

November 27, 2019

Bill McKenna, P.E.  
Village Engineer  
Village of Oak Park  
201 South Blvd.  
Oak Park, IL 60302

**SUBJECT: Request for Contract Amendment No. 1 – Construction Engineering Services for 18-1 Water and Sewer Main Improvement Project**

Dear Bill:

Engineering Resource Associates, Inc. (ERA) would like to submit this request for Contract Amendment No. 1 for construction engineering services for the 18-1 Water and Sewer Main Improvement Project. The request is based upon our recent conversations and additional work performed that was beyond the scope of the original contract. This work includes additional time designing and coordinating valve replacements along Berkshire Street and 40 days of additional time for field observation during construction.

In November 2018, the contractor attempted to lower the water main at the intersection of Berkshire & Linden to accommodate the proposed combined sewer overflow installation; however, the Village could not get a water shut down due to broken valves. The contractor made a temporary repair on the existing water main until a solution could be developed and remaining combined sewer installation work along Berkshire was deferred until Spring 2019. During the winter months in late 2018 into early 2019, the Village and ERA developed a plan to replace defective valves at select locations along Berkshire. Additional time spent by ERA designing, coordinating and implementing this plan totaled 28 hours. Due to material lead times and various subcontractor delays, the valve replacement work and remaining utility installations along Berkshire were not completed until August 2019.

Overall, it was anticipated that the project would be constructed within a 4-month period from October 1, 2018 to November 30, 2018 and May 1, 2019 to June 30, 2019. The actual construction timeframe was a 7-month period from October 23, 2018 through December 7, 2018 and May 13, 2019 through October 22, 2019. There was roughly 1 month of delay time associated with contractor scheduling, material procurement and equipment issues; therefore, overall construction lasted for approximately 6 months. Overall, these delays may be directly related to the valve replacements required along Berkshire Street since the contractor could not begin roadway reconstruction work on Berkshire Street until the water and sewer work was completed. This past summer the Village also sponsored a program that offered residents whose properties have a partial lead water service line the opportunity to obtain water pitchers and filter cartridges. ERA spent additional time delivering letters, water pitchers and filter cartridges to residents during construction. A total of 85 working days for full-time construction observation were included in our original scope of work to see the project through to completion in the

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field; however, ERA was on site overseeing the construction of the improvements for a total of 125 days.

Below is a summary of the portion of our approved contract associated with engineering services to date for the 18-1 Water and Sewer Main Improvement Project.

	Actual Efforts to Date	Contract	Difference
Total Hours (Design)	481	406	75
Total Hours (Construction)	1,653	1,068	585
Total Hours	2,134	1,474	660
Total Fees (Design)	\$61,405	\$48,055	\$13,350
Total Fees (Construction)	\$213,654	\$138,309	\$75,345
Total Fees	\$275,059	\$186,364	\$88,695
Amount Requested			\$59,921.09

The total difference in hours and fees to see the project through to final completion is reflected above; however, the entirety of this amount will not be requested. All additional time spent during the design phase of the project and a portion of our time during construction was associated with tasks within the scope of our current contract. We are not requesting any compensation for design efforts prior construction commencing.

The contractor will complete punch list items early next month and remaining tasks will include processing the final pay request, completing as-builts and project closeout procedures. The amount of this request includes Berkshire valve replacement design/coordination efforts and 40 days of additional time for our full-time Resident Inspector (9 hrs/day) and part-time Resident Engineer (2 hrs/day). Therefore, we would like to request an amendment to our current contract in the amount of \$59,921.09.

### **Fees**

The supplement for additional services described in this request for Contract Amendment No. 1 is summarized below. A detailed breakdown of hours and fees are provided on the following pages.

Original Contract Amount	\$186,363.11
Contract Amendment No. 1	\$59,921.09
Revised Contract Amount	\$246,284.20



We appreciate the opportunity to submit this request for amendment and we trust it meets with your approval. Please contact me at (630) 393-3060 if you have any comments or questions.

Sincerely,  
ENGINEERING RESOURCE ASSOCIATES, INC.



Brian J. Dusak, PE  
Principal / Project Manager

Acceptance & Authorization  
Contract Amendment No. 1  
VILLAGE OF OAK PARK

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Authorized Signature

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Printed Name & Title

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Date



DF-824-039  
REV 12/04

12/23/19

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**AVERAGE HOURLY PROJECT RATES**

**FIRM**  
**PSB**  
**PRIME/SUPPLEMENT**

Engineering Resource Associates, Inc.  
18-1 Water and Sewer Main Improvement Project - Phase III

**DATE** 12/23/19

**SHEET** 1 OF 5

PAYROLL  CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Valve Repl. Coordination			Construction Observation											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Professional Engineer VI	70.00	0																	
Professional Engineer V	65.80	0																	
Professional Engineer IV	61.00	0																	
Professional Engineer III	52.00	104	22.22%	11.56	24	85.71%	44.57	80	18.18%	9.45									
Professional Engineer II	40.00	0																	
Professional Engineer I	32.00	4	0.85%	0.27	4	14.29%	4.57												
Structural Engineer VI	70.00	0																	
Structural Engineer III	58.00	0																	
Staff Engineer III	31.50	0																	
Staff Engineer II	30.00	0																	
Staff Engineer I	28.00	0																	
Lead Resident Inspector	43.50	360	76.92%	33.46				360	81.82%	35.59									
Engineering Technician IV	30.00	0																	
Engineering Intern II	16.00	0																	
Engineering Intern I	12.00	0																	
Ecological Services Director	45.00	0																	
Environmental Specialist I	25.50	0																	
Professional Surveyor I	43.00	0																	
Surveyor III	30.00	0																	
Administrative Staff IV	30.00	0																	
Administrative Staff III	25.00	0																	
Administrative Staff II	21.75	0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
<b>TOTALS</b>		468	100%	\$45.29	28	100.00%	\$49.14	440	100%	\$45.05	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00