

DISTRICT 6

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: March 21, 2016 (COW) (B of T) **Date:** April 7, 2016

TITLE: North Broadway Force Main and Pump Station
Amendment 2 – Design Engineering

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

BACKGROUND/POLICY IMPLICATIONS:

Amendment No. 2 is a net increase of \$21,590.00. The amendment is for the additional work to be performed by ESI Consultant, LTD.

FISCAL IMPACT/FUNDING SOURCE:

Project #: SS-15-01
Current Contract Amount: \$194,832.69
Amendment #2: \$21,590.00
Total Revised Contract Amount: \$216,422.69
PO #: 2015-00001460
Accounts: Water/Sewer Capital Reserve Fund (\$165,700)
Account Number: 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: Ying Miao, P.E., Civil Engineer II
Through: Carl Goldsmith, Public Works Director *cy*
Date: March 21, 2016
Subject: North Broadway Force Main and Pump Station
Amendment No. #2

Attached please find the Amendment Number 2 for the design engineering services with ESI Consultants Ltd. in the amount of a net increase of \$21,590.00. Amendment #1 to the contract was for \$30,520.54 and approved by the BoT on January 21, 2016. The Amendment #2 brings the current contract amount of \$194,832.69 to a revised contract amount of \$216,422.69.

Based on a more detailed flood elevation analysis in the vicinity of the project by Christopher B. Burke Engineering, Ltd, the size of the pumps is reduced for a smaller design flow rate of 30 cfs (previous design flow rate was 43 cfs); the size of the force main is also reduced to 30 inch from 36 inch. According to the engineering's cost of estimate, the changes of the pumps and the force main will save the construction cost in the amount of \$366,000.00. The engineering plans and specifications for the project must be revised to reflect the changes. The Amendment #2 includes the revision of the plan sheets and specifications. The detailed information regarding the Amendment #2 can be found in the attachment.

With the saving of \$366,000.00 in the construction cost vs the additional cost of the engineering services for \$21,590.00, staff recommends the BoT approves the Amendment #2.

This Amendment will be presented to the President and Board of Trustees for their review and approval at their regular meeting on April 7, 2016. If approved, please have two signed copies returned to Engineering Division for further processing.

RESOLUTION
R _____

A RESOLUTION AUTHORIZING AN AMENDMENT TO A PROFESSIONAL SERVICES CONTRACT 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 amendment 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 amendment #2 to the contract between the Village of Lombard and ESI Consultant LTD. regarding the North Broadway Force Main and Pump Station project, as attached hereto as Exhibit "A" and made part hereof, (the "Amendment") to the Corporate Authorities of the Village of Lombard; and

WHEREAS, said Amendment #2 attached hereto as Exhibit "A" would increase the dollar amount of the contract by \$21,590.00.

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 Amendment #2 attached hereto as Exhibit "A", the President and Board of Trustees find as follows:

- A. That the circumstances which necessitated said Amendment were not reasonably foreseeable at the time the contract was entered into.
- B. That the basis of the Amendment 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 Amendment 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 Amendment, bidding is hereby specifically waived as to the Amendment work.

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

Adopted this 7th day of April, 2016 , pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 7th day of April, 2016 .

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

Exhibit "A"
 Work Effort and Fee Schedule Summary
 Village of Lombard
 N. Broadway Interim Pump Station Forcemain
 Contract Addendum No. 2
 Prepared March 9, 2016
 By ESI Consultants, Ltd

BASIC SCOPE OF SERVICES	Principal	Senior Project Manager	Structural Engineer	Project Engineer	Clerical	TOTAL
Addendum No. 2						
Coordination with Client for Contract Addendum 2 Tasks		4				763.80
Redesign Pumps and Forcemain for 30 cfs		24		4		5,008.02
Determine if the forcemain can physically connect to storm sewer at Grace and Hickory, Village to confirm that gravity sewer can accept additional flow.		1		4		616.17
Revise Sheets G-1, C-3, 4, 6, 7, 8, 10-14, S-11, M-1, 2 and 4		13		56		8,435.43
Coordinate with DEG and have plans modified		1				190.95
Coordinate with Huffcutt, Xylem and Fiolo to provide new proposals and/or confirm lead times		6				1,145.70
Coordinate with Metropolitan Industries and Engineered Fluid, Inc (Norquip) to get itemized quotes. Evaluate/Compare quotes against quotes for separate items/labor.		4				763.80
Revise opinion of construction costs and Bid Proposal in Project Manual		1		8		1,041.39
						-
						-
						-
						-
						-
						-
						-
						-
						-
						-
QC/QA, assemble pdf files and Invoices	4	6		8	2	3,124.74
						-
						-
Manhours	4	60	0	60	2	
Rate	\$ 86.00	\$ 67.00	\$ 64.40	\$ 37.30	\$ 26.00	
Multiplier						
2.85						Total
Design Fee	\$ 980.40	\$ 11,457.00	\$ -	\$ 8,504.40	\$ 148.20	\$ 21,090.00

Reimbursables	
Printing (2 sets of Plans and Project Manual for Village)	\$ 500.00
Electrical /Controls Design	
SUBTOTAL	\$ 500.00
TOTAL	\$ 21,590.00