

**AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN  
THE VILLAGE OF OAK PARK AND THOMAS ENGINEERING GROUP LLC  
FOR ENGINEERING SERVICES FOR THE DESIGN OF THE LAKE  
STREET STREETScape, RESURFACING, AND UTILITY IMPROVEMENT  
PROJECTS FOR AN ADDITIONAL \$117,560**

THIS AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT dated August 15, 2016, between the Village of Oak Park, an Illinois home rule municipal corporation, and Thomas Engineering Group LLC, an Illinois limited liability company, is entered into this 9<sup>th</sup> day of January, 2017 (collectively referred to as the "Parties").

**WITNESSETH:**

**WHEREAS**, the Parties entered into a Professional Services Agreement dated August 15, 2016 ("Agreement"); and

**WHEREAS**, the Parties seek to amend Section 2 of the Agreement pursuant to this Amendment to reflect the additional services for providing additional phase I and phase II engineering design work to include the design of improvements to Marion Street between Lake Street and Ontario Street; and

**WHEREAS**, the Parties seek to amend Section 3 of the Agreement pursuant to this Amendment to reflect the additional amount of \$117,560 to the Contract Price for a total amount of \$1,197,560.

**NOW, THEREFORE**, in consideration of the foregoing, and the mutual covenants and agreements contained herein and other good and valuable consideration, the receipt and sufficiency of which is acknowledged by the Parties, the Parties hereto agree as follows:

1. **AMENDMENT TO AGREEMENT.** Section 2 and Section 3 of the Agreement is amended by adding the underlined language and deleting the overstricken language as follows:

Section 2: **Service of the Consultant**

2.2. The Project consists of professional engineering services, as more completely described in the Consultant's "Professional Engineering Services for Design Engineering (Phase I & II ) for the Lake Street Streetscape, Resurfacing, and Utility Projects" dated June 23, 2016 and the Consultant's "Revised Cost Proposal for RFP Solicitation #16-100:Professional Engineering Services for Design Engineering (Phases I & II for the Lake Street Streetscape, resurfacing and Utility project" dated July 18, 2016 and in the Consultant's "Proposal for Professional Engineering Services for Design Engineering (Phase I & II) for including Marion Street from Lake Street to Ontario Street as part of the Lake Street Streetscape Project" dated December 30, 2016, collectively attached hereto ("Services"). After written authorization by the Village, the Consultant

shall provide the Services for the Project. These Services shall include providing Professional Engineering Services for Design Engineering (Phase I & II ) for the Lake Street Streetscape, Resurfacing, and Utility Projects as described in the Scope of Services section of the Project. The Village shall approve the use of subconsultants by the Consultant to perform any of the Services that are the subject of this Agreement.

Section 3: Compensation for Services

3.1. The Village shall compensate the Consultant for the Services in an amount not to exceed ~~\$1,0808,000.00~~ \$1,197,560 ("Contract Price"). The Consultant shall be paid installments not more frequently than once each month ("Progress Payments"). Payments shall be made within thirty (30) days of receipt by the Village of a pay request/invoice from the Consultant. Payments shall be due and owing by the Village in accordance with the terms and provisions of the Local Government Prompt Payment Act, 50 ILCS 505/1 et seq., except as set forth herein.

2. OTHER PROVISIONS OF THE AGREEMENT TO REMAIN IN EFFECT. All other terms and conditions of the Agreement shall remain in full force and effect.

3. EFFECTIVE DATE. This Amendment to the Agreement shall be deemed dated and become effective on the date of its execution by the Village Manager of the Village of Oak Park.

**[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK –  
SIGNATURE PAGE FOLLOWS]**

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their duly authorized representatives on the day and date first written above.

VILLAGE OF OAK PARK

THOMAS ENGINEERING GROUP, LLC.

  
By: Cara Pavlicek  
Its: Village Manager

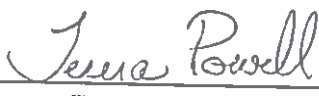
  
By: Thomas E. Gill III  
Its: President

Dated: 1/23, 2017

Dated: 2/8, 2017

ATTEST

ATTEST

  
By: Teresa Powell  
Its: Village Clerk

  
By:   
Its: Dept. Head

Dated: 1/23, 2017

Dated: 2/9/17, 2017

REVIEWED AND APPROVED  
AS TO FORM

  
JAN 18 2017

LAW DEPARTMENT



January 4, 2017

Mr. Bill McKenna, P.E.  
Village Engineer  
Village of Oak Park  
Engineering Division of the Public Works Department  
201 South Boulevard  
Oak Park, Illinois 60302

Re: Proposal for Professional Engineering Services for Design Engineering (Phase I & II) for including Marion Street from Lake Street to Ontario Street as part of the Lake Street Streetscape Project dated December 30, 2016

Dear Mr. McKenna:

Please find attached the Change Order request for inclusion of Marion Street from Lake Street to Ontario Street as part of the Lake Street Improvements (LSI) project. As discussed, this section of Marion Street will be resurfaced and various elements of streetscape, lighting and ADA improvements as discussed in detail within the attached scope of work and fee package.

This package include a written scope of work, a cost estimate for consultant services (CECS), worksheets used for the basis of work-hours as well as documentation for scope of work and costs from our sub-consultants. Overall, the total fee for engineering services totals \$117,559.57.

If you require additional information, please contact Steve Pasinski at 630.430.6392 or via email at [stevep@thomas-engineering.com](mailto:stevep@thomas-engineering.com).

Sincerely,

Thomas E. Gill, III, P.E.  
President

## **Scope of Services**

**Proposal for Professional Engineering Services for Design Engineering  
(Phase I & II) for including Marion Street from Lake Street to Ontario Street as  
part of the Lake Street Streetscape Project**

**December 30, 2016**

## Scope of Services

This document presents the anticipated scope of work and expected effort associated with completion of Phase I and Phase II engineering for an additional length of Marion Street (not originally included in the project) and new scope or additional effort that is supplemental to the RFP and TEG proposal documents. The new Marion Street limits are from north of Lake Street to the Ontario Street Intersection. The scope of work discussed below is in addition to the scope that was previously negotiated and executed in the prime contract. The project team proposed for this work will be led by Thomas Engineering Group, LLC and supported by sub-consultants EJM Engineering (Lighting), WSP-Parsons Brinkerhoff (Public Involvement) and GZA International / Huff and Huff (Environmental-PESA).

### **TASK 1 – DATA COLLECTION AND EVALUATION**

Collection and review of existing plans, ground photos, utilities.

**Task 1 Effort = 10 hrs**

### **TASK 2 – ADDITIONAL SURVEY AND PROPERTY INFORMATION SEARCH**

New survey is required for Marion Street north of the influence of the Lake Street intersection. The topographic survey will extend to the Ontario Street intersection up to the radius returns on the north, west and east approaches. Survey will be provide to the store/building fronts with no steps included. All drainage structures and inverts will be surveyed and opened for pull-downs (28 hrs). Property lines and owners information will be obtained for properties along Marion south of Ontario and those properties within the influence of the ADA improvements at the intersection (12 hrs) information will be performed for all properties along this stretch of Marion Street. Download and check survey completeness (8 hrs). 5 days of vehicle charges are included as a direct costs for this task.

**Task 2 Effort = 48 hrs**

**Direct Cost; 5 days @ \$55/day for vehicle = \$275.00**

### **TASK 3 – ENVIRONMENTAL SURVEY UPDATES & A.P.E. COORDINATION and PESA EXTENSION**

The project team will prepare and submit Environmental Survey Request Form (ESRF) Addendum for submittal to IDOT (20 hrs). IDOT is now requiring TEG to prepare an Area of Potential Effect (APE) which required research of most buildings within the corridor and documenting their historical attributes (48 hrs). A revised ESRF limits package will be submitted to IDOT and coordination with various reviewers to ensure project remains on schedule. TEG will also coordinate PESA survey work to be performed by Huff and Huff (2 hrs).

**Task 3 Effort = 70 hrs**

### **TASK 4 – DATA ANALYSIS**

The Marion Street limits extension will require review of crash data, plotting of accidents and attending the crash study. Access operations, traffic patterns, and pedestrian usage will also be analyzed for incorporation into alternative analysis.

**Task 4 Effort = 16 hrs**

## Scope of Services

### **TASK 5 – LOCATION DRAINAGE STUDY**

Extension of study limits for existing and proposed drainage plans.

**Task 5 Effort = 32 hrs**

### **TASK 6 – PREFERRED ALTERNATIVE**

Develop preliminary geometrics and ADA designs for length of Marion Street study extension. This includes the intersection of Marion and Ontario.

**Task 6 Effort = 48 hrs**

### **TASK 7 – COORDINATION AND MEETINGS**

This task include two meetings with stakeholders along Marion Street and two meetings with Village Manager. Each meeting will be for 1 person @ 4 hrs each.

**Task 7 Effort = 16 hrs**

### **TASK 8 – DRAFT PROJECT REPORT**

Includes additional effort to document elements of study for extension of Marion Street.

**Task 8 Effort = 16 hrs**

### **TASK 9 – FINAL PROJECT REPORT**

Incorporation of comments from Village, stakeholders, IDOT/BLRS and FHWA.

**Task 9 Effort = 8 hrs**

### **TASK 10 –ADVANCE IMPLEMENTATION STUDY WITH DETAILED DURATIONS, CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC ANALYSIS**

This task is supplemental as original scope assumed that the detailed project duration schedules would be developed after a preliminary plan submittal for each of the three individual projects (resurfacing, streetscape, and utilities) were complete. As a result of public outreach and discussions with the Village staff regarding consecutive construction seasons and potential benefits to cost and schedule using full closures on multiple staged segments of Lake Street it has become necessary to advance this work. TEG will be conducting the following duration and construction staging analyses as part of this task.

- Construction Duration for Resurfacing Project
- Construction Duration for Utilities Project
- Construction Duration for Streetscape project with following scenarios
  - Assume Resurfacing for sections non-specialty pavement
  - Assume Reconstruction for sections of non-specialty pavement
  - Consider closures of sections combined (west and east)

## Scope of Services

- Consider closure of west only (staged central and east)
- Various sequencing and combinations of staging alternatives.

**Task 10 Effort = 94 hrs**

### **TASK 11 – PLANS, SPECIFICATIONS, AND ESTIMATES – MARION STREET**

Please reference attached detailed estimates of sheet and non-sheet work. This task sub-total includes QC/QA and Administration.

**Task 11 Effort = 344 hrs**

### **TASK 12 – CRASH ANALYSIS SUPPLEMENTAL WORK**

Crash data supplied by Village of Oak Park was in Police Crash Report format only. Original scope assumed data would be provided in tabular format and negotiated at an amount of 24 hrs. Police reports (count – 593 reports) had to be pre-sorted by within/not-within project limits and tabulated (37 hrs). Crashes (391) were plotted by location and coded by crash type in GIS database for purpose of crash analyses (40 hours).

**Task 12 Effort = 53 hrs**

### **TASK 13 – ADMINISTRATION**

Task will include all project administration including progress reports, task coordination, invoices, and management of sub-consultants for work described above excluding the Phase II plan preparation as Administration and QC/QA is built into that estimate.

**Task 13 Effort = 30 hrs**

### **TASK 14 – QA/QC**

QA/QC reviews will be performed in accordance with QA/QC plan for this project

**Task 14 Effort = 15 hrs**

### **SUB-CONSULTANT COSTS**

Additional work is also required by our sub-consultants as shown below. Please reference attachments to find their specific scope and the estimates of cost.

WSP PB to provide additional public involvement	\$5,349.67
EJM to provide additional lighting design for Marion Street	\$12,928.29
Huff and Huff to extend limits of Preliminary Environmental Survey Assessment	<u>\$943.35</u>
<b>TOTAL</b>	<b>\$19,221.31</b>



**PAYROLL ESCALATION TABLE  
FIXED RAISES**

FIRM NAME Thomas Engineering Group  
PRIME/SUPPLEMENT Prime

DATE 01/04/17  
PTB NO. \_\_\_\_\_

CONTRACT TERM 15 MONTHS  
START DATE 12/15/2016  
RAISE DATE 1/1/2017

OVERHEAD RATE 142.20%  
COMPLEXITY FACTOR 0  
% OF RAISE 3.00%

**ESCALATION PER YEAR**

12/15/2016 - 1/1/2017

1/2/2017 - 1/1/2018

1/2/2018 - 3/1/2018

1  
15

12  
15

2  
15

= 6.67%  
= 1.0321

82.40%

14.15%

**The total escalation for this project would be:**

**3.21%**

## PAYROLL RATES

FIRM NAME  
PRIME/SUPPLEMENT  
PSB NO.

Thomas Engineering Gr DATE  
Prime

01/04/17

ESCALATION FACTOR 3.21%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
Principal	\$88.00	\$70.00
Project Manager/Senior Resident Engineer	\$77.33	\$70.00
Project/Resident Engineer V	\$64.18	\$66.24
Project/Resident Engineer IV	\$57.13	\$58.97
Project/Resident Engineer III	\$49.75	\$51.35
Project/Resident Engineer II	\$37.58	\$38.79
Design/Construction Engineer I	\$26.41	\$27.26
Chief Surveyor	\$46.20	\$47.68
Senior Technician	\$42.50	\$43.87
Technician III	\$34.90	\$36.02
Design/Construction Intern	\$15.00	\$15.48
Business Administration Head	\$51.75	\$53.41
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

DF-824-039  
REV 12/04

DATE 01/04/17

**MBE/WBE 11.00%**

**SHEET**      1    OF    5

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## AVERAGE HOURLY PROJECT RATES

**FIRM**  
**PSB**

**PRIME/SUPPLEMENT**

Thomas Engineering Group

Prime

**DATE** 01/04/17

**SHEET** 2 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	6_Preferred Alternative			7_Coordination and Meetings			8_Draft Project Report			9_Final Project Report			10_Lake Street Staging			11_Marion Phase II (PS&E)		
		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/Senior Resident Engineer	70.00							8	50.00%	35.00	2	25.00%	17.50	2	2.13%	1.49	24	6.98%	4.88
Project/Resident Engineer V	66.24													48	51.06%	33.83	6	1.74%	1.16
Project/Resident Engineer IV	58.97	16	33.33%	19.66	8	50.00%	29.48	8	50.00%	29.48	6	75.00%	44.22	20	21.28%	12.55	98	28.49%	16.80
Project/Resident Engineer III	51.35																0		
Project/Resident Engineer II	38.79																40	11.63%	4.51
Design/Construction Engineer I	27.26	24	50.00%	13.63	8	50.00%	13.63							24	25.53%	6.96	128	37.21%	10.14
Chief Surveyor	47.68																		
Senior Technician	43.87																		
Technician III	36.02	8	16.67%	6.00													32	9.30%	3.35
Design/Construction Intern	15.48																16	4.65%	0.72
Business Administration Head	53.41																		
<b>TOTALS</b>		48	100%	\$39.29	16	100%	\$43.11	16	100%	\$64.48	8	100%	\$61.72	94	100%	\$54.82	344	100%	\$41.56

## AVERAGE HOURLY PROJECT RATES

**FIRM**  
**PSB**

**PRIME/SUPPLEMENT**

Thomas Engineering Group

Prime

**DATE** 01/04/17

**SHEET** 3 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	12_Crash Analysis			13_Administration			14_QC/QA											
		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/Senior Resident Engineer	70.00				30	100.00%	70.00												
Project/Resident Engineer V	66.24																		
Project/Resident Engineer IV	58.97	2	3.77%	2.23				15	100.00%	58.97									
Project/Resident Engineer III	51.35																		
Project/Resident Engineer II	38.79																		
Design/Construction Engineer I	27.26	51	96.23%	26.23															
Chief Surveyor	47.68																		
Senior Technician	43.87																		
Technician III	36.02																		
Design/Construction Intern	15.48																		
Business Administration Head	53.41																		
<b>TOTALS</b>		53	100%	\$28.45	30	100%	\$70.00	15	100%	\$58.97	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00



**December 15, 2016**

**LAKE STREET STREETScape, RESURFACING, AND UTILITIES PROJECT  
VILLAGE OF OAK PARK- COOK COUNTY  
REQUEST FOR PROPOSAL NUMBER 16-100  
PHASE I AND PHASE II ENGINEERING SERVICES**

**Supplement No. 1- Additional Street Lighting Design Services**

**GENERAL SCOPE - PHASE II ENGINEERING SERVICES**

EJM Engineering, Inc. (EJM) is pleased to submit our proposal for supplemental engineering services for the design of ornamental street and pedestrian lighting along Marion Street between Lake Street and Ontario Street. The scope of EJM design services for this project consists of the preparation of final street lighting design plans, special provisions, summary of quantities, and estimate of cost.

**Scope of Services – EJM Engineering, Inc.**

**1. MEETINGS AND COORDINATION- 4 hours**

EJM will attend meetings and conduct coordination to complete the scope of services:

- A. Attend one combined general coordination meeting with the Village of Oak Park- Included in original scope
- B. Coordination with the local Electric Utility Company- 4 hours.

**2. DATA COLLECTION – 10 hours**

EJM will collect and review data to complete the scope of services:

- A. Conduct one (1) field surveys for street lighting work (2 people @ 4 hours each) – 8 hours
- B. Review of existing street lighting plans– 2 hours
- C. Review of design material, specifications and special provisions provided by the Village of Oak Park – Included in original scope

**3. FINAL STREET LIGHTING DESIGN – 90 hours**

EJM will be responsible for the design of permanent street lighting system within the project limits.

- A. Design of the proposed street lighting- 84 hours
  - Final street lighting and decorative sidewalk lighting calculations- 8 hours
  - Temporary street lighting calculations- 4 hours



- Preparation of proposed street and pedestrian lighting plans (1 sheet @ 36 hours)- 36 hours
- Preparation of temporary lighting and removal plans (1 sheet @ 16 hours)- 16 hours
- Voltage Drop Calculations- 4 hours
- Preparation of wiring plans (1 sheet @ 16 hours)- 16 hours
- Preparation of electrical details- Included in original scope

B. Preparation of Special Provisions- 2 hours

C. Preparation of Summary of Quantities- 2 hours

D. Preparation of Estimate of Cost- 2 hours

**4. QA/QC – 4 hours**

**5. ADMINISTRATION – 2 hours**

**General Items**

This scope of services includes the design and development of PS&E's in support of the preparation of one (1) set of construction contract documents following the typical three (3) submittal review process. Breaking up or separating portions of the work into additional construction contracts or including additional submittals is not included in this scope of services.

1. Plan sets and Special Provisions to be prepared in English units.
2. Lighting detail sheets will not be prepared to scale in order to properly illustrate installation details.
3. Proposed permanent lighting designed using current Village of Oak Park Standards.
4. All electrical design will be in accordance with The National Electric Code (NEC), the National Electrical Safety Code (NESC) and any other applicable State or Local Electrical codes.



#NAME?  
PAYROLL ESCALATION TABLE  
FIXED RAISES

FIRM NAME EJM Engineering, Inc.  
PRIME/SUPPLEMENT SUPPLEMENT

DATE 12/18/16  
PROJECT Lake Street Streetscape Project

CONTRACT TERM 12 MONTHS  
START DATE 1/16/2017  
RAISE DATE 7/1/2017

OVERHEAD RATE 133.53%  
COMPLEXITY FACTOR 0  
% OF RAISE 3.00%

ESCALATION PER YEAR

1/16/2017 - 6/30/2017

7/1/2017 - 12/31/2017

6  
12

6  
12

= 50.00%  
= 1.0150

51.50%

The total escalation for this project would be:

1.50%

## PAYROLL RATES

FIRM NAME EJM Engineering, Inc. DATE 12/18/16  
PRIME/SUPPLEMENT SUPPLEMENT  
PROJECT Lake Street Streetscape Project

ESCALATION FACTOR 1.50%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
Principal	\$70.00	\$70.00
Chief Engineer/Project Manager	\$70.00	\$70.00
Senior Engineer	\$55.70	\$56.54
Lead Engineer	\$43.89	\$44.55
Engineer III	\$34.50	\$35.02
Engineer II	\$31.94	\$32.42
Engineer I	\$27.19	\$27.60
CADD Operator	\$31.60	\$32.07
Project Administrator	\$29.67	\$30.12

DF-824-039  
REV 12/04

DATE 12/18/16

OVERHEAD RATE (OH)	133.53%
COMPLEXITY FACTOR (R)	

## SUPPLEMENT

[illegible]

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## AVERAGE HOURLY PROJECT RATES

**FIRM**  
**PROJECT**  
**PRIME/SUPPLEMENT**

EJM Engineering, Inc.  
Lake Street Streetscape Project  
SUPPLEMENT

DATE 12/18/16

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			MEETINGS AND COORDINATIONS			DATA COLLECTION			FINAL STREET LIGHTING DESIGN			QA/QC AND ADMINISTRATION					
		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	2	1.82%	1.27										2	33.33%	23.33			
Chief Engineer/Project Manager	70.00	12	10.91%	7.64	2	50.00%	35.00				8	8.89%	6.22	2	33.33%	23.33			
Senior Engineer	56.54	28	25.45%	14.39	2	50.00%	28.27	2	20.00%	11.31	24	26.67%	15.08						
Lead Engineer	44.55	4	3.64%	1.62							4	4.44%	1.98						
Engineer III	35.02	36	32.73%	11.46				4	40.00%	14.01	32	35.56%	12.45						
Engineer II	32.42	20	18.18%	5.89				4	40.00%	12.97	16	17.78%	5.76						
Engineer I	27.60	4	3.64%	1.00							4	4.44%	1.23						
CADD Operator	32.07	2	1.82%	0.58							2	2.22%	0.71						
Project Administrator	30.12	2	1.82%	0.55										2	33.33%	10.04			
<b>TOTALS</b>		110	100%	\$44.41	4	100.00%	\$63.27	10	100%	\$38.28	90	100%	\$43.43	6	100%	\$56.71			

## **IN-HOUSE DIRECT COSTS**

### **MEETINGS AND COORDINATIONS**

	Unit	Cost per Unit	Total Cost
VEHICLE MILEAGE			\$ -
VEHICLE DAY	0.5	\$ 65.00	\$ 32.50
Overnight Delivery	0	\$ 25.00	\$ -
Copies of Deliverables 81/2" x 11"	0	\$ 0.10	\$ -
Copies of Deliverables 11"x 17"	0	\$ 0.25	\$ -
Copies of Deliverables 81/2" x 11"	0	\$ 0.25	\$ -
Copies of Deliverables 11"x 17" C	0	\$ 1.00	\$ -
Report Binding	0	\$ 3.00	\$ -
<b>MEETINGS AND COORDINATIONS</b>			<b><u>\$ 32.50</u></b>

### **DATA COLLECTION**

	Unit	Cost per Unit	Total Cost
VEHICLE MILEAGE			\$ -
VEHICLE DAY	0.5	\$ 65.00	\$ 32.50
Overnight Delivery	0	\$ 25.00	\$ -
Copies of Deliverables 81/2" x 11"	0	\$ 0.10	\$ -
Copies of Deliverables 11"x 17"	0	\$ 0.25	\$ -
Copies of Deliverables 81/2" x 11"	0	\$ 0.25	\$ -
Copies of Deliverables 11"x 17" C	0	\$ 1.00	\$ -
Report Binding	0	\$ 3.00	\$ -
<b>DATA COLLECTION</b>			<b><u>\$ 32.50</u></b>

### **FINAL STREET LIGHTING DESIGN**

	Unit	Cost per Unit	Total Cost
VEHICLE MILEAGE			\$ -
VEHICLE DAY	0	\$ 65.00	\$ -
Overnight Delivery	0	\$ 25.00	\$ -
Copies of Deliverables 81/2" x 11"	12	\$ 0.10	\$ 1.20
Copies of Deliverables 11"x 17"	12	\$ 0.25	\$ 3.00
Copies of Deliverables 81/2" x 11"	0	\$ 0.25	\$ -
Copies of Deliverables 11"x 17" C	0	\$ 1.00	\$ -
Report Binding	0	\$ 3.00	\$ -
<b>FINAL STREET LIGHTING DESIGN</b>			<b><u>\$ 4.20</u></b>

### **QA/QC AND ADMINISTRATION**



Payroll Escalation Table  
Fixed Raises

FIRM NAME Huff & Huff, Inc.  
PRIME/SUPPLEMENT Thomas Engineering Group, LLC

DATE 12/15/2016  
PTB NO. \_\_\_\_\_

CONTRACT TERM 12 MONTHS  
START DATE 7/1/2016  
RAISE DATE 3/1/2017

OVERHEAD RATE 171.26%  
COMPLEXITY FACTOR 0  
% OF RAISE 3.00%

ESCALATION PER YEAR

7/1/2016 - 3/1/2017
---------------------

8  
12

3/2/2017 - 7/1/2017
---------------------

4  
12

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\_\_\_\_\_

--

\_\_\_\_\_

--

\_\_\_\_\_

= 66.67%  
= 1.0100

34.33%

The total escalation for this project would be:

1.00%



**Illinois Department  
of Transportation**

**Payroll Rates**

FIRM NAME Huff & Huff, Inc.  
PRIME/SUPPLEMENT Thomas Engineering Group, LLC  
PTB NO. \_\_\_\_\_

DATE 12/15/2016

ESCALATION FACTOR 1.00%

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
Principal	\$70.00	\$70.00
Senior Geotechnical Cons.	\$58.08	\$58.66
Senior Consultant	\$57.95	\$58.53
Senior Geologist PM	\$48.62	\$49.11
Geologist PM	\$30.64	\$30.95
Senior Engineering PM	\$46.41	\$46.87
Engineering PM	\$38.32	\$38.70
Assistant PM Engineer II	\$37.08	\$37.45
Assistant PM Engineer I	\$31.66	\$31.98
Engineer 1	\$29.56	\$29.86
Senior Scientist PM	\$40.01	\$40.41
Scientist PM I	\$39.82	\$40.22
Assistant PM Scientist	\$25.51	\$25.77
Senior Technical Scientist	\$34.00	\$34.34
Environmental Scientist E1	\$23.74	\$23.98
Senior Planning PM	\$45.04	\$45.49
Planning PM	\$32.64	\$32.97
Senior Technical Specialist	\$42.88	\$43.31
Senior CADD Specialist	\$31.20	\$31.51
Administrative Managers	\$37.12	\$37.49
Sr. Administrative Assistant	\$25.88	\$26.14
Administrative Assistant	\$21.16	\$21.37
Senior PM II (on call)	\$57.69	\$58.27
Senior PM I (on call)	\$38.89	\$39.28
Engineering Intern	\$18.00	\$18.18
Intern	\$15.50	\$15.66
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

**Cost Estimate of  
Consultant Services  
(CPFF)**

Firm	Huff & Huff, Inc.
Route	Lake Street
Section	North of Lake to Ontario
County	Cook
Job No.	
PTB & Item	

Date 12/15/2016

Overhead Rate 171.26%

Complexity Factor 0

Item	Manhours	Payroll	Overhead & Fringe Benefits	In-House Direct Costs	Fixed Fee	Outside Direct Costs	Services By Others	Total	% of Grand Total
PESA Additional Limits	9	303.73	520.16	0.00	119.46	0.00	0.00	943.35	100.00%
<b>TOTALS</b>	9	303.73	520.16	0.00	119.46	0.00	0.00	943.35	100.00%

Method of Compensation:

- ☒ 14.5%[DL + R(DL) + OH(DL) + IHDC]  
☐ 14.5%[DL + R(DL) + 1.4(DL) + IHDC]  
☐ 14.5%[(2.3 + R)DL + IHDC]  
☐ Specific Rate  
☐ Lump Sum



## Average Hourly Project Rates

<b>Route</b>	Lake Street
<b>Section</b>	North of Lake to Ontario
<b>County</b>	Cook
<b>Job No.</b>	
<b>PTB/Item</b>	

**Consultant**     Huff & Huff, Inc.

**Date**   12/15/2016

**Sheet**   1     **OF**   1

Payroll Classification	Avg Hourly Rates	Total Project Rates			PESA Additional Limits														
		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																	
Senior Geotechnical Cons.	58.66	0																	
Senior Consultant	58.53	0																	
Senior Geologist PM	49.11	0																	
Geologist PM	30.95	0																	
Senior Engineering PM	46.87	0																	
Engineering PM	38.70	0																	
Assistant PM Engineer II	37.45	0																	
Assistant PM Engineer I	31.98	5	55.56%	17.76	5	55.56%	17.76												
Engineer 1	29.86	0																	
Senior Scientist PM	40.41	2	22.22%	8.98	2	22.22%	8.98												
Scientist PM I	40.22	0																	
Assistant PM Scientist	25.77	0																	
Senior Technical Scientist	34.34	0																	
Environmental Scientist E1	23.98	0																	
Senior Planning PM	45.49	0																	
Planning PM	32.97	0																	
Senior Technical Specialist	43.31	0																	
Senior CADD Specialist	31.51	2	22.22%	7.00	2	22.22%	7.00												
Administrative Managers	37.49	0																	
Sr. Administrative Assistant	26.14	0																	
Administrative Assistant	21.37	0																	
Senior PM II (on call)	58.27	0																	
Senior PM I (on call)	39.28	0																	
Engineering Intern	18.18	0																	
Intern	15.66	0																	
		0																	
		0																	
		0																	
		0																	
		0																	
<b>TOTALS</b>		9	100%	\$33.75	9	100%	\$33.75	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

## PAYROLL ESCALATION TABLE FIXED RAISES

FIRM NAME WSP | Parsons Brinckerhoff  
PRIME/SUPPLEMENT Thomas Engineering Group

DATE 12/29/16  
PTB NO. \_\_\_\_\_

CONTRACT TERM 26 MONTHS  
START DATE 12/28/2016  
RAISE DATE 8/1/2017

OVERHEAD RATE 153.38%  
COMPLEXITY FACTOR 0  
% OF RAISE 3.00%

### ESCALATION PER YEAR

12/28/2016 - 1/1/2017

0  
26

= 0.00%  
= 1.0491

1/2/2017 - 1/1/2018

12  
26

47.54%

1/2/2018 - 1/1/2019

12  
26

48.96%

1/2/2019 - 3/1/2019

2  
26

8.41%

The total escalation for this project would be:

4.91%

PAYROLL RATES

FIRM NAME  
PRIME/SUPPLEMENT  
PSB NO.

WSP | Parsons Brincker DATE  
Thomas Engineering Group

ESCALATION FACTOR 0.00%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
Senior Area Manager	\$108.92	\$108.92
Senior Engineering Manager	\$98.85	\$98.85
Senior Supervising Engineer	\$72.49	\$72.49
Supervising Engineer	\$58.64	\$58.64
Lead Engineer	\$48.44	\$48.44
Lead Planner	\$46.12	\$46.12
Sr.Engineer	\$38.68	\$38.68
Assistant Engineer	\$30.30	\$30.30
Sr. Admin Assistant	\$29.22	\$29.22

DF-824-039  
REV 12/04

DATE 12/29/16

**DBE 0.00%**

## AVERAGE HOURLY PROJECT RATES

**FIRM**  
**PSB**  
**PRIME/SUPPLEMENT**

WSP | Parsons Brinckerhoff

**DATE** 12/29/16

**SHEET**                      **1**      **OF**      **5**

PAYROLL  CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			North Marion Street - Stake			Pre-meeting Coordination			2 Strategy Meetings with			Administration (3%)					
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Senior Area Manager	108.92	0						0									0		
Senior Engineering Manager	98.85	0						0						0			0		
Senior Supervising Engineer	72.49	6	20.00%	14.50				6	27.27%	19.77	0			0			0		
Supervising Engineer	58.64	24	80.00%	46.91				16	72.73%	42.65	8	100.00%	58.64	0			0		
Lead Engineer	48.44	0						0			0			0			0		
Lead Planner	46.12	0						0			0			0			0		
Sr.Engineer	38.68	0						0			0			0			0		
Assistant Engineer	30.30	0						0			0			0			0		
Sr. Admin Assistant	29.22	0						0			0			0			0		
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
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TOTALS		30	100%	\$61.41	0	0.00%	\$0.00	22	100%	\$62.42	8	100%	\$58.64	0	0%	\$0.00	0	0%	\$0.00