

DISTRICT ALL

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

 X Resolution or Ordinance (Blue) _____ Waiver of First Requested
 Recommendations of Boards, Commissions & Committees (Green)
 Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: February 13, 2019 (COW) (B of T) **Date:** February 21, 2019

TITLE: Water Meter Replacement Program
Change Order No. 3

SUBMITTED BY: Brian Jack, Utilities Superintendent 

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 3 is a net increase of \$1,017.50 and extension of contract length of 90 days. The change order represents modifications to quantities of meter sizes and extension of contract length to reach substantial completion.

FISCAL IMPACT/FUNDING SOURCE:

Project #: WA 11 02
Budget Amount: \$5,490,000.00
Current Contract Amount: \$3,799,071.00
Change Order #3: \$1,017.50
Total Revised Contract Amount: \$3,800,088.50
Current Contract Length: 545 days
Change Order #3: 90 days
Total Revised Contract Length: 635 days

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X _____	Date _____
Village Manager X _____	Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



MEMORANDUM

To: President & Board of Trustees
From: Brian M. Jack, Utilities Superintendent *[Signature]*
Through: Carl S. Goldsmith, Director of Public Works *[Signature]*
Date: February 5, 2019
Subject: **Change Order #3 - Water Meter Replacement Program**

Enclosed is proposed Change Order #3 for the Water Meter Replacement Program WA 11 02. The change order is for modifications to the quantities listed in the chart below as well as an extension of time for contract completion. These additions/deductions are due to actual quantities realized during the installations and internal auditing of the Village's water accounts and meter inventory. The audit showed that the original quantities in the bid document were incorrect from improper coding of meter sizes with in the Water Billing System.

Change Order #1 which was recommended for approval by the Public Works Committee at their May 8, 2018 meeting and approved by the Village Board of Trustees at their May 17, 2018 meeting of a net increase of \$56,518.75 included the addition of the replacement of existing Sensus iPerl meters that are not compatible with the Neptune Technology Group Meter Interface Unit (MIU) transmitters. The increase also included the credit for a laptop identified in the Advanced Metering Infrastructure System line item staff purchased in-house. Change Order #2 was approved by the Village Board of Trustees on August 16, 2018 to extend the contract completion time by 180 days.

The chart below shows the additions/deductions to the original contract quantities:

Item No.	Item	Orig. Quan.	Unit	Add or Deduct	Revised Quan.	Unit Price	Total Price
1	Advanced Metering Infrastructure System	1	Each	0.00	1	\$ 219,651.00	\$219,651.00
2	Remove and Replace Water Meter 5/8"	9,217	Each	(400.00)	8,817	\$ 271.25	\$2,391,611.25
3	Remove and Replace Water Meter 3/4"	920	Each	72.00	992	\$ 291.25	\$288,920.00
4	Remove and Replace Water Meter 1"	458	Each	270.00	728	\$ 330.00	\$240,240.00
5	Remove and Replace Water Meter 1.5"	17	Each	2.00	19	\$ 600.00	\$11,400.00
6	Remove and Replace Water Meter 2"	6	Each	0.00	6	\$ 750.00	\$4,500.00
7	Integrate Existing Water Meters into Advanced Metering Infrastructure System	3,280	Each	(492.00)	2,788	\$ 175.00	\$487,900.00
8	Ground/Jumper Wire	500	Each	0.00	500	\$ 30.00	\$15,000.00
9	Laptop for MRX Refund from Item 1	1	Each	0.00	1	\$ (700.00)	(\$700.00)
10	Remove and Replace iPerl Meter for MIU Conversion 5/8"	0	Each	225.00	225	\$ 271.25	\$61,031.25
11	Remove and Replace iPerl Meter for MIU Conversion 3/4"	0	Each	200.00	200	\$ 291.25	\$58,250.00
12	Remove and Replace iPerl Meter for MIU Conversion 1"	0	Each	67.00	67	\$ 330.00	\$22,110.00
13	5/8" to 3/4" coupling install	0	Each	1.00	1	\$ 175.00	\$175.00
Contract Amt							\$3,800,088.50

Below is a summary of all three change orders and net changes to the contract amount in dollar amounts and contract length.

Change Order	Original Contract	CO Amount	New Contract Totals
#1	\$3,742,552.25	\$56,518.75	\$3,799,071.00
#2	365 days	180 days	545 days
#3 dollars		\$1,017.50	\$3,800,088.50
#3 length		90 days	635 days

Change Order #3 is a minimal increase in contract dollar amount due to the multiple additions and deductions to match the audited inventory. These adjusted quantities and approved change order will also satisfy the Illinois Environmental Protection Agency's requirements of an official change order resolution by the Village Board of Trustees to release the full disbursement of the PWSLP loan.

The current contract length of contract completion is 545 days from a beginning date of August 22, 2017 with an end date of February 22, 2019. Staff discussed with the contractor, Water Resources Inc., and determined that an extension of 90 days with an end date of May 23, 2019 will be enough time for substantial completion of the project.

This program is funded through the IEPA State Revolving Fund Loan# L17-5486 in the awarded contract amount of \$3,742,552.25 with a 3% contingency amount of \$112,276.57 for a total of \$3,854,828.82. The change order request is within the approved loan amount.

As the project reaches substantial completion, staff anticipates a final Change Order to reconcile the installed quantities of each water meter size and existing meter integration into the new AMI system. This Change Order is anticipated to be a reduction in the overall contract dollar amount of approximately \$300,000.

Recommendation

This change order will be presented to the Public Works Committee at their February 12, 2019 meeting. Staff recommends that the Committee and the Board of Trustees approve Change Order #3 for the updated quantities, increase in contract dollar amount, and extension of contract completion date.

RESOLUTION
R _____

A RESOLUTION AUTHORIZING A CHANGE ORDER INVOLVING AN INCREASE/DECREASE IN THE DOLLAR AMOUNT OF THE CONTRACT OF \$10,000 OR MORE AND/OR EXTENDING/ SHORTENING THE TIME IN WHICH THE CONTRACT IS TO BE COMPLETED BY THIRTY (30) DAYS OR MORE

WHEREAS, pursuant to Illinois Compiled Statutes, Chapter 720, Section 5/33E-9, units of local government are required to make specific findings prior to authorizing any change order relative to a contract which would increase or decrease the dollar amount of the contract by \$10,000 or more, or would extend or shorten the time in which the contract is to be completed by thirty (30) days or more; and

WHEREAS, staff has presented and recommended the proposed Change Order No.3 to the contract between the Village of Lombard and Water Resources Inc. regarding the Water Meter Replacement Program, as attached hereto as Exhibit "A" and made part hereof, (the "Change Order") to the Corporate Authorities of the Village of Lombard; and

WHEREAS, said Change Order attached hereto as Exhibit "A" would increase the dollar amount of the contract by \$1,017.50 and extend the contract length by 90 days.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: That after reviewing the explanation of staff as to the necessity of and reasons for the Change Order attached hereto as Exhibit "A", the President and Board of Trustees find as follows:

- A That the circumstances which necessitated said Change Order were not reasonably foreseeable at the time the contract was entered into.
- B. That the basis of the Change Order was not within the contemplation of the contract when the contract was signed.
- C. That it is in the best interests of the Village of Lombard to approve the Change Order in its proposed form.
- D. That to the extent that it may have been necessary to go to bid relative to the work contemplated by said Change Order; bidding is hereby specifically waived as to the Change Order work.

SECTION 2: That having made the findings set forth in Section 1 above, the President and Board of Trustees hereby approve the Change Order attached hereto as Exhibit "A", and direct and authorize the Village President and Village Clerk to execute said Change Order on behalf of the Village.

Resolution _____

Adopted this 21st day of February, 2019, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 21st day of February, 2019.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

