



April 14, 2020

Mr. Thomas P. Somodji
Project Manager
Lake County Division of Transportation
600 West Winchester Road
Libertyville, IL 60048

Project: Illinois Route 120
Knight Avenue to Illinois Route 131
Section: 12-00999-31-WR
County: Lake
Permit: 049-57261
Subject: Contract Supplement Request

Dear Mr. Somodji:

We are forwarding Contract Supplement #3 for this project in the amount of \$21,883. This supplement includes additional out of scope work that has been required throughout the course of project development. These tasks are:

- Plan Revisions - As part of the permit review by IDOT for this project, it was requested that Maintenance of Traffic plans be provided before permit approval can be granted. Also, IDOT is undertaking a project at the IL 120/IL 131 intersection and effort is required to review, compare and remove this work from the LCDOT contract. (\$18,946)
- Utility Coordination - As part of the IDOT permit review for the individual utility permits, additional comments were received that has resulted in the need for additional utility coordination to determine the proposed locations for the utility relocations required. (\$1,803)
- Administration and QA/QC – Additional administration and QA/QC effort is required for the above scope of work. (\$1,134)

Please review the attached materials and advise us if they are acceptable for further processing. If you have questions or need additional information, please contact me at (630) 795-7468 or jcebulski@patrickco.com.

Sincerely,

PATRICK ENGINEERING INC.

A handwritten signature in black ink that reads "Jarrod J. Cebulski".

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

Enclosures

PAYROLL ESCALATION TABLE FIXED RAISES

FIRM NAME Patrick Engineering Inc.
 PRIME/SUPPLEMENT IL 120 Phase II Supp. #3
 Prepared By Patrick Engineering Inc.

DATE 12/11/19
 PTB-ITEM# 0

CONTRACT TERM 2 MONTHS
 START DATE 12/1/2019
 RAISE DATE 1/1/2020
 END DATE 1/31/2020

OVERHEAD RATE 158.06%
 COMPLEXITY FACTOR 0
 % OF RAISE 3%

ESCALATION PER YEAR

year	First date	Last date	Months	% of Contract
0	12/1/2019	1/1/2020	1	50.00%
1	1/2/2020	2/1/2020	1	51.50%

The total escalation = 1.50%

PAYROLL RATES

FIRM NAME Patrick Engineering Inc. DATE 12/11/19
 PRIME/SUPPLEMENT IL 120 Phase II Supp. #3
 PTB-ITEM # 0

ESCALATION FACTOR **1.50%**

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

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
Principal	\$70.00	\$71.05
Project Manager	\$70.00	\$71.05
Project Engineer 3/4	\$59.64	\$60.53
Project Engineer 1/2	\$44.06	\$44.72
Staff Engineer 3	\$37.62	\$38.18
Staff Engineer 2	\$36.95	\$37.50
Admin Assistant	\$24.15	\$24.51

AVERAGE HOURLY PROJECT RATES

FIRM Patrick Engineering Inc.
PTB-ITEM# 0
PRIME/SUPPLEMENT IL 120 Phase II Supp. #3

DATE 12/11/19

SHEET 1 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Contract Plans			Meetings/Coordination			Permits			Utilities			Survey		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	70.00	0.0																	
Project Manager	70.00	2.0	1.06%	0.74	2	1.22%	0.85												
Project Engineer 3/4	60.53	4.0	2.13%	1.29															
Project Engineer 1/2	44.72	18.0	9.57%	4.28	16	9.76%	4.36												
Staff Engineer 3	38.18	86.0	45.74%	17.47	70	42.68%	16.30	16	100.00%	38.18									
Staff Engineer 2	37.50	76.0	40.43%	15.16	76	46.34%	17.38												
Admin Assistant	24.51	2.0	1.06%	0.26															
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TOTALS		188.0	100%	\$39.20	164.0	100.00%	\$38.89	16.0	100%	\$38.18	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00

AVERAGE HOURLY PROJECT RATES

FIRM Patrick Engineering Inc.
PTB-ITEM# 0
PRIME/SUPPLEMENT IL 120 Phase II Supp. #3

DATE 12/11/19
SHEET 2 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	QA/QC			Post-Contract Coord.			Admin & Management											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	70.00																		
Project Manager	70.00																		
Project Engineer 3/4	60.53	2	50.00%	30.27				2	50.00%	30.27									
Project Engineer 1/2	44.72	2	50.00%	22.36															
Staff Engineer 3	38.18																		
Staff Engineer 2	37.50																		
Admin Assistant	24.51							2	50.00%	12.26									
TOTALS		4.0	100%	\$52.63	0.0	0%	\$0.00	4.0	100%	\$42.52	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00

Phase II Contract Plans			
	<u>ITEM</u>		
1	<u>Contract Plan Preparation</u>	<u>Sheets</u>	<u>Manhours</u>
	Summary of Quantities	1	2
			Subtotal MH's 2
	Schedule of Quantities	1	2
			Subtotal MH's 2
	Maintenance of Traffic Plans	<u>Sheets</u>	<u>MHs</u>
	Prepare TMP	-	6
	MOT Typical Sections	2	2
	MOT Plan Sheets (3 sheets (double view) x 3 stages)	9	12
			Subtotal MH's 118
	Quantity Calculations		<u>MHs</u>
	Update Quantity Calculations		6
			Subtotal MH's 6
	Special Provisions		<u>MHs</u>
	Update Special Provisions		6
			Subtotal MH's 6
	Plan Submittal		<u>MHs</u>
	Revise Plans to Remove Work Proposed by IDOT		24
	Prepare New Plan Submittal		6
			Subtotal MH's 30
			TOTAL MH'S = 164
			ESTIMATED DIRECT COSTS = \$ 125
	Materials and Reproduction		
	Final Submittal		
	200 sheets of specs X 2 sets X \$0.10 per sheet =		\$ 40
	170 plan sheets X 2 copies 1/4 size X \$0.25 per sheet =		\$ 85
2	<u>Meetings/Field Checks/Coordination</u>		
	Additional Utility Coordination and Plan Review		16
		Total Meetings / Field Checks 0	
		TOTAL MEETINGS / FIELD CHECK / COORDINATION MH'S =	16
		ESTIMATED DIRECT COSTS =	\$ -
3	<u>Permits</u>		<u>MHs</u>
4	<u>Utilities</u>		<u>MHs</u>
5	<u>Survey</u>		<u>MHs</u>

