



**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

May 10, 2022

Village of Oak Park  
Public Works Department  
201 South Boulevard  
Oak Park, IL 60302

Attention: Mr. Bill McKenna  
Village Engineer

Subject: Supplemental Proposal #3 for Professional Engineering Services to perform  
Supplemental Phase II Design – Madison Street (S. Oak Park Avenue to S.  
East Avenue)

Dear Mr. McKenna:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal for professional engineering services for the subject project. This proposal includes our Understanding of the Assignment, Scope of Services, Design Schedule, and Estimate of Fee.

**UNDERSTANDING OF THE ASSIGNMENT**

The Village desires to modify two existing traffic signal installations at the intersections of Madison Street at S. Oak Park Avenue and at S. East Avenue including modification of associated fiber optic communications along both Madison Street and S. East Avenue. These improvements will be constructed in association of upcoming streetscape improvements planned for Madison Street from S. Oak Park Avenue to S. East Avenue.

This project services will consist of the performance of field reconnaissance, preparation of traffic signal modernization plans and specification, and all necessary coordination.

Other scope items include modifications to plans, Bid Book, estimate of time and estimate of cost related to the increase of streetscape construction elements to be done by Senior Living Facility so they can meet their completion date, as well as new funding source (DCEO).

**SCOPE OF SERVICES**

**Task 1-22:** No change.

**Task 23 – Modifications Resultant of Developer/Funding Changes:** This work will include coordination with Senior Living Facility, and then modifying plans, Bid Book, Estimate of Time, and Estimate of Anticipated Construction Cost.

Work will also include plans, cost estimates, break out of union worker's time, and other items as needed to assist Baxter/Woodman in the DCEO grant application they are preparing on behalf of Village. Bid Book will also be updated with DCEO verbiage as provided by Baxter/Woodman.

CBBEL to prepare for, attend, and provide meeting summary for Pre-Bid meeting as required by DCEO.

CBBEL will also submit NOI/SWPPP, and IHPA.

In-House Direct Costs for this task include: NOI/SWPPP \$750 review fee

Outside Direct Costs for this task include: \$100 print/messenger, and print materials for Pre-Bid Meeting.

**Task 24 – Data Collection and Field Reconnaissance:** This task involves field surveys and observations, the collection and review of relevant information, and data collection to obtain an accurate record of existing traffic signal at the subject intersections, including record drawings. Each traffic signal installation will be inventoried and documented in field notes and photographs.

**Task 25 – Traffic Signal Modification Plans:** This task involves preparation of plans, specifications and estimates for all proposed traffic signal modification improvements. Temporary traffic signal plans are not anticipated.

**Task 25.1 – Traffic Signal Removal Plans:**

We will prepare the traffic signal removal plans at 1" - 40' scale (11" x 17") and 1" - 20' scale (22" x 34") using the base sheet information from Task 24. The traffic signal removal plans will be prepared in general accordance with IDOT D1 Bureau of Traffic standards and formatting.

**Task 25.2 – Traffic Signal Modification Plans:**

We will prepare the traffic signal modification plans at 1" - 40' scale (11" x 17") and 1" - 20' scale (22" x 34") using the base sheet information from Task 24. The traffic signal modification plans will be prepared in general accordance with IDOT D1 Bureau of Traffic standards and formatting.

The traffic signal modification plans will include the following:

- a. Traffic Signal Modification Plan
- b. Cable Plan
- c. Phase Designation Diagrams (for Existing Phasing)
- d. Electrical Service Requirements Chart (to determine UPS capacity)
- e. Schedule of Quantities
- f. Special Details

**Task 25.3 – Traffic Signal Interconnect/Communication Network Plans:**

We will expand the traffic signal interconnect plans to include communication network. CBBEL will prepare the traffic signal communication network plans at 1" - 100' scale (11" x 17") and 1" - 50' scale (22" x 34") using the base sheet information from Task 24, and Village provided CADD/atlas/developer plans for S. Oak Park Avenue for CBBEL's use in digitizing existing conditions for the following locations.

1. Madison Street from S. Oak Park Avenue to S. East Avenue
2. S. Oak Park Avenue from Madison Street to Washington Street

The traffic signal interconnect plans will be prepared in accordance with IDOT DI Bureau of Traffic standards and formatting and will include the following:

- a. Interconnect Schematic Diagram
- b. Communication Network Plan
- c. Schedule of Quantities

The communication network plan will in addition be in accordance with Village IT requirements regarding village IT related communications.

gbaSI (System Integrators) will assist in the communication network design.

Outside Direct Costs for this task include: \$200 printing/copying/messengering.

Services By Others for this task include: gbaSI (System Integrators) \$10,000.

**Task 26 – Meetings and Coordination:** CBBEL anticipates attending up to 2 meetings with the Village to attend one "Kickoff" meeting and one status coordination meeting. In addition, this task will include necessary phone or e-mail coordination, as well as the preparation and distribution of all meeting agendas, minutes, and necessary exhibit/handouts. Additional meetings and associated preparation work for public meeting will be performed on a supplemental service basis. This task also includes coordination with vendors, manufactures and other necessary third parties. This task also includes 10 hrs of Shop Drawing Review for Item in Task 25.

Outside Direct Costs for this task include: \$50 for meeting materials.

**Task 27 – Project Management and QA/QC:** This work will include the time required for project oversight and supervision during the project, as well as all necessary QA/QC for all deliverables and submittals.

### **DESIGN SCHEDULE**

CBBEL estimates that the above Tasks can be completed in 6 weeks from Notice To Proceed.

### **ESTIMATE OF FEE**

We estimate the costs of the services to be \$62,582.05, as detailed in the included Cost Plus Fixed Fee Cost Estimate of Consultant Services.

We look forward to working for the Village. If you have any concerns please call myself or Bryan Luke at 847-823-0500.

Sincerely,



Michael Kerr, PE  
President

## PAYROLL RATES

FIRM NAME  
PRIME/SUPPLEMENT

Christopher B. Burke Engineering, Ltd.

DATE  
05/09/22

ESCALATION FACTOR  
MAXIMUM PAYROLL RATE

0.00%  
78.00

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
Engineer VI	77.90	\$77.90
Engineer V	69.77	\$69.77
Engineer IV	58.58	\$58.58
Engineer III	47.01	\$47.01
Engineer I/II	33.72	\$33.72
Survey V	78.00	\$78.00
Survey IV	72.00	\$72.00
Survey III	63.00	\$63.00
Survey II	51.50	\$51.50
Survey I	38.50	\$38.50
Engineering Technician V	67.75	\$67.75
Engineering Technician IV	56.63	\$56.63
Engineering Technician III	32.88	\$32.88
CAD Manager	67.17	\$67.17
CAD Technician II	48.75	\$48.75
GIS Specialist III	54.00	\$54.00
Landscape Architect	61.00	\$61.00
Landscape Designer I/II	34.75	\$34.75
Environmental Resource Specialist	75.06	\$75.06
Environmental Resource Specialist	58.00	\$58.00
Environmental Resource Specialist	49.75	\$49.75
Environmental Resource Specialist	30.50	\$30.50
Environmental Resource Technician	42.75	\$42.75
Engineering Intern	19.00	\$19.00

**COST PLUS FIXED FEE  
COST ESTIMATE OF CONSULTANT SERVICES  
PHASE II ENGINEERING**

DF-824-039  
REV 12/04  
05/09/22

**FIRM**  
**Local Agency**  
**Project**  
**Termini**

**Christopher B. Burke Engineering, Ltd.**  
**Oak Park**  
**Madison St Streetscape**  
**Oak Park Ave to East Ave**  
**Supplement No. 3**

**OVERHEAD RATE**  
**COMPLEXITY FACTOR**

**DATE**  
**132.36%**  
**0**

Cost Plus Fixed Fee 1      14.50% [DL+R(DL) +OH(DL)+IHDC]

ITEM	MANHOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENF (C)	IN-HOUSE DIRECT COSTS (D)	FIXED FEE (E)	OUTSIDE DIRECT COSTS (F)	SERVICES BY OTHERS (G)	TOTAL (B-G)	% OF GRAND TOTAL
Task 23 - Modifications Resultant of Developer / Fund	112	6,049.64	8,007.30	750.00	2,147.01	100.00		17,053.95	27.25%
Task 24 - Data Collection and Field Reconnaissance	62	3,109.52	4,115.76		1,047.67			8,272.95	13.22%
Task 25 - Traffic Signal Plans	140	6,898.54	9,130.91		2,324.27	200.00	10,000.00	28,553.72	45.63%
Task 26 - Meetings and Coordination	32	1,498.06	1,982.83		504.73	50.00		4,035.62	6.45%
Task 27 - Project Management and QA/QC	32	1,753.72	2,321.22		590.87			4,665.81	7.46%
<b>TOTALS</b>	<b>378</b>	<b>19,309.48</b>	<b>25,558.03</b>	<b>750.00</b>	<b>6,614.54</b>	<b>350.00</b>	<b>10,000.00</b>	<b>62,582.05</b>	<b>100.00%</b>

Sub-consultants      16.0%  
DC      0.6%  
CBBEL      83.5%

**PREPARED BY THE AGREEMENTS UNIT**

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## AVERAGE HOURLY PROJECT RATES

FIRM  
Local Agency  
Section  
Project  
Job No:

Christopher B. Burke Engineering, Ltd.  
Oak Park  
Madison St Streetscape  
Oak Park Ave to East Ave

DATE 05/09/22

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Task 23 - Modifications Resultant of Developer / Funding Changes			Task 24 - Data Collection and Field Reconnaissance			Task 25 - Traffic Signal Plans			Task 26 - Meetings and Coordination			Task 27 - Project Management and QA/QC		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer VI	77.90	16	4.23%	3.30	4	3.57%	2.78	2	3.23%	2.51	4	2.86%	2.23	2	6.25%	4.87	4	12.50%	9.74
Engineer V	69.77	52	13.76%	9.60	40	35.71%	24.92	4	6.45%	4.50	4	2.86%	1.99				4	12.50%	8.72
Engineer IV	58.58	32	8.47%	4.96							32	22.86%	13.39						
Engineer III	47.01	72	19.05%	8.95	20	17.86%	8.39	8	12.90%	6.07	40	28.57%	13.43				4	12.50%	5.88
Engineer I/II	33.72	78	20.63%	6.96	32	28.57%	9.63	8	12.90%	4.35	30	21.43%	7.23	8	25.00%	8.43			
Survey V	78.00	0																	
Survey IV	72.00	0																	
Survey III	63.00	0																	
#REF!	51.50	0																	
Survey I	38.50	0																	
Engineering Technician V	67.75	0																	
Engineering Technician IV	56.63	20	5.29%	3.00				10	16.13%	9.13	10	7.14%	4.05						
Engineering Technician III	32.88	0																	
CAD Manager	67.17	0																	
CAD Technician II	48.75	92	24.34%	11.87				30	48.39%	23.59	20	14.29%	6.96	22	68.75%	33.52	20	62.50%	30.47
GIS Specialist III	54.00	0																	
Landscape Architect	61.00	0																	
Landscape Designer I/II	34.75	0																	
Environmental Resource Spec	75.06	0																	
Environmental Resource Spec	58.00	16	4.23%	2.46	16	14.29%	8.29												
Environmental Resource Spec	49.75	0																	
Environmental Resource Spec	30.50	0																	
Environmental Resource Tech	42.75	0																	
Engineering Intern	19.00	0																	
		0																	
		0																	
		0																	
		0																	
<b>TOTALS</b>		378	100%	\$51.08	112	100.00%	\$54.01	62	100%	\$50.15	140	100%	\$49.28	32	100%	\$46.81	32	100%	\$54.80