

**DISTRICT 1**

**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:** May 8, 2018      (COW) (B of T)      **Date:** May 17, 2018

**TITLE:** Central Reservoir Improvements  
Amendment # 1 (Design Engineering Services)

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

**BACKGROUND/POLICY IMPLICATIONS:**

Refer to the attached memo.

**FISCAL IMPACT/FUNDING SOURCE:**

AMENDMENT #1: \$61,017.86 INCREASE    Water/Sewer Capital Reserve  
TOTAL CONTRACT: \$186,857.41 (\$125,839.55 + \$61,017.86)  
BUDGET: \$248,000.00  
Project #: WA 17 01  
P.O. #: 2018-00000383

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 *DEJ*  
**Thru:** Carl Goldsmith, Director of Public Works *CG*  
**Date:** May 8, 2018  
**Subject:** Central Station Reservoir Improvements - Design Engineering Amendment #1

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Attached, please find a resolution for an engineering services amendment in the amount of \$61,017.86 with Christopher B. Burke Engineering LTD. of Rosemont (CBBEL). The contract amendment fee schedule, which includes the project tasks and associated staff hours, is also included.

A considerable portion of the scope of the initial contract was to assemble a decision matrix and prepare an accompanying report that evaluated the economic viability of rehabilitating the current water storage facility (located near the north east corner of the intersection of Main Street and St. Charles Road) versus the construction of a new water tank at on-site or at another site. CBBEL has completed this work and submitted the associated report.

Another consultant, Alfred Benesch & Company (Benesch) was under contract for the Village water system analysis. Benesch was requested to review the study and check the water model to verify if the existing storage facility was necessary or if a new water reservoir at another location would be an advantageous alternative. The model was to take into account potential developments that are anticipated to occur within the Village in the foreseeable future. The results of the analysis indicated that a new water reservoir located on the south side of the Village versus a central or north side location would be the best choice.

The results of the CBBEL and Benesch reports concur that existing reservoir site is a non-preferred alternative both related to its location and the viability of rehabbing the water tank. Given this information and considering the timeframe for the developments at Yorktown and at the former seminary property, it was recommended that work proceed on the Central Station Reservoir Improvements (reservoir demolition, parking lot improvement and new building, which includes a storage garage, testing laboratory and pressure adjusting station).

Another contract for the design of a new water reservoir on the south side of Lombard will be awarded when the developments plans for the Yorktown and the former seminary property are further along in the approval process.

As stated above, this amendment to the agreement will incorporate final design engineering and the preparation of plans, specifications and estimates for two separate contracts, one for the demolition of the existing reservoir and the second for the parking lot and building improvements.

Please present this agreement to the President and Board of Trustees for their review and approval at their regular meeting on May 17, 2018.

c: File: WA 17 01

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**RESOLUTION**  
**R \_\_\_\_\_**

**A RESOLUTION AUTHORIZING AN AMENDMENT TO A PROFESSIONAL SERVICES CONTRACT INVOLVING AN INCREASE IN THE DOLLAR AMOUNT OF THE CONTRACT OF \$10,000 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 the dollar amount of the contract by \$10,000 or more, and

**WHEREAS**, staff has presented and recommended the proposed amendment to the contract between the Village of Lombard and Christopher B. Burke Engineering LTD. regarding the Central Reservoir Improvements 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 attached hereto as Exhibit "A" would increase the dollar amount of the contract by \$61,017.86

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 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 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 \_\_\_\_\_ day of \_\_\_\_\_, 2018,  
pursuant to a roll call vote as follows:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved by me this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
**Keith Giagnorio**  
**Village President**

ATTEST:

\_\_\_\_\_  
**Sharon Kuderna**  
**Village Clerk**

**Village of Lombard - Central Reservoir and Pump Station Improvements**  
**Fee Estimate - Phase II Engineering Services**  
**May 4, 2018**

	Personnel & Hours										Total Hours	% of Hours	Total Cost	
	Project QA/QC (Eng. VI)	Project Manager (Eng. VI)	Project Engineer (Eng. V)	Project Engineer (Eng. IV)	Design Engineer (Eng. III)	Design Engineer (Eng. III)	Design Engineer (Eng. III)	Landscaper Architect	CAD Manager	CAD Technician				Admin
Task 1 - Project Meetings and Data Collection	\$70.00	\$70.00	\$56.73	\$45.82	\$38.13	\$30.54	\$46.00	\$48.50	\$40.50	\$28.26	4	36	7.1%	\$1,721.68
Task 2 - Preparation of Plans and Specifications	8	80		40		160					16	304	59.8%	\$13,331.36
Task 3 - Assistance with Bidding		8				8					4	20	3.9%	\$917.36
Task 4 - Site Survey		8		36	36	36					4	120	23.6%	\$4,794.68
Task 5 - Permitting		8				16					4	28	5.5%	\$1,161.68
Subtotal	8	120	0	76	36	236	0	0	0	0	32	508	100.0%	
% of Hours	1.6%	23.6%	0.0%	15.0%	7.1%	46.5%	0.0%	0.0%	0.0%	0.0%	6.3%	100.0%		
Total Cost	\$560.00	\$8,400.00	\$0.00	\$3,482.32	\$1,372.68	\$7,207.44	\$0.00	\$0.00	\$0.00	\$0.00	\$904.32			\$21,926.76
Multiplier	2.76													\$60,517.86
By Others														\$500.00
Direct Costs														\$61,017.86
Total Cost														\$61,017.86