

**RESOLUTION
R 19-17**

**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 \$85,831.00, to a total the total dollar amount of \$265,354.00.

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.

Resolution No. 19-17

IL RT 53 Storm Water Pump Station Improvements, Amendment #1

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Adopted this 16th day of February, 2017.

Ayes: Trustee Fugiel, Foltyniewicz, Johnston, Pike and Ware

Nays: None

Absent: Trustee Whittington

Approved this 16th day of February, 2017.



Keith T. Giagnorio
Village President

ATTEST:



Sharon Kuderna
Village Clerk

February 6, 2017

Mr. Ray Schwab
Village of Lombard-Village Engineer
1051 S. Hammerschmidt Avenue
Lombard, Illinois 60148-3926

Subject: Village of Lombard-IL Rte. 53 Storm Water Pump Station -Resident Engineering

Dear Mr. Schwab:

As you are aware, the subject project has fallen behind schedule 3 to 4 months. The contractor Rausch Infrastructure had encountered difficulties involving the dewatering of the site for the installation of the proposed wet well. Rausch Infrastructure did not follow the contract plans and specifications. Their submitted dewatering plan was incomplete and not approved, so their dewatering work proceeded at their own risk.

Following the installation of the confined sheeting, (protection for the proposed wet well) the excavation work and dewatering operations started in August of 2016 as scheduled. After several failed attempts over 3 months to control the ground water inflow using their dewatering plan and operations, Rausch hired a professional dewatering company (Kelley Dewatering) and other sub consultants (Terracon and Strata Well Development) in November of 2016. This action assisted in their efforts to control the dewatering operations so the wet well mud slab could be constructed on dry stable subgrade. The mud slab for the wet well was scheduled to be completed in September of 2016. Due to the delay, the mud slab was constructed in early January of 2017, (3) three months behind schedule.

Rausch Infrastructure indicated they were going to submit a claim for additional expenses related to their dewatering operations. In an effort to properly observe and document this work by Rausch, the Village requested Baxter & Woodman be present on a full time basis including Saturdays.

Our approved hours and fee for the project was set up for part time construction observation and documentation (25 hours/week) for 33 weeks, (16hours/week) for 10 weeks and limited construction management (2.0 hours/week).

Other major changes during construction that have increased our involvement and required more time for construction observation, documentation of work, and construction management on the project were:

- The water main and sanitary sewer plan revisions required due to utility conflicts under IL Rte. 53 and on site.
- Extra utility coordination (Com-Ed and Nicor) to determine the existing utilities in the IDOT ROW.
- Coordinating with IDOT Permitting. Baxter & Woodman prepared and submitted several Maintenance of Traffic Plans to IDOT to be able to construct the revised underground work under IL. Route 53.
- Monitoring the contractors and subcontractors work on a full time basis for compliance with the plans and the specifications, and ensuring the work meets the Village standards.

In Summary:

The Village has requested Baxter & Woodman to provide the additional construction engineering time and costs due to the reasons stated above. The time period used is from the start of the project (June 1, 2016) to date (February 1 2017) plus an estimate of extended time and costs from the original substantial completion date (March 17, 2107) to the new estimated substantial completion date of (July 1 , 2017).

We therefore request an additional fee adjustment of **\$85,831** for 760 hours of work as shown on Amendment #1 Exhibit B. This is an increase of our approved "Not to Exceed" fee from \$179,523 to **\$265,354** of Construction Engineering Services.

Please contact us with any questions in regards to this letter.

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS



Mark L. Dachsteiner, PE
Project Manager

Cc: John Ambrose P.E. – CEO/Client Manager

VILLAGE OF LOMBARD, ILLINOIS
 IL ROUTE 63 STORM WATER PUMP STATION IMPROVEMENTS -RESIDENT ENGINEERING
 AMENDMENT#1
 FEB 06-2017
 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 455 65 wks

Local Agency:
 VILLAGE OF LOMBARD, ILLINOIS
 (Municipality/Township/County)

* start work 6/1/2016 to close out 9/1/2017 closeout-as-builts & GIS compl.
 * 0 Saturdays
 Begin 6/1/16 End 7/1/2017
 Begin 7/1/17 End 8/1/17
 Substantial completion
 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	4	\$81.79	0.17%	\$327.16	\$190.50			\$932.41
	Mark Dachsteiner	428	\$55.85	18.40%	\$24,002.55		\$ 70,157.86	26.44%	\$68,597.77
	Barb Tobin	8	\$27.53	0.34%	\$220.24				\$627.68
OBS & DOCUMENT & ADMIN	Jeremy Norton	306	\$40.57	13.12%	\$12,414.42	\$4,143.25			\$39,524.35
GIS DATA OPERATIONS	Donn Fimbach	996	\$30.90	42.71%	\$30,776.40	\$1,890.00			\$89,602.74
	Gary Nehls	60	\$48.09	2.57%	\$2,945.40	\$190.50			\$8,584.89
	Rich Himebaugh	133	\$40.59	5.70%	\$5,398.47		\$153,097.62	57.70%	\$15,385.64
IDOT MOT Work	Designer	60	\$46.03	2.57%	\$2,761.80		\$ 7,871.13	2.97%	\$7,871.13
	Vahid K	16	\$50.90	0.69%	\$814.40		\$ 3,596.70	1.36%	\$2,321.04
SHOP DRAWING REVIEW	Mark Dachsteiner	8	\$55.95	0.34%	\$447.60				\$1,275.66
PROJ CLOSEOUT & REC DRAW	Jeremy Norton	24	\$40.57	1.03%	\$973.68				\$2,774.99
	Randall Eslick	32	\$42.85	1.37%	\$1,371.20				\$3,907.92
	Mark Dachsteiner	24	\$55.95	1.03%	\$1,342.80				\$3,826.98
	Donn Fimbach	60	\$30.90	2.57%	\$1,854.00		\$15,783.79	5.85%	\$5,283.90
GIS Processing	Andy Zalefel	16	\$53.11	0.69%	\$849.76				\$2,421.82
	Dan Saitter	140	\$26.44	6.00%	\$3,701.60				\$10,548.56
	Peter Ferretti	16	\$40.91	0.69%	\$654.56		\$14,836.87	5.59%	\$1,865.50
TOTALS		2,332		100.00%	\$ 90,866	\$ 6,414	\$ 285,354	100.00%	\$ 265,364

In-House Direct Costs:
 VEHICLE EXPENSES - TRAVEL & TOLLS, 11505MI @ \$0.575/MILE = \$6.615 incl \$417 Tolls-added 725 miles @ 0.575

Personnel & Hours	% of Hours
Principal	0.17%
Project Manager	19.77%
GIS Processing	7.38%
JN & DF & GN & RH	67.71%
Secretarial	0.34%
Engr	0.69%
IDOT MOT Work	2.57%
CAD	1.37%
Total	100.00%

Project Multiplier

Overhead (see exhibit A)	=	Standard Time	laff avg. composite
Direct Labor	=	1.59	1.53
Profits @ 14.5%	=	1.00	1.00
	=	0.376	0.316*
Multiplier	=	2.966	2.846

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