



**VILLAGE OF WILMETTE
1200 Wilmette Ave
Wilmette, IL 60091**

**Contract No. 18137
Amendment No. 03**

For:

**West Side Neighborhood Storage Project
ENGINEERING SERVICES**

With:

**Christopher B. Burke Engineering, Ltd.
9575 W. Higgins Road, Suite 600
Rosemont, IL 60018**

1. The Village of Wilmette ("Village") and Christopher B. Burke Engineering, Ltd. ("Engineer") have entered into contract no. 18137 – West Side Neighborhood Storage Project – Engineering Services.

2. The Village and Engineer hereby mutually agree to amend the contract to include the following services and fees:

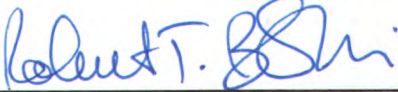
a. Additional Engineer services in an amount to exceed \$49,234 as outlined in Attachment Four ("Attachment Four") that were required to obtain the necessary Illinois Department of Transportation ("IDOT") and Cook County Highway Department ("CCHD") permits associated with the construction engineering services for Phase 1A for a new storm sewer.

3. All other contract terms and conditions not changed by this (or prior) Amendment(s) remain in full force and effect.

4. Effective Date. The Amendment to the Contract shall be binding on the parties and effective only as of the date fully executed by both parties.

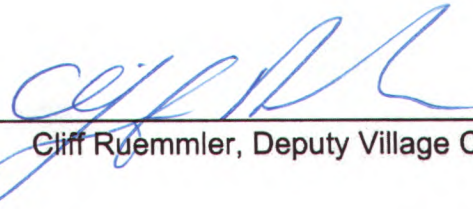
THE VILLAGE OF WILMETTE, ILLINOIS

Accepted this 16th day of January, 2021



Robert T. Bielinski, Village President

Attest:



Cliff Ruemmler, Deputy Village Clerk

FOR THE CORPORATION

An officer duly authorized by the corporation shall sign here:

Accepted this 12th day of January, 2021



By

President

Position/Title

Christopher B. Burke Engineering, Ltd.

Print Company Name

**ATTACHMENT FOUR
CHRISTOPHER B. BURKE ENGINEERING, LTD.'S
PROPOSAL DATED DECEMBER 07, 2020**

December 7, 2020

TO: Dan Manis, PE – Village of Wilmette

FROM: Kevin Wilson, PE - CBBEL

SUBJECT: Wilmette West Side Neighborhood Storage Project – Phase 1A
Construction Engineering Services Amendment
(CBBEL Project No. 1800245.C0001)

Christopher B. Burke Engineering, Ltd. (CBBEL) is requesting consideration for an amendment to our professional construction engineering service agreement to increase our fee by \$49,234. This represents an additional 210 hours of Design Engineering related to Lake Avenue water main work and an additional 158 hours Resident Engineering construction observation due to construction completion 3 months beyond the contract completion date. The original construction engineering contract for the WSNP 1A – Phase III services is \$281,345.69. The following is information on the various items and the time spent by CBBEL.

- CBBEL design staff was required to complete permit submittals, plan revisions (signal modifications and maintenance of traffic), and coordination with IDOT and Cook County before water main work on Lake Avenue (Hibbard Road to Skokie Boulevard) could commence. This work was not included in the design services agreement; the extent of coordination to obtain these permits was unknown at the time of bidding. It is typical to include 3 permit submittals during the design phase; IDOT coordination on this project required 6 submittals and Cook County required 4 submittals. The amount of coordination was greater than usual due to a concurrent project at this intersection and complexity of water main directional boring.

A summary of employee hours for additional design services to obtain IDOT and CCDH permits is as follows:

Bariso, Fidel -	25 hours
Jensen, Elizabeth -	35 hours
Koonce, Mark -	57 hours
Massarelli, James -	91.5 hours
Ziegler, Mike -	17.5 hours
TOTAL -	226 hours

Within this total, we estimate Jim Massarelli spent approximately 16 hours completing site visits and responding to contractor RFIs; we will deduct this from the additional design hour request.

CBBEL Additional Time Requested: 210 Hours Total
25 CAD Tech Hours (CAD Technician II)
35 Transportation Engineer Hours (Engineer IV)
57 Design Engineer Hours (Engineer Tech III)
75.5 Design Engineer Hours (Engineer V)
17.5 Transportation Engineer Hours (Engineer VI)

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CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W Higgins Road, Suite 600 Rosemont, Illinois 60018-4920 Tel (847) 823-0500 Fax (847) 823-0520
Village of Wilmette

- The construction contract between the Village and Di Meo Brothers, Inc. stated a completion date of June 15, 2020 plus 10 Working Days. CBBEL based our proposal upon this completion date. Due to delays with permitting related to the water main construction on Lake Avenue (Hibbard Rd. to Skokie Blvd.), construction was not completed until September 30, 2020. Overall work continued as Di Meo continued to complete storm sewer and roadway reconstruction/resurfacing improvements at other locations, so the permit delays did not result in an overall suspension of engineering services. Our Construction Engineering Services agreement included 1,764 hours for Construction Observation from October 1, 2019 to June 30, 2020; the final total hours spent on Construction Observation was 1,999.75 hours. This difference of 235.75 hours is due primarily to the additional observation required to complete the water main work.

A summary of overall Phase III Resident Engineer and Inspector hours related to Construction Observation (October 1, 2019 to current) to date is as follows:

Betke, Kevin –	9 Hours
Bourke, Andrew –	12 Hours
Kielty, Patrick –	36 Hours
Lehmann, Nicole –	18 Hours
Mysliwiec, Jeff –	3 Hours
Scarpelli, Jake –	16 Hours
Silvestri, Christian –	214 Hours
Sprague, Bill –	36.25 Hours
Tremmel, Nick –	24 Hours
Wais, Tracy –	1,607.5 Hours
Wattelle, Owen –	24 Hours
TOTAL	1,999.75 Hours

Our Phase III Proposal included 1,764 Resident Engineer and Inspector hours for Construction Observation. This work required 1,999.75 hours as shown above. This is an addition of 235.75 Hours.

We budgeted 144 Resident Engineer and Inspector hours for Pre-Construction services; that work required only 66.5 hours. This is a deduction of 77.5 hours.

CBBEL Additional Time Requested: 158 Hours Total
79 Resident Engineer Hours (Engineer III)
79 Inspector Hours (Engineer I/II)

CBBEL is respectfully requesting an amendment to our professional construction engineering service agreement in the amount of \$49,234. This is summarized in the attached Cost of Engineering Consultant Services, which follows the format of our original agreement. We have also attached a summary of hours to date by month and the original budgeted hour schedule.

If you have any questions or need to discuss this further, please do not hesitate to contact us. Thank you for your consideration of this request.

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Village of Wilmette



**Cost Estimate of
Consultant Services**
(Direct Labor Multiple)

Firm	Christopher B. Burke Engineering, Ltd.
Route	Construction Engineering
Section	
County	
Job No.	
PTB & Item	

Date	12/06/20
Overhead Rate	129.83%
Complexity Factor	0

DBE DROP BOX	ITEM	MANHOURS (A)	PAYROLL (B)	(2.60+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	DBE TOTAL (C+D+E)	TOTAL (C+D+E)	% OF GRAND TOTAL
	Additional Design Services	210	12,513.25	32,534.44	0.00	0.00		32,534.44	66.08%
	Additional Const Observation	158	6,422.94	16,699.65	0.00	0.00		16,699.65	33.92%
	TOTALS	368	18,936.19	49,234.09	0.00	0.00	0.00	49,234.09	100.00%

DBE 0.00%



Average Hourly Project Rates

Route _____ Construction Engineering
Section _____
County _____
Job No. _____
PTB/Item _____

Consultant Christopher B. Burke Engineering, Ltd.

Date 12/06/20

Sheet 1 OF 1

Payroll Classification	Avg Hourly Rates	Total Project Rates			Additional Design Services			Additional Const 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
PRINCIPAL	\$75.00	0																	
ENGINEER VI	\$75.00	17.5	4.76%	3.57	17.5	8.33%	6.25												
ENGINEER V	\$67.24	75.5	20.52%	13.80	75.5	35.95%	24.17												
ENGINEER IV	\$55.45	35	9.51%	5.27	35	16.67%	9.24												
ENGINEER III	\$47.59	79	21.47%	10.22				79	50.00%	23.80									
ENGINEER I/II	\$33.71	79	21.47%	7.24				79	50.00%	16.86									
SURVEY V	\$75.00	0																	
SURVEY IV	\$66.75	0																	
SURVEY III	\$58.85	0																	
SURVEY II*	\$44.13	0																	
SURVEY I*	\$35.16	0																	
ENGINEERING TECHNICIAN	\$66.01	0																	
ENGINEERING TECHNICIAN	\$49.17	0																	
ENGINEERING TECHNICIAN	\$52.42	57	15.49%	8.12	57	27.14%	14.23												
ENGINEERING TECHNICIAN	\$21.06	0																	
CAD MANAGER	\$62.93	0																	
ASST. CAD MANAGER	\$52.31	0																	
CAD II *	\$47.82	25	6.79%	3.25	25	11.90%	5.69												
GIS SPECIALIST III	\$49.94	0																	
GIS SPECIALIST I/II*	\$32.61	0																	
LANDSCAPE ARCHITECT	\$56.56	0																	
ENVIRONMENTAL RESOURC	\$69.81	0																	
ENVIRONMENTAL RESOURC	\$54.14	0																	
ENVIRONMENTAL RESOURC	\$41.45	0																	
ENVIRONMENTAL RESOURC	\$31.72	0																	
ENVIRONMENTAL RESOURC	\$39.24	0																	
ADMINISTRATIVE*	\$36.97	0																	
ENGINEERING INTERN	\$16.31	0																	
		0																	
		0																	
TOTALS		368	100%	\$51.46	210	100%	\$59.59	158	100%	\$40.65	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00



Payroll Rates

FIRM NAME Christopher B. Burke Engineerir DATE 12/06/20
PRIME/SUPPLEMENT _____
PTB NO. _____

ESCALATION FACTOR 1.91%

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
PRINCIPAL	\$75.00	\$75.00
ENGINEER VI	\$74.56	\$75.00
ENGINEER V	\$65.98	\$67.24
ENGINEER IV	\$54.41	\$55.45
ENGINEER III	\$46.70	\$47.59
ENGINEER I/II	\$33.08	\$33.71
SURVEY V	\$74.00	\$75.00
SURVEY IV	\$65.50	\$66.75
SURVEY III	\$57.75	\$58.85
SURVEY II*	\$43.30	\$44.13
SURVEY I*	\$34.50	\$35.16
ENGINEERING TECHNICIAN V	\$64.77	\$66.01
ENGINEERING TECHNICIAN IV	\$48.25	\$49.17
ENGINEERING TECHNICIAN III	\$51.44	\$52.42
ENGINEERING TECHNICIAN I/II*	\$20.67	\$21.06
CAD MANAGER	\$61.75	\$62.93
ASST. CAD MANAGER	\$51.33	\$52.31
CAD II *	\$46.92	\$47.82
GIS SPECIALIST III	\$49.00	\$49.94
GIS SPECIALIST I/II*	\$32.00	\$32.61
LANDSCAPE ARCHITECT	\$55.50	\$56.56
ENVIRONMENTAL RESOURCE SPECIALIST V	\$68.50	\$69.81
ENVIRONMENTAL RESOURCE SPECIALIST IV	\$53.13	\$54.14
ENVIRONMENTAL RESOURCE SPECIALIST III	\$40.67	\$41.45
ENVIRONMENTAL RESOURCE SPECIALIST I/II	\$31.13	\$31.72
ENVIRONMENTAL RESOURCE TECHNICIAN*	\$38.50	\$39.24
ADMINISTRATIVE*	\$36.28	\$36.97
ENGINEERING INTERN	\$16.00	\$16.31
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

**Construction Engineering Monthly Hour Breakdown - Original Contract
Village of Wilmette - WSNP**

CBB
PH1A - CBB
PH1A - CBB

**PM
RE
Inspector
Admin
Total**

2019												Yearly Total
						Pre-Construction			Construction			
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
								4	4	4		12
								128	204	204	144	680
								4	4	4	4	16
								8				8
0	0	0	0	0	0	0	0	144	212	212	148	716

CBB
PH1A - CBB
PH1A - CBB

**PM
RE
Inspector
Survey

Total**

2020												Yearly Total
Construction						Post-Construction / Record Drawings						
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			4	4	4	4						16
44	44	144	204	204	204	160	40	0				1044
4	4	4	160	160	4	4	88	0				340
												88
48	48	148	368	368	212	168	128	0	0	0	0	1488

28
1724
356
96

Assumptions

2204

Site work = 50 Hrs / Week during Construction

*Winter shutdown is assumed to occur from mid-December through mid-March. CBBEL has not budgeted hours for Construction Observation during this period. Additional hours would be required to perform Construction Observation during this period should the Contractor be working on site.

**Inspector hours during April/May 2020 are an estimate towards proposed Lake Avenue water main work. The design is not complete as of 07/2019.

Construction Engineering Monthly Hour Breakdown - Actual
Village of Wilmette - WSNP

CBB
PH1A - CBB
PH1A - CBB

PM
RE
Inspector
Admin
RFIs/Design
Total

2019												Yearly Total
						Pre-Construction			Construction			
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
								16	5	3		24
							1	24.5	143.5	211.5	124	503.5
								15	36	16	33	100
								10	22.5	31.5	2	66
0	0	0	0	0	0	0	1	65.5	207	262	159	694.5

CBB
PH1A - CBB
PH1A - CBB

PM
RE
Inspector
Survey
RFIs/Design
Total

2020												Yearly Total
Construction						Post-Construction / Record Drawings						
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
4	9	5	3	14	13	2	2					52
51.5	16	21.5	161.5	208	186	156	170	94.5	20.5	2		1087.5
	5		32.5	36	17	112.25	101	11.75	2			317.5
												0
64	12	19	26.5	65	8.5	14.5	3.5	5				218
119.5	42	45.5	223.5	323	224.5	284.75	276.5	111.25	22.5	2	0	1675

**Job
Total**

76
1591
417.5
0
284

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