

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

Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: May 9, 2018 (COW) (B of T) **Date:** May 17, 2018

TITLE: Water Meter Replacement Program
Change Order No. 1

SUBMITTED BY: Brian Jack, Utilities Superintendent

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 1 is a net increase of \$56,218.75. The change order represents additional water meters to be installed that are not compatible with the new system and a credit for the purchased laptop.

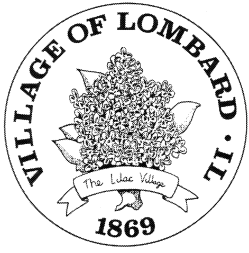
FISCAL IMPACT/FUNDING SOURCE:

Project #: WA 11 02
Budget Amount: \$5,490,000.00
Current Contract Amount: \$3,742,552.25
Change Order #1: \$56,518.75
Total Revised Contract Amount: \$3,799,071.00
PO #: 2018-00404

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: Scott Niehaus, Village Manager

Through: Carl S. Goldsmith, Director of Public Works

From: Brian M. Jack, Utilities Superintendent

Date: May 9, 2018

Subject: **Change Order #1 - Water Meter Replacement Program**

Enclosed is proposed Change Order #1 for the Water Meter Replacement Program WA 11 02. The change order for a net increase of \$56,518.75 includes the addition of the replacement of existing Sensus iPerl meters that are not compatible with the Neptune Technology Group Meter Interface Unit (MIU) transmitters. This increase also includes the credit for a laptop identified in the Advanced Metering Infrastructure System line item staff purchased in-house.

Sensus iPerl Meter Replacements

A number of existing Sensus iPerl meters have been identified to be not compatible with the new Neptune radio transmitters and will need to be replaced. These iPerl meters are first generation meters that will not interface with the Neptune MIUs as the later version iPerl meters do. This incompatibility does not allow these meters to be read by the Neptune Advanced Metering Infrastructure and the reads will not be able to be processed into the New World Billing Software.

Staff has exhausted every measure to avoid replacing these meters while working with Neptune Technology Group and their distributor Water Resources Inc. as well with Sensus Metering Systems. Below is a breakdown of the identified meters to date that will need to be replaced:

Meter Item	Cost per Meter	Quantity	Total
Remove Replace iPerl Meter for MIU Conversion 5/8"	\$271.25	100	\$27,125.00
Remove Replace iPerl Meter for MIU Conversion 3/4"	\$291.25	75	\$21,843.75
Remove Replace iPerl Meter for MIU Conversion 1"	\$330.00	25	\$8,250.00
Total Meter Increase		200	\$57,218.75

Advanced Metering Infrastructure System Laptop Credit

As part of the Advanced Metering Infrastructure System line item, Water Resources was to supply the Village with a laptop for the purpose of maintaining the meter system and for backup meter reading if the fixed network were to fail. An amount of \$700 was allocated in the line item. Village staff chose to purchase a laptop in-house that would be consistent with the inventory of new laptops the Village was purchasing for mobile operations. Water Resources issued a credit of \$700 to the Village as they were no longer to provide the laptop.

Below is the total change order amount with the additional meter increase and credit for the laptop:

Item	Cost
Meter Increase	\$57,218.75
Laptop Credit	(\$700.00)
Total Change Order	\$56,518.75

Staff anticipates that there may be additional iPerl meter conversions above this change order but will not be identified until the appointments are made and these meters have been verified that they will not be compatible with the new MIU transmitter.

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.

Recommendation

Staff recommends for an approval by the Board of Trustees for the Water Meter Replacement Program Change Order #1 in the amount of \$56,518.75 at the May 17, 2018 meeting.

R E S O L U T I O N
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.1 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 \$56,518.75.

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 _____

Legistar: 180216

Adopted this 17th day of May, 2018, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 17th day of May, 2018.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

