



CHRISTOPHER B. BURKE ENGINEERING, LTD.

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August 15, 2025

Village of Orland Park
Public Works Department
15655 Ravinia Avenue
Orland Park, IL 60462

Attention: Mr. Patrick McLaughlin
Utility Operations Manager

Subject: Catalina Subdivision Water Main Replacement and Storm Sewer Project
Supplemental Fee # 3 and 4

Dear Mr. McLaughlin:

As discussed, Christopher B. Burke Engineering, Ltd. (CBBEL) is submitting this supplemental fee for various services related to the Catalina Subdivision Project. Below is our explanation of the need for the supplemental fees and the associated services performed. Please note that the original contract amount is for \$1,320,528.00. Supplement # 1 for \$23,668.00 and Supplement # 2 for \$62,826.00 were previously approved.

SUPPLEMENT # 3
SUMMARY OF SUPPLEMENTAL SERVICES

Supplement 3 consists of additional construction oversight effort related to the contractor for Stage 1 and for Stage 2 exceeding the intended schedule for various reasons including scheduling delays, weather impacts, and utility delays. This supplement also includes the additional design effort related to the inclusion of water main replacement on Catalina Lane from Sycamore Drive to Willowwood Court.

SCOPE OF SERVICES

Task A8 – Additional Construction Observation for Stage 1 and 2: \$81,325.00

- The original scope and fee did not account for the extended construction timeline. Stage 1 was scheduled to finish by 11/30/2023, but work continued until 12/22/2023. For this period, we are requesting 20 hours of ENG V and 160 hours of ENG III (16 days at 10 hours/day). Additional Stage 1 work occurred from 4/2/2024 to 7/6/2024, overlapping with Stage 2 but still requiring separate oversight. We are requesting 20 hours of ENG V and 60 hours of ENG III (60 days at 1 hour/day) for

this effort. Finally, the Stage 2 contractor resumed work in March 2025, requiring 183 hours of ENG III for observation during February and March.

- Direct costs for this task are \$8,125.00

Task A9 – Additional Design for Catalina Lane: \$11,980

- The original scope did not include design of watermain on Catalina Lane from Sycamore Drive to Willowwood Court. We are requesting 20 hours of ENG V and 60 hours of ENG I/II for this work.

SUPPLEMENT # 4
SUMMARY OF SUPPLEMENTAL SERVICES

On December 12, 2024, the Village of Orland Park (Village) informed CBBEL of budget constraints affecting Stage 3, scheduled for construction in 2025. To better align with available funding, the Village directed CBBEL to modify the bid package to extend the construction schedule and provide for completion in late 2025. Supplement 4 accounts for the additional construction oversight required for the work occurring in 2025.

Task A10 – Extended 2025 Construction Duration & Increased Inspection Needs: \$85,850.00

- The original scope and fee assumed 8 months of construction in 2025, with full-time inspection at 8 hours per day.
- The contractor began work in mid-March, requiring an additional 2 weeks of inspection.
- Due to current progress, full-time inspection has increased to 10-hour workdays.
- Weekend work has also been necessary to accommodate the contractor's schedule.
- These changes result in an additional 500 hours for Task A10 – Construction Observation, broken down as follows:
 - 80 hours for the added two weeks of inspection
 - 340 hours for extended daily inspection (10 hours/day × 34 weeks)
 - 50 hours for estimated weekend inspection
 - 30 hours for additional management oversight
- Direct costs for this task are \$2,080

FEE ESTIMATE

The original fee for the project was \$1,320,528.00. Supplement #1 in the amount of \$ 23,668.00 and. Supplement #2 in the amount of \$62,826.00 were previously approved. Approval of Supplements #3 and #4 will increase the budgeted amount to \$ 1,586,177.00. ~~We anticipate a construction completion date of November 1, 2025.~~

All work shall be completed by December 31, 2025.

Please sign and return one copy of this agreement as an indication of acceptance and notice to proceed. Please feel free to contact us anytime.

Sincerely,



Michael E. Kerr, PE
President

Enclosure: Work Effort

THIS PROPOSAL ACCEPTED FOR VILLAGE OF ORLAND PARK:

BY: _____
TITLE: _____
DATE: _____

JFA/KEW

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SUPPLEMENT 3 - ADDITIONAL DESIGN / CONSTRUCTION OBSERVATION 2024

	WATER				STORM SEWER					
Classification	Engineer			Consultant	Engineer			Consultant	Total Hours	Total Cost
	V	III	I/II		V	III	I/II			
Rate (\$/hr)	\$218.00	\$160.00	\$127.00	\$1.00	\$218.00	\$160.00	\$127.00	\$1.00		
Task A8 - Construction Observation	40	403							443	\$ 73,200.00
Task A9 - Catalina Lane Design	20		60						80	\$ 11,980.00
Subtotals	60	403	60	0	0	0	0	0	523	
Percentage of Hours	214.3%	1439.3%	214.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1867.9%	
Total Personnel Cost	\$13,080.00	\$64,480.00	\$7,620.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Payroll Cost =	\$ 85,180.00
									Direct Cost =	\$ 8,125.00
									TOTAL COST =	\$ 93,305.00



TOTAL COST ORIGINAL + SUPP #1 + SUPP #2 + SUPP #3 = \$ 1,500,327.00

SUPPLEMENT 4 - ADDITIONAL CONSTRUCTION OBSERVATION 2025

	WATER				STORM SEWER					
Classification	Engineer			Consultant	Engineer			Consultant	Total Hours	Total Cost
	V	III	I/II		V	III	I/II			
Rate (\$/hr)	\$223.00	\$164.00	\$130.00	\$1.00	\$223.00	\$164.00	\$130.00	\$1.00		
Task A10 - Construction Observation	20	260			10	210			500	\$ 83,770.00
Subtotals	20	260	0	0	10	210	0	0	500	
Percentage of Hours	71.4%	928.6%	0.0%	0.0%	35.7%	750.0%	0.0%	0.0%	1785.7%	
Total Personnel Cost	\$4,460.00	\$42,640.00	\$0.00	\$0.00	\$2,230.00	\$34,440.00	\$0.00	\$0.00	Payroll Cost =	\$ 83,770.00
									Direct Cost =	\$ 2,080.00
									TOTAL COST =	\$ 85,850.00



TOTAL COST ORIGINAL + SUPP #1 + SUPP #2 + SUPP #3 + SUPP #4 = \$ 1,586,177.00