



CHRISTOPHER B. BURKE ENGINEERING, LTD.

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January 21, 2019

REVISED: May 9, 2019

Village of Orland Park
14700 Ravinia Avenue
Orland Park, IL 60462

Attn: Sean Marquez, Senior Project Manager

Subject: 151st Street (Ravinia Avenue to West Avenue)
Section No. 13-00071-00-WR
Supplemental Fee for Additional Right-of-Way
Acquisition and Design Services
CBBEL Job # 150272_PH2

Dear Mr. Marquez:

Per our discussion on January 16, 2019, we are respectfully submitting this request for supplemental fee due to work effort above and beyond or not included in our original contract. Our original contract was based on an April 2016 Construction Letting. This Letting date has been delayed several times for various reasons including adjacent construction projects such as US 45/LaGrange Road and the 147th Street/Ravinia Avenue Roundabout. This 3-year delay has directly or indirectly caused additional effort for our team. The following summarizes the issues causing our supplement request:

- The current contract was based on an April 2016 Letting. This letting was moved back per Village request 4 times to June 2016, March 2017, Jan 2019 and now August 2019.
- We have continually coordinated with the Village, property owners and utility companies throughout the 3-year delay.
- Property owners have changed, appraisals have expired, etc. causing our right-of-way consultant additional work.
- Per Village request, our landscape architect designed a specific landscaping plan for a property owner in order to solicit an easement and permanent property take for donation. Drainage and access improvements were also designed along with color exhibits and a separate cost estimate for this work.
- Specifications have been updated to meet new letting requirements.
- Sidewalk ramps were designed to IDOT's new ADA policies. This effort was not included in our original contract as this was not an IDOT requirement at the time.
- Additional coordination included preparing a change order for the US 45/LaGrange Road project, and preparing exhibits and attending/minuting a coordination meeting with Crown Castle.

Additional Scope of Services

Task 1 - Additional Ongoing Coordination: From the original letting date of April 2016 to the current letting date of June 2019, CBBEL has coordinated with IDOT, the Southwest Conference of Mayors, Village Staff, utility companies and affected property owners. This was accomplished through numerous meetings, phone calls, emails and letters.

Task 2 - Updating Plans, Specifications and Estimate: As the target letting date was moved back four times, CBBEL had to update the plans, specifications and cost estimate to current IDOT standards and average unit bid prices.

Task 3 - Right-of-Way Acquisitions

Task 3.1 - Santacruz: After appraisals and negotiations took place with Parcel 0007, ownership changed causing Santacruz to start the process over. The dimensions of the Parcel 0010 easement changed significantly, causing Santacruz to re-start this appraisal as well. Also, the temporary easement obtained from Parcel 0004 is more than 3-years old and IDOT will require an extension of this easement.

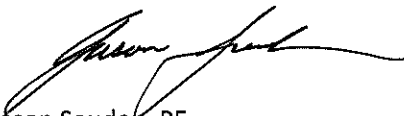
Task 3.2 - CBBEL: Per Village request, CBBEL prepared a custom landscaping plan for Parcel 0010 along with drainage, lighting and access improvements on private property. CBBEL prepared color exhibits and a separate cost estimate for these improvements.

Task 4 - New IDOT ADA Design Requirements: Due to new IDOT policy enacted after our contract was executed, CBBEL prepared detailed ADA ramp designs which caused the addition of 17 plan sheets to our current plan set.

Per our phone conversations with the Village on May 7, 2019 and May 8, 2019, we have agreed to reduce our original supplement request from \$63,841.47 to \$53,802.59. This was accomplished by eliminating the fixed fee from the IDOT Fee Spreadsheet and reducing hours. Note that with this supplement our total Phase 2 engineering fee represents approximately 4.4% of the estimated construction cost. Traditionally, Phase 2 engineering typically ranges from 6-8% of construction cost for similar projects.

If you have any questions, please call me at 847.823.0500.

Sincerely,



Jason Souden, PE
Vice President
Head, Civil Engineering Design Department

COST PLUS FIXED FEE COST ESTIMATE OF CONSULTANT SERVICES

FIRM
Local Agency
Section
Project
Job No:

Christopher B. Burke Engineering, Ltd.
Orland Park
13-00071-00-WR
131st Street

OVERHEAD RATE
COMPLEXITY FACTOR

129.83%
0

DATE 05/09/19

Cost Plus Fixed Fee 2 14.50% [DL+R(DL) + 1.4(DL)+HDC]

DBE DROP BOX	MANHOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENEFIT (C)	IN-HOUSE DIRECT COSTS (D)	FIXED FEE (E)	Outside Direct Costs (F)	SERVICES BY OTHERS (G)	DBE TOTAL (H)	TOTAL (B-G)	% OF GRAND TOTAL
	60	3,319.48	4,309.68		1,155.18				8,784.34	14.79%
	108	5,585.38	7,251.50		1,943.71				14,780.59	24.89%
	64	3,314.90	4,303.73		1,153.59		17,000.00		25,772.22	43.41%
	80	3,793.20	4,924.71		1,320.03				10,037.95	16.91%
Subconsultant DL	312	16,012.96	20,789.63	0.00	5,572.51	0.00	17,000.00	0.00	59,375.10	100.00%
TOTALS										

Santa cruz \$ 17,000

DBE

$\$ 59,375.10 - \$ 5,572.51$ (FIXED FEE) = $\$ 53,802.59$

PREPARED BY THE AGREEMENTS UNIT

Printed 5/9/2019 8:43 AM

AVERAGE HOURLY PROJECT RATES

FIRM Christopher B. Burke Engineering, Ltd.
 Local Agency Orland Park
 Section 13-00071-00-WR
 Project 151st Street
 Job No: 0

DATE 05/09/19

SHEET 1 OF 5

PAYROLL CLASSIFICATION	TOTAL PROJECT RATES			Additional Ongoing Coord			Updating Plans, Specific			Right-of-Way Acquisitions			New IDOT ADA Design Re		
	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
ENGINEER VI	0														
ENGINEER V	8	2.56%	1.79	4	6.67%	4.67	2	1.85%	1.30	2	3.13%	2.19			
ENGINEER IV	56	17.95%	11.76	20	33.33%	21.84	16	14.81%	9.71	12	18.75%	12.29	8	10.00%	6.55
ENGINEER III	24	7.69%	4.19										24	30.00%	16.32
ENGINEER I/II	102	32.69%	15.25	12	20.00%	9.33	52	48.15%	22.46	38	59.38%	27.70			
ENGINEER V	48	15.38%	5.09	8	13.33%	4.41	8	7.41%	2.45				32	40.00%	13.23
SURVEY IV	0														
SURVEY III	0														
SURVEY II*	0														
SURVEY I*	0														
ENGINEERING TECHN	0														
ENGINEERING TECHN	0														
ENGINEERING TECHN	0														
ENGINEERING TECHN	0														
CAD MANAGER	32	10.26%	6.33	8	13.33%	8.23	16	14.81%	9.15				8	10.00%	6.18
ASST. CAD MANAGER	42	13.46%	6.91	8	13.33%	6.84	14	12.96%	6.65	12	18.75%	9.62	8	10.00%	5.13
CAD II*	0														
GIS SPECIALIST III	0														
GIS SPECIALIST I/II*	0														
LANDSCAPE ARCHITE	0														
ENVIRONMENTAL RES	0														
ENVIRONMENTAL RES	0														
ENVIRONMENTAL RES	0														
ENVIRONMENTAL RES	0														
ENVIRONMENTAL RES	0														
ADMINISTRATIVE*	0														
ENGINEERING INTERN	0														
TOTALS	312	100%	\$51.32	60	100.00%	\$55.32	108	100%	\$51.72	64	100%	\$51.80	80	100%	\$47.42
													0	0%	\$0.00