



June 8, 2020

Mr. S. Khurshid Hoda, CPP
Director, Engineering Programs and Services
Village of Orland Park
14700 Ravinia Avenue
Orland Park, IL 60462

Project: 143rd Street at John Humphrey Drive
Section: 16-00078-00-CH
County: Cook
Subject: Contract Supplement Request

Dear Mr. Hoda:

As part of the Phase I Study for the subject project, Patrick Engineering (Patrick) performed an evaluation of the existing dry land bridge under the eastbound lanes of 143rd Street, which included an initial geotechnical investigation. Based on the subsequent evaluation, it was determined that the bridge be expanded to support the westbound lanes, as well. The Illinois Department of Transportation (IDOT) requires additional geotechnical investigation to accommodate this expanded scope. Since a full Type, Size, and Location (TS&L) drawing is required in Phase I, IDOT will not grant Phase I Design Approval on this project unless the full geotechnical investigation is completed and approved by IDOT. As such, a contract supplement in the amount of \$19,995 is required for these additional required tasks, as enclosed. This supplement is inclusive of all costs needed for the completion of the Phase I Project Development Report (PDR) and will allow Patrick to secure Phase I Design Approval on this project from IDOT.

If the Village is in agreement with the aforementioned contract change, please sign and date the signature block below. If you have questions or need additional information, please contact me at (630) 795-7468 or jcebulski@patrickco.com.

Sincerely,

PATRICK ENGINEERING INC.

Jarrod J. Cebulski, P.E.
Director of Transportation

Enclosures

Name: _____

Title: _____

Signature: _____

Date: _____

PAYROLL ESCALATION TABLE ANNIVERSARY RAISES

FIRM NAME
PRIME/SUPPLEMENT
Prepared By

Patrick Engineering Inc.
Supplement
Patrick Engineering Inc.

DATE 06/02/20
PTB-ITEM # 200

CONTRACT TERM 2 MONTHS
START DATE 7/1/2020
RAISE DATE ANNIVERSARY

OVERHEAD RATE 142.53%
COMPLEXITY FACTOR 0
% OF RAISE 2.00%

ESCALATION PER YEAR

DETERMINE THE MID POINT OF THE AGREEMENT

1

CACULATE THE ESCALATION FACTOR TO THE MIDPOINT OF THE CONTRACT

0.17%

The total escalation for this project would be: 0.17%

PAYROLL RATES

FIRM NAME Patrick Engineering Inc. **DATE** 06/02/20
PRIME/SUPPLEMENT Supplement
PTB-ITEM # 200

ESCALATION FACTOR **0.17%**

Note: Rates should be capped on the AVG 1 tab as necessary

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
Principal	\$78.00	\$78.13
Project Manager	\$76.47	\$76.60
Senior Technical Specialist	\$67.36	\$67.47
Project Engineer 3/4	\$61.27	\$61.37
Project Engineer 1/2	\$45.35	\$45.43
Staff Engineer 3	\$44.07	\$44.14
Staff Engineer 2	\$38.65	\$38.71
Staff Engineer 1	\$31.69	\$31.74
CAD Designer	\$31.25	\$31.30
Administrative Assistant	\$27.89	\$27.94

**COST PLUS FIXED FEE
COST ESTIMATE OF CONSULTANT SERVICES**

Bureau of Design and Environment

DATE

Prepared By: Consultant

FIRM

Patrick Engineering Inc.

PTB-ITEM#

200

OVERHEAD RATE 142.53%

PRIME/SUPPLEMENT

Supplement

COMPLEXITY FACTOR 0

06/02/20

DBE DROP BOX	ITEM	MANHOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENF (C)	DIRECT COSTS (D)	FIXED FEE (E)	SERVICES BY OTHERS (G)	DBE TOTAL (H)	TOTAL (B-G)	% OF GRAND TOTAL
	Geotechnical Borings	43	2,195	3,128	13,948	724		-	19,995	100.00%
			-	-	-	-		-	-	
			-	-	-	-		-	-	
			-	-	-	-		-	-	
			-	-	-	-		-	-	
			-	-	-	-		-	-	
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			-	-	-	-		-	-	
	Subconsultant DL					0			-	
	TOTALS	43	2,195	3,128	13,948	724	-	-	19,995	100.00%

5,323

DBE 0.00%

AVERAGE HOURLY PROJECT RATES

FIRM Patrick Engineering Inc.
PTB-ITEM# 200
PRIME/SUPPLEMENT Supplement

DATE 06/02/20

SHEET 1 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Geotechnical Borings											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	78.00	0.0														
Project Manager	76.60	5.0	11.63%	8.91	5	11.63%	8.91									
Senior Technical Specialist	67.47	0.0														
Project Engineer 3/4	61.37	15.0	34.88%	21.41	15	34.88%	21.41									
Project Engineer 1/2	45.43	0.0														
Staff Engineer 3	44.14	13.0	30.23%	13.35	13	30.23%	13.35									
Staff Engineer 2	38.71	0.0														
Staff Engineer 1	31.74	10.0	23.26%	7.38	10	23.26%	7.38									
CAD Designer	31.30	0.0														
Administrative Assistant	27.94	0.0														
		0.0														
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TOTALS		43.0	100%	\$51.04	43.0	100.00%	\$51.04	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00