

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: November 16, 2017 (COW) (B of T) **Date:** November 6, 2017

TITLE: North Broadway Interim Pump Station and Force Main
Change Order No. 2

SUBMITTED BY: Carl Goldsmith, Director of Public Works *cy*

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 2 is a net increase of \$159,802.72. The change order represents additional cost for the earth retainment system, earthwork, undercut, and backfill driveways on Grace St.

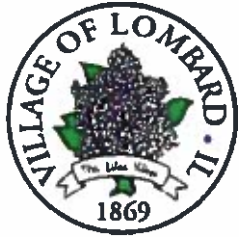
FISCAL IMPACT/FUNDING SOURCE:

Project #: SS 15 01
Budget Amount: \$1,914,700
Current Contract Amount: \$1,724,808.00
Change Order #2: \$159,802.72
Total Revised Contract Amount: \$1,884,610.72
PO #: 2017-00001476

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.



Interoffice Memo

To: Scott Niehaus, Village Manager
From: Carl Goldsmith, Director of Public Works *cy*
Date: November 6, 2017
Subject: North Broadway Interim Pump Station and Force Main Project
 Change Order No. 2

Attached is the proposed Change Order No. 2 for the North Broadway Interim Pump Station and Force Main Project. The change order for a net increase of \$159,802.72 includes AUP #2 and AUP #3.

AUP #2 – \$154,742.59

The AUP #2 includes additional costs for earth retainment system, earthwork, and undercut and stone replacement for the valve vault described below:

1. Additional Earth Retainment System (ERS) - \$94,530.07

Based on an additional geotechnical test at the valve vault, weaker soil is found at the elevation of the foundation of the valve vault. In order to obtain the designed bearing strength for the valve vault, the Village's geotechnical engineering consultant recommends an undercut of 3-feet in depth and 5-feet in width in all directions beyond the perimeter of the planed foundation. A stronger/complexed ERS is needed to hold the weaker soil and the deeper excavation. The proposed cost for the ERS is \$94,530.07, but the total cost (\$219,530.07) of the ERS including the contracted amount (\$125,000) plus the additional cost (\$94,530.07) is still below the design engineer's cost of estimate (\$221,130.00).

2. Additional Earthwork at ERS - \$25,550.57

An additional unit price of \$22.57/cy for the earth excavation at the ERS is proposed because of the complexity of the earth excavation within the ERS. Based on an estimated 1001cy of the earth excavation, the estimated additional cost of the earthwork is \$25,550.57.

3. Undercut and Stone Replacement - \$34,661.95

The proposed cost of the undercut described in the item 1 above is \$34,661.95, which includes the earth excavation, stone replacement, and the installation of the geo grid recommended by the geotechnical engineering consultant.

AUP #3 – \$5,060.13

The AUP #3 is for backfilling of driveways on Grace Street for the Labor Day Weekend.

Please present this Change Order #2 to the Board of Trustees on November 16, 2017. If approved, please have one signed original document sent to records and the other signed original document returned to Engineering for further processing.

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 the Glenbrook Excavating & Concrete, Inc. regarding the North Broadway Interim Pump Station and Force Main, 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 \$159,802.72.

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.

Adopted this 16th day of November, 2017, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 16th day of November, 2017.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk


VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: N. Broadway Interim PS and Force Main PROJECT NO.: SS-15-01
LOCATION: S. Grace St. and E. North Broadway CHANGE ORDER: 2
CONTRACTOR: Glenbrook Excavating and Concrete, Inc. DATE: 10/4/2017
DESCRIPTION OF CHANGE ORDER: Approved extra work and contract items added

ORIGINAL CONTRACT AMOUNT: [1] 1,687,459.50
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS: [2] \$37,348.50
CURRENT CONTRACT AMOUNT: ((1)+[2]) [3] \$1,724,808.00
PROPOSED CHANGE ORDER: (PENDING APPROVAL) [4] \$159,802.72
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ((3)+[4]) [5] \$1,884,610.72

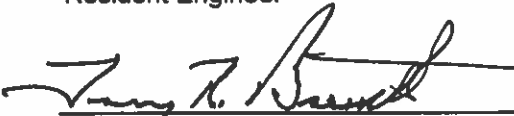
NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ((2)+[4]) \$197,151.22
TIME EXTENSION OR REDUCTION: _____
TOTAL CONTRACT TIME: 245 Cal Days
BUDGET ESTIMATE: _____
ENGINEER'S ESTIMATE: \$1,746,794.00

RECOMMENDED FOR ACCEPTANCE :



Resident Engineer Date 10/4/2017

Approved By: _____
Director of Finance Date




Contractor Date 11/6/17

Approved By: _____
(<\$10K or 25%) Village Manager Date



Village Engineer Date 11/6/17

Approved By: _____
(>\$10K or 25%) Acting Village President Date



Director of Public Works Date 11/6/17

Attest: _____
Village Clerk Date

Assistant Director of Finance Date

It is understood that as part of this change order that the Contractor agrees that all bonds, permits, insurance and guarantees are hereby extended to incorporate this Change Order.

N Broadway PS and Force Main
Change Order #: 2

No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
AUP #2	ERS Revisions and Undercut at Valve Vault.	0	1 ea	\$154,742.59	1.00	1.0	\$154,742.59	Revisions to ERS design and undercuts due to soils poorer than expected.
AUP #3	Backfilling of driveways on Grace St. for Labor Day Weekend.	0	1 ea	\$5,060.13	1	1.0	\$5,060.13	Temporarily backfilled driveways on Grace St. to provide resident access over Labor Day Weekend.
							TOTAL AMOUNT=	\$159,802.72