

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 23, 2015 (COW) (B of T) **Date:** December 17, 2015

TITLE: Fairview Lift Station Improvements
Change Order No. 2

SUBMITTED BY: David P. Gorman, P.E., Assistant Director of Public Works

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 2 is a net increase of \$18,682.78. The change order represents 2 (two) Authorized Unit Price (AUP) items and 4 (four) time and material billings along with 1 (one) credit.

FISCAL IMPACT/FUNDING SOURCE:

Project #: SS 12 02
Current Contract Amount: \$1,727,200.00
Change Order #2: \$18,682.78
Total Revised Contract Amount: \$1,745,882.78
PO #: 2015-00001098
Account: Water/Sewer Capital Reserve 520.790.715.75420

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: David Gorman, P.E., Assistant Director of Public Works
 Through: Carl Goldsmith, Public Works Director
 Date: November 23, 2015
 Subject: Fairview Lift Station Improvements
 Change Order No. 2

Attached please find Change Order No. 2 for this project in the amount of a net increase of \$18,682.78. The change order represents 2 (two) Authorized Unit Price (AUP) items and 4 (four) time and material billings along with 1 (one) credit all of these items are field modification related to the proposed concrete access pad/driveway, failure of the existing control panel and unanticipated field conditions.

In evaluating the driveway and working platform for the new station, the Engineering and Pumping Divisions agreed it would be best to modify the elevation of two of the existing structures adjacent to the wet well and primary valve vault. Those structures were called out in the plans to be elevated above the 100 year flood elevation. Raising the other two structures creates an improved working platform and driveway which are better suited for normal and emergency service of the station. AUP #1 and AUP #2 cover this field change.

AUP #2 RAISE THE EXISTING FLOW METER MANHOLE: Work includes material, delivery, excavation, equipment and all labor. *Authorized Unit Price= \$1,800.00*

AUP #3 RAISE THE EXISTING VALVE VAULT: Work includes material, delivery, excavation, equipment and all labor. *Authorized Unit Price= \$3,600.00*

Time and material billings #1 and #2 are related to the failure of the existing control panel during construction. During construction the control panel lost 24 volt power and ceased operating the pumps within the wet well. This occurred prior to the contractor establishing the contractual by-pass operation that was to be in place during the reconstruction of the station. The Pumping Division attempted to rectify the situation however the panel control could not be re-established. Investigation by the Resident Engineer, the Project Manager and the Pumping Division concluded that no activity or action of the contractor appeared to damage or adversely affect the operation of the panel. To avoid the wet well from overflowing the contractor installed an emergency by-pass pump and hoses until the contract by-pass system could be established.

TIME AND MATERIAL #1 ESTABLISH BY-PASS PUMPING:
 Work includes material, delivery, excavation, equipment and all labor over 2 ½ days.
Authorized Unit Price= \$4,918.65

TIME AND MATERIAL #2 MAINTAIN BY-PASS PUMPING:
 Charges are for material and equipment over 2 ½ days. *Authorized Unit Price= \$1,865.06*

TIME AND MATERIAL #3 MAINTAIN BY-PASS PUMPING: This billing is related to the additional by-pass pumping time during the time waiting for the precast concrete wet well sections to fabricated, cured and delivered (Change Order #1 AUP#1). Charges are for 18 hours of material and equipment time. *Authorized Unit Price= \$6,396.06*

TIME AND MATERIAL #4 REMOVE AND REPLACE FLANGE OF AIR RELEASE VALVE:
 As part of the original contract, the contractor was to replace the air release valve located on the force main that runs from Fairview Lift Station to the outfall at the intersection of Edson and Wilson Avenues. When starting this work, the existing companion flange on the force main (which connects to the air release valve) was found to be defective. Work includes material, delivery, excavation, equipment and all labor. *Authorized Unit Price= \$1,497.81*

CREDIT TO THE VILLAGE RELATED TO SPECIFICIED DAVIT RECEIVERS:

The contract specified a particular Davit Receiver (a sleeve imbedded into the concrete to support davit system which is used to lower personnel into a structure). The Contractor provided a substitute davit receiver which was acceptable to the Village. The resulting credit is in accordance with a Value Engineering proposal per the IDOT Standard Specifications. *Authorized Unit Price= \$1,395.00*

This change order will be presented to the Public Works Committee on December 8, 2015. If the committee recommends approval, please present this change order to the President and Board of Trustees for their review and approval at their regular meeting on December 17 2015. If approved, please have one signed copy returned to Engineering for further processing.

DG/rgs

Attachment

H:\PW\PW-Eng\PROJECTS\FY2012\SS 12 02 Fairview Lift Station Replacement-Rebuild\Construction\CO\CO#2 BoT memo.doc

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. 2 to the contract between the Village of Lombard and the John Neri Construction Company Inc. regarding the Fairview Lift Station Improvements project, 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 \$18,682.78

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 17th day of December 2015, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 17th day of December, 2015.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk




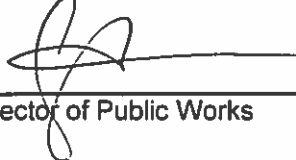
VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Fairview Lift Station Improvements PROJECT NO.: SS-12-02
 LOCATION: 1143 S Fairview Avenue CHANGE ORDER: 2
 CONTRACTOR: John Neri Construction Co., Inc. DATE: 11/20/2015
 DESCRIPTION OF CHANGE ORDER: Additional work related to sitework and bypass pumping.

ORIGINAL CONTRACT AMOUNT:	[1] <u>\$1,685,000.00</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2] <u>\$42,200.00</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3] <u>\$1,727,200.00</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>\$18,682.78</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5] <u>\$1,745,882.78</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4])	<u>\$60,882.78</u>
TIME EXTENSION OR REDUCTION:	<u>-</u>
TOTAL CONTRACT TIME:	<u>270 cal days</u>
BUDGET ESTIMATE:	<u>\$1,274,700.00</u>
ENGINEER'S ESTIMATE:	<u>\$1,424,020.00</u>

RECOMMENDED FOR ACCEPTANCE :

	<u>11-20-15</u>		Approved By:	
Resident Engineer	Date		Director of Finance	Date
	<u>11-20-15</u>		Approved By:	
Contractor	Date	(<\$10K or 25%)	Village Manager	Date
	<u>11-23-15</u>		Approved By:	
Village Engineer	Date	(>\$10K or 25%)	Village President	Date
	<u>11/24/15</u>		Attest:	
Director of Public Works	Date		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.

Fairview Lift Station Improvements

11/20/2015

Change Order #: 2

No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
AUP #2	Raise the existing flow meter manhole.	0	LS	\$1,800.00	1	1	\$1,800.00	The existing flow meter manhole located in the PCC driveway needed to be raised to drain the proposed driveway towards Fairview Ave. away from the lift station and the residential properties.
AUP#3	Raise the existing Valve Vault	0	LS	\$3,600.00	1	1	\$3,600.00	The existing valve vault located in the proposed PCC driveway needed to be raised to drain the proposed driveway towards Fairview Ave. away from the lift station and the residential properties.
T&M#1	Early installation of the temporary by-pass pumps due to an existing electrical panel failure.	0	LS	\$4,918.65	1	1	\$4,918.65	Install the temporary by-pass pumps due to an existing electrical panel failure that shut down the power supply to the existing pumps in the lift station before the project started.
T&M#2	Maintain the temporary by-pass pumps 8/9, 8/10, & 8/11	0	LS	\$1,865.06	1	1	\$1,865.06	Operation of the temporary by pass pumps before the existing pumps could be put back on line.
T&M#3	Maintain the temporary by-pass pumps. (08/27/15-09/15/15)	0	LS	\$6,396.26	1	1	\$6,396.26	Maintain the temporary by-pass pumps during the 18 day fabrication period of the new wet well sections (AUP #1)
T&M #4	Remove and Replace the ext. flange of the air release valve.	0	LS	\$1,497.81	1	1	\$1,497.81	During the replacement of an air vacuum valve a companion flange connection was to remain in which the proposed work was to be connected to. The flange was in poor condition and had to be removed and replaced a different day when the flange was readily available.
CR#1	Credit the Village for (6) substitute Davit Receivers	0	LS	\$(1,395.00)	1	1	\$(1,395.00)	Contractor substituted the Davit Receivers which were not as specified and were set in concrete before they were delivered to the site for installation.

TOTAL AMOUNT= \$18,682.78