

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: October 6, 2017 (COW) (B of T) **Date:** October 19, 2017

TITLE: IL Route 53 Storm Water Pump Station Improvements
Resident Engineering Services
Contract Amendment #2

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

BACKGROUND/POLICY IMPLICATIONS:

Additional construction observation/inspection services for the construction of the IL Route 53 Storm Water Pump Station Improvements project.

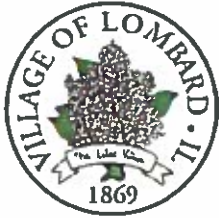
FISCAL IMPACT/FUNDING SOURCE:

Current Total Contract Amount: \$265,354.00
Proposed Amendment: \$46,619.00
Revised Contract Amount: \$311,973.00
NWS Project Number: SS 12 01
P.O. 2017-00000585 (increase) P.O. 2017-00000411 (decrease)
Account: RES ENG 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.



To: Scott Niehaus, Village Manager
 Through: Carl Goldsmith, Director of Public Works *Cy*
 From: David Gorman, P.E., Assistant Director of Public Works *DG*
 Date: October 6, 2017
 Subject: IL Route 53 Storm Water Pump Station Improvements
 Resident Engineering Services
 Contract Amendment #2

Attached please find a revised work effort and fee and a resolution regarding an amendment to the resident engineering services contract in the amount of \$46,619.00 for the IL Route 53 Storm Water Pump Station Improvements project.

Several issues impeded the progress of the IL Route 53 Storm Water Pump Station Improvements project over the past four months resulting in increased construction observation time by the consulting engineer. Additional complications were related to the construction of a sanitary sewer and water main within the IDOT right-of-way, parameters of the IDOT permit and slower than expected progress by the underground utility sub-contractor.

On the west side of Route 53, conflicts with NiCor gas lines delayed progress. Extensive coordination was necessary with NiCor staff. Two gas mains were identified within the west side right of way on Route 53. NiCor was initially reluctant to identify the "dead" line. Working together with the contractor, the Village consultant and ultimately NiCor, the "dead" line was ultimately identified and cut out of the way.

After the initial IDOT right-of-way permit was issued, additional requirements were requested by Department of Transportation. Changes to the traffic control, repairs to storm sewers and structures, the use of controlled low strength material for the base of the asphalt patches and increases to the sizes of the asphalt patches were added to the scope of the job.

Lastly, construction of the underground utilities on Village and State property progressed slower than anticipated due to underground utility conflicts. There were storm sewer conflicts in the Route 53 right-of-way, sanitary sewer conflicts at the dead end of Phillips Court and on the project site. These issues all led to extra work so the Village could comply with IEPA water/sewer separation requirements.

The scope and fee were negotiated with Baxter & Woodman Inc. and agreed to by both parties. The amended not-to-exceed fee for resident engineering services is \$46,619.00.

Baxter & Woodman serves as the Resident Engineer (RE) for both the Gatz Pond Storm Sewer and North Broadway Lift Station projects. It is recommended that \$46,619.00 be transferred from construction observation contract for the Gatz Pond Storm Sewer/North Broadway Lift Station project to the IL Route 53 Storm Water Pump Station contract. While work on North Broadway continues, the Gatz Pond project portion of the contract is substantially complete. Prorating the Gatz Pond portion of the RE budget, there is available funding to allocate to the IL Route 53 Storm Water Pump Station project.

Please present this amendment and resolution to the President and Board of Trustees for their review at their regular meeting of October 19, 2017.

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 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 to the contract between the Village of Lombard and Baxter & Woodman, regarding the IL Route 53 Storm Water 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 attached hereto as Exhibit "A" would increase the dollar amount of the contract by \$46,619.00, to a total the total dollar amount of \$311,973.00.

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 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 _____, 2017,
pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this _____ day of _____, 2017.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

VILLAGE OF LOMBARD, ILLINOIS
 ILL. ROUTE 53 STORM WATER PUMP STATION IMPROVEMENTS -RESIDENT ENGINEERING
 AMENDMENT#2
 EXHIBIT B

CONSTRUCTION ENGINEERING

Firm's approved rates on file with IDOT's
 Bureau of Accounting and Auditing:
 Overhead Rate (OH) 153%
 Multiplier 2.85
 Calendar Days 56 8 wks

VILLAGE OF LOMBARD, ILLINOIS
 (Municipality/Township/County)

Local Agency:

* start work 10/2/2017 to close out 12/1/2017 closeout-as-buils & GIS compl.
 * 0 Saturdays

Begin 6/1/16 End 7/1/2017
 Begin 7/1/17 End 8/1/17
 11/1/2017 Substantial completion
 12/1/2017 Final Completion

Cost Estimate of Consultant's Services in Dollars

Tasks	Employee Classification	Man-Hours	Payroll Rate	% of Hours task	Total Cost	In-House Direct Costs (IHDC)	Total cost by task	% Cost per task	Total Cost w/Mult
ADMINISTRATION & MEETINGS	John Ambrose	0	\$81.79	0.00%	\$0.00				\$0.00
	Mark Dachsteiner	0	\$55.95	0.00%	\$0.00				\$0.00
	Barb Tobin	0	\$27.53	0.00%	\$0.00			0.00%	\$0.00
OBS & DOCUMENT & ADMIN	Jeremy Norton	120	\$40.57	27.78%	\$4,868.40	\$589.00			\$14,463.94
GIS DATA/ OPERATIONS	Donn Fimbach	0	\$30.90	0.00%	\$0.00				\$0.00
	Gary Nehls	0	\$49.09	0.00%	\$0.00				\$0.00
	Rich Himebaugh	0	\$40.59	0.00%	\$0.00		\$14,463.94	31.03%	\$0.00
IDOT MOT Work	Designer	0	\$46.03	0.00%	\$0.00				\$0.00
	Vahid K.	0	\$40.00	0.00%	\$0.00			0.00%	\$0.00
SHOP DRAWING REVIEW	Mark Dachsteiner	0	\$50.90	0.00%	\$0.00				\$0.00
	Jeremy Norton	103	\$55.95	23.84%	\$4,178.71	\$587.00			\$12,496.32
PROJ CLOSEOUT & REC DRAW	Randall Estlick	32	\$42.85	7.41%	\$1,371.20				\$3,907.92
	Mark Dachsteiner	5	\$55.95	1.16%	\$279.75	\$117.00			\$914.29
	Donn Fimbach	0	\$30.90	0.00%	\$0.00		\$17,318.53	37.15%	\$0.00
GIS Processing	Andy Zaietel	16	\$53.11	3.70%	\$849.76				\$2,421.82
	Dan Sattler	140	\$26.44	32.41%	\$3,701.60				\$10,549.56
	Peter Fenettil	16	\$40.91	3.70%	\$654.56				\$1,865.50
TOTALS		432		100.00%	\$ 15,904	\$ 1,283	\$ 46,619	100.00%	\$ 46,619

In-House Direct Costs:
 VEHICLE EXPENSES - TRAVEL & TOLLS

\$29.43/day 40 days

Personnel & Hours	% of Hours
Principal	0.00%
Project Manager	1.16%
GIS Processing	39.81%
Resident Engineer	51.62%
Secretarial	0.00%
Engr	0.00%
IDOT MOT Work	0.00%
CAD	7.41%
Total	100.00%

Project Multiplier

Overhead (see exhibit A) = Standard Time 1.59
 Direct Labor = 1.00
 Profits @ 14.5% = 0.376
 Multiplier = 2.966
 *Profit @ 12.5%

Our approved IDOT overhead rate is 1.53. We propose to use a multiplier of 2.85 for all employee hours for this project.