased                   | Quantity Purchased | Unit Rate | Total Cost  | Total Spent Contingency |
|---|--|--------------------|-----------|-------------|-------------------------|
| 6/21/2023<br>(Contingency paid on Invoice 231001.04)                          | 3/4" Ball Valve - Supply and Install     | 20                 | \$131.80  | \$2,636.00  | \$75,981.40             |
|   | 1" Ball Valve - Supply and Install       | 8                  | \$138.30  | \$1,106.40  | \$77,087.80             |
|   | 3/4" Meter Coupling - Supply and Install | 174                | \$91.90   | \$15,990.60 | \$93,078.40             |
|   | Ground Strap                             | 341                | \$20.00   | \$6,820.00  | \$99,898.40             |
|   | Wire Run                                 | 4                  | \$62.00   | \$248.00    | \$100,146.40            |
|   | Additional Postcards                     | 64                 | \$1.25    | \$80.00     | \$100,226.40            |
| 7/25/2023<br>(Contingency items for this period covered on Invoice 231001.08) | 3/4" Ball Valve - Supply and Install     | 8                  | \$131.80  | \$1,054.40  | \$101,280.80            |
|   | 1" Ball Valve - Supply and Install       | 15                 | \$138.30  | \$2,074.50  | \$103,355.30            |
|   | 3/4" Meter Coupling - Supply and Install | 65                 | \$91.90   | \$5,973.50  | \$109,328.80            |
|   | Ground Strap                             | 202                | \$20.00   | \$4,040.00  | \$113,368.80            |
|   | Wire Run                                 | 1                  | \$62.00   | \$62.00     | \$113,430.80            |
|   | Additional Postcards                     | 32                 | \$1.25    | \$40.00     | \$113,470.80            |
|   | Plumbing Repairs                         | 4.75               | \$100.00  | \$475.00    | \$113,945.80            |
|   | Materials                                | 248.6              | \$1.00    | \$248.60    | \$114,194.40            |
| 8/25/2023<br>(Contingency items for this period covered on Invoice 231001.08) | 3/4" Ball Valve - Supply and Install     | 3                  | \$131.80  | \$395.40    | \$114,589.80            |
|   | 1" Ball Valve - Supply and Install       | 4                  | \$138.30  | \$553.20    | \$115,143.00            |
|   | 3/4" Meter Coupling - Supply and Install | 62                 | \$91.90   | \$5,697.80  | \$120,840.80            |
|   | Ground Strap                             | 163                | \$20.00   | \$3,260.00  | \$124,100.80            |
|   | Wire Run                                 | 2                  | \$62.00   | \$124.00    | \$124,224.80            |
|   | Additional Postcards                     | 161                | \$1.25    | \$201.25    | \$124,426.05            |
| 10/3/2023<br>(Covers contingency)   | 3/4" Ball Valve - Supply and Install     | 5                  | \$131.80  | \$659.00    | \$125,085.05            |
|   | 1" Ball Valve - Supply and Install       | 9                  | \$138.30  | \$1,244.70  | \$126,329.75            |
|   | 3/4" Meter Coupling - Supply and Install | 49                 | \$91.90   | \$4,503.10  | \$130,832.85            |
|   | 1" Meter Coupling - Supply and Install   | 1                  | \$111.40  | \$111.40    | \$130,944.25            |
|   | 1.5" Meter Flange - Supply and Install   | 3                  | \$210.70  | \$632.10    | \$131,576.35            |

|   |   |      |          |                    |              |
|---|---|------|----------|--------------------|--------------|
| items from Invoices 5,<br>6, & 7)   | Ground Strap                                | 153  | \$20.00  | \$3,060.00         | \$134,636.35 |
|   | Non-Standard Installation<br>Appointment    | 1    | \$105.80 | \$105.80           | \$134,742.15 |
|   | Additional Postcards                        | 286  | \$1.25   | \$357.50           | \$135,099.65 |
|   | Hourly Plumbing Work                        | 4.75 | \$100.00 | \$475.00           | \$135,574.65 |
|   | Additional Material<br>(cost + 15%)         | 1    | \$248.63 | \$248.63           | \$135,823.28 |
| 10/25/2023<br>(Contingency items<br>for this period<br>covered on Invoice<br>231001.10) | 3/4" Ball Valve - Supply and<br>Install     | 3    | \$131.80 | \$395.40           | \$136,218.68 |
|   | 1" Ball Valve - Supply and<br>Install       | 5    | \$138.30 | \$691.50           | \$136,910.18 |
|   | 3/4" Meter Coupling - Supply<br>and Install | 71   | \$91.90  | \$6,524.90         | \$143,435.08 |
|   | 1" Meter Coupling - Supply<br>and Install   | 6    | \$111.40 | \$668.40           | \$144,103.48 |
|   | Ground Strap                                | 127  | \$20.00  | \$2,540.00         | \$146,643.48 |
|   | Non-Standard Installation<br>Appointment    | 1    | \$105.80 | \$105.80           | \$146,749.28 |
|   | Wire Run                                    | 2    | \$62.00  | \$124.00           | \$146,873.28 |
|   | Additional Postcards                        | 55   | \$1.25   | \$68.75            | \$146,942.03 |
|   | <b>Total C.O. #2 Request</b>                |      |          | <b>\$73,596.63</b> |              |



# VILLAGE OF ORLAND PARK

14700 Ravinia Avenue  
Orland Park, IL 60462  
www.orlandpark.org

## Master

File Number: 2022-0790

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|  |                     |  |
|--|---------------------|--|
| <b>File ID:</b> 2022-0790  | <b>Type:</b> MOTION | <b>Status:</b> PASSED                      |
| <b>Version:</b> 0  | <b>Reference:</b>   | <b>Controlling Body:</b> Board of Trustees |
|  |                     | <b>File Created Date :</b> 10/06/2022      |
| <b>Agenda Entry:</b> Water Meter Replacement and Installation - RFP 22-062 |                     | <b>Final Action:</b> 11/07/2022            |

**Title:** Water Meter Replacement and Installation - RFP 22-062

**Notes:**

**Sponsors:**

**Res/Ord Date:**

**Attachments:** RFP 22-062 - Audit Report, RFP 22-062 Tabulation, Proposal - Calumet City Plumbing, Proposal - Professional Meters, Proposal - United Meters, Inc., Proposal - Water Resources, Letter of Recommendation

**Res/Ord Number:**

**Drafter:**

**Hearing Date:**

**Department**

**Effective Date:**

**Contact:**

**Related Files:**

### History of Legislative File

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| Ver- sion: | Acting Body:            | Date:      | Action:             | Sent To:  | Due Date: | Return Date: | Result: |
|------------|-------------------------|------------|---------------------|---|-----------|--------------|---------|
| 0          | Public Works Department | 10/06/2022 | INTRODUCED TO BOARD | Board of Trustees   |           |              |         |
| 0          | Board of Trustees       | 11/07/2022 | APPROVED            |   |           |              | Pass    |
|            |                         |            | Aye: 7              | Trustee Healy, Trustee Nelson Katsenes, Trustee Milani, Trustee Kampas, Trustee Riordan, Trustee Radaszewski, and Village President Pekau |           |              |         |
|            |                         |            | Nay: 0              |   |           |              |         |

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### Text of Legislative File 2022-0790

..Title

Water Meter Replacement and Installation - RFP 22-062

#### History

On October 3, 2022, the Village issued Request for Proposal (RFP) 22-062 "Water Meter Replacement Program Installation," for Village-wide replacement of all small and large

water meters in the system. The project consists of the provision of all labor and equipment necessary to complete the scope of work.

The Village began replacing its aging water meters in 2012 with Sensus iPerl meters. Over eighty-two (82) percent of the in-service water meters are old, mechanical-style three-quarter (3/4) inch in diameter, which is widely used for single-family homes and represents the majority of the Village's residential customers. Collectively, this group accounts for over seventy (70) percent of the volume of water billed from 2019-2021, with commercial users representing the next largest share at nineteen (19) percent. The Village is looking to replace a total of sixteen thousand four hundred thirty-five (16,435) water meters, ranging from tree-quarter (3/4) inch residential to four (4) inch commercial meters.

There are several factors that can contribute to meter inaccuracy including, but not limited to, flow rates outside the meter's operating range, mechanical wear and tear, debris or deposit build-up, and sensor drift. In particular, older mechanical meters are susceptible to degradation due to material build-up and pitting caused by air pockets in the water, which cause the meter to under-report the actual consumed water. Based on a comparative analysis with two (2) other industry competitors for similar communication (AMR/AMI) systems, the Village's existing Sensus FlexNet AMI and Sensus iPERL are recommended to be kept and continued as part of the on-going meter replacement initiative. This strongly benefits the Village which has gained familiarity with the platform, as well as the lower costs associated with the implementation of the existing infrastructure. Additionally, Baxter & Woodman and Professional Meters, Inc. will be working with the Village's Finance Department to keep the meter progress and the financial system up to date with the most current information.

Public Works contracted Baxter and Woodman Engineering of Mokena, Illinois as a consultant to assist with the selection of the best firm to complete this project. When RFP 22-062 opened on October 20, 2022, four (4) proposals were received. All four (4) proposals have been reviewed by Public Works staff and Baxter & Woodman. Although all the bids were received from qualified bidders, Water Services Company did not submit the required Technical Proposal, and has been eliminated from the evaluation process. The three (3) remaining responsive bidders were scored on the following: Technical Proposal (50%), Proposed Schedule (20%), and Cost (30%). The scoring matrix and Baxter & Woodman's recommendation letter are attached. A summary of the proposed prices is below.

Calumet City Plumbing of Calumet, Illinois was \$3,274,990.00

Professional Meters, Inc. of Morris, Illinois was \$3,148,585.00

United Meters, Inc. of Morris, Illinois was \$3,118,533.00

Based on bidder qualifications, Baxter & Woodman and Public Works staff recommends approving the proposal from Professional Meters, Inc. of Morris, Illinois, for the Water Meter Replacement and Installation Project for \$3,500,000.00 (\$3,148,484.92 plus \$351,515.10 contingency). Higher contingency recommendation is due to the unforeseen conflicts and additional materials that may be necessary for installation, which includes

replacement of plastic couplings with brass, broken valves, and large meter flange connection replacements.

**Financial Impact**

Funds are available in account 5008150-463350, pending the Board's approval of the 2023 Budget.

**Recommended Action/Motion**

I move to approve awarding RFP 22-062 to Professional Meters, Inc. of Morris, Illinois, for a total amount not to exceed \$3,500,000.00 (\$3,148,484.92 plus a contingency of \$351,515.10);

AND

Authorize the Village Manager to execute all related contracts, subject to Village Attorney review;

AND

Allow the Village Manager to approve change orders not to exceed the contingency amount.