



City of Oak Park
Design Detailed Cost Breakdown
17-100 Installation of LED Countdown Pedestrian Signals and Traffic Controller Upgrades at
Various Locations

2017 Hourly Rates		Employee Classification				Direct Cost	Hours
Task	Description	E6	E4	E2	T2		
1. Kickoff Meeting							
	Prepare and attend kick-off meeting with Village Staff	2	2			\$ 35.00	4
	Prepare and attend kick-off meeting with IDOT	2	2			\$ 35.00	4
2. Field Review and Data Collection							
	Review wiring diagram, construction plans, and complete streets policy provided by City		8				8
	Field review traffic signals (26 each)			52		\$ 245.00	52
	Prepare complete street checklist (26 each)			13			13
3. Prepare Plans, Specification, and Cost Estimates							
	Cover Sheet, General Notes, Summary of Quantities, and Schedule of Quantities		4		12		16
	Traffic Signal Wiring Plans (26 each)			52	52		104
	Standard Details		2		2		4
	Lump Sum Breakdowns			2			2
	Estimate of Time			2			2
	Quantity Take off and Estimate of Probable Cost		2	8			10
4. Submittal for Review to City and IDOT							
	Pre-Final - Prepare and Submit Plans, Bid Documents, and other documents for review			6			6
	Final - Prepare and Submit Plans, Bid Documents, and other documents for review			6			6
5. Bid Assistance							
	Provide addenda, as necessary		4				4
	Attend bid opening, prepare bid tab, check references, prepare letter of recommendation for low-bidder		6			\$ 70.00	6
6. Design Submittal							
	Prepare and transmit design plans, bid documents, and CAD files				4		4

PAYROLL ESCALATION TABLE
FIXED RAISES
COST PLUS FIXED FEE

FIRM NAME
 PRIME/SUPPLEMENT

Hampton, Lenzini and Renwick, Inc.
Oak Park SRTS LED Installation

DATE 02/22/17
 PTB NO. N/A

CONTRACT TERM
 START DATE
 RAISE DATE

12 MONTHS
1/1/2017
1/1/2018

OVERHEAD RATE
 COMPLEXITY FACTOR
 % OF RAISE

147.00%
0
3.00%

ESCALATION PER YEAR

1/31/2017 - 12/31/2017

12
12

= 100.00%
 = 1.0000

The total escalation for this project would be:

0.00%

PAYROLL RATES

FIRM NAME
PRIME/SUPPLEMENT
PSB NO.

Hampton, Lenzini and R DATE
Oak Park SRTS LED Installation
N/A

02/22/17

ESCALATION FACTOR

0.00%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
PRINCIPAL	\$72.00	\$72.00
ENGINEER 6	\$53.33	\$53.33
ENGINEER 5	\$50.00	\$50.00
ENGINEER 4	\$43.24	\$43.24
ENGINEER 3	\$39.50	\$39.50
ENGINEER 2	\$35.90	\$35.90
ENGINEER 1	\$28.50	\$28.50
STRUCTURAL 2	\$57.33	\$57.33
STRUCTURAL 1	\$43.00	\$43.00
TECHNICIAN 3	\$36.25	\$36.25
TECHNICIAN 2	\$29.28	\$29.28
TECHNICIAN 1	\$22.67	\$22.67
INTERN/TEMPORARY	\$17.00	\$17.00
LAND ACQUISITION	\$39.00	\$39.00
SURVEY 2	\$39.67	\$39.67
SURVEY 1	\$30.67	\$30.67
ENVIRONMENTAL 2	\$40.00	\$40.00
ENVIRONMENTAL 1	\$18.76	\$18.76
ADMINISTRATION 2	\$37.15	\$37.15
ADMINISTRATION 1	\$20.00	\$20.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

Exhibit A - Preliminary Engineering

Route: Oak Park SRTS LED Installation
 Local Agency: Village of Oak Park
 (Municipality/Township/County)
 Section: _____
 Project: _____
 Job No.: _____

***Firm's approved rates on file with IDOT'S Bureau of Accounting and Auditing:**

Overhead Rate (OH)	147.00	%
Complexity Factor (R)	0.00	
Calendar Days	90	

Method of Compensation:

Cost Plus Fixed Fee 1	<input checked="" type="checkbox"/>	14.5%[DL + R(DL) + OH(DL) + IHDC]
Cost Plus Fixed Fee 2	<input type="checkbox"/>	14.5%[DL + R(DL) + 1.4(DL) + IHDC]
Cost Plus Fixed Fee 3	<input type="checkbox"/>	14.5%[(2.3 + R)DL + IHDC]
Specific Rate	<input type="checkbox"/>	
Lump Sum	<input type="checkbox"/>	

Cost Estimate of Consultant's Services in Dollars

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by Others	In-House Direct Costs (IHDC)	Profit	Total
Kick-off Meetings (2)	Average Rate	8.00	\$48.29	\$386.32	\$567.89		\$70.00	\$148.51	\$1,172.72
Field Review/Data Coll.	Average Rate	73.00	\$36.70	\$2,679.10	\$3,938.27		\$245.00	\$995.04	\$7,857.41
Plans/Spec/Cost Est.	Average Rate	138.00	\$33.16	\$4,576.08	\$6,726.83		\$0.00	\$1,638.92	\$12,941.83
Submittals-Village/IDOT	Average Rate	12.00	\$35.90	\$430.80	\$633.27		\$0.00	\$154.29	\$1,218.36
Bid Assistance	Average Rate	10.00	\$43.24	\$432.40	\$635.62		\$70.00	\$165.01	\$1,303.03
Design Submittal	Average Rate	4.00	\$29.28	\$117.12	\$172.16		\$0.00	\$41.94	\$ 331.22
Totals		245.00		\$8,621.82	\$12,674.04		\$ 385.00	\$3,143.71	\$24,824.57

AVERAGE HOURLY PROJECT RATES

FIRM Hampton, Lenzini and Renwick, Inc.
 PSB N/A
 PRIME/SUPPLEMENT Oak Park SRTS LED Installation

DATE 02/22/17

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Project Admin/QA			Kick-off Meetings (2)			Field Review / Data Coll.			Plans, Spec., Cost Es t.			Submittals-Village/IDOT		
		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	72.00	0																	
ENGINEER 6	53.33	4	1.63%	0.87				4	50.00%	26.67									
ENGINEER 5	50.00	0																	
ENGINEER 4	43.24	30	12.24%	5.29				4	50.00%	21.62	8	10.96%	4.74	8	5.80%	2.51			
ENGINEER 3	39.50	0																	
ENGINEER 2	35.90	141	57.55%	20.66							65	89.04%	31.97	64	46.38%	16.65	12	#####	35.90
ENGINEER 1	28.50	0																	
STRUCTURAL 2	57.33	0																	
STRUCTURAL 1	43.00	0																	
TECHNICIAN 3	36.25	0																	
TECHNICIAN 2	29.28	70	28.57%	8.37										66	47.83%	14.00			
TECHNICIAN 1	22.67	0																	
INTERN/TEMPORARY	17.00	0																	
LAND ACQUISITION	39.00	0																	
SURVEY 2	39.67	0																	
SURVEY 1	30.67	0																	
ENVIRONMENTAL 2	40.00	0																	
ENVIRONMENTAL 1	18.76	0																	
ADMINISTRATION 2	37.15	0																	
ADMINISTRATION 1	20.00	0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
TOTALS		245	100%	\$35.19	0	0.00%	\$0.00	8	100%	\$48.29	73	100%	\$36.70	138	100%	\$33.16	12	100%	\$35.90

AVERAGE HOURLY PROJECT RATES

FIRM	<u>Hampton, Lenzini and Renwick, Inc.</u>
PSB	<u>N/A</u>
PRIME/SUPPLEMENT	<u>Oak Park SRTS LED Installation</u>

DATE 02/22/17

SHEET 2 OF 2

PAYROLL	AVG	Bld Assistance			Design Submittal														
CLASSIFICATION	HOURLY RATES	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	72.00																		
ENGINEER 6	53.33																		
ENGINEER 5	50.00																		
ENGINEER 4	43.24	10	100.00%	43.24															
ENGINEER 3	39.50																		
ENGINEER 2	35.90																		
ENGINEER 1	28.50																		
STRUCTURAL 2	57.33																		
STRUCTURAL 1	43.00																		
TECHNICIAN 3	36.25																		
TECHNICIAN 2	29.28				4	100.00%	29.28												
TECHNICIAN 1	22.67																		
INTERN/TEMPORAL	17.00																		
LAND ACQUISITION	39.00																		
SURVEY 2	39.67																		
SURVEY 1	30.67																		
ENVIRONMENTAL 2	40.00																		
ENVIRONMENTAL 1	18.76																		
ADMINISTRATION 2	37.15																		
ADMINISTRATION 1	20.00																		
TOTALS		10	100%	\$43.24	4	100%	\$29.28	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

Exhibit A - Construction Engineering

Route: Oak Park SRTS (Various Routes)
 Local Village of Oak Park
 (Municipality/Township/County)
 Section: _____
 Project: _____
 Job No.: _____

*Firm's **approved rates** on file with
 Bureau of Accounting and Auditing:

Overhead Rate (OH) 147.00 %
 Complexity Factor (R) 0.00
 Calendar Days 28

Cost Plus Fixed Fee Methods of Compensation:

Fixed Fee 1 ☒ 14.5%[DL + R(DL) + OH(DL) + IHDC]
 Fixed Fee 2 ☐ 14.5%[(2.3 + R)DL + IHDC]
 Specific Rate ☐
 Lump Sum ☐

Cost Estimate of Consultant's Services in Dollars

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead (OH*DL)	Services by Others (SBO)	In-House Direct Costs (IHDC)	Fixed Fee (FF)	Total
Project Admin/QA	Average Rate	3.00	\$50.00	\$150.00	\$220.50	\$0.00	\$0.00	\$53.72	\$ 424.22
Pre-Con Meeting	Average Rate	7.00	\$41.94	\$293.58	\$431.56	\$0.00	\$0.00	\$105.14	\$ 830.28
Project Rev./Setup	Average Rate	12.00	\$35.90	\$430.80	\$633.27	\$0.00	\$0.00	\$154.29	\$1,218.36
School Outreach	Average Rate	4.00	\$35.90	\$143.60	\$211.09	\$0.00	\$0.00	\$51.43	\$ 406.12
Notification Letters	Average Rate	8.00	\$35.90	\$287.20	\$422.18	\$0.00	\$0.00	\$102.86	\$ 812.24
Construction Obs.	Average Rate	80.00	\$35.90	\$2,872.00	\$4,221.84	\$0.00	\$0.00	\$1,028.60	\$8,122.44
Doc./Pay Est.	Average Rate	8.00	\$35.90	\$287.20	\$422.18	\$0.00	\$0.00	\$102.86	\$ 812.24
Meetings/Status	Average Rate	4.00	\$35.90	\$143.60	\$211.09	\$0.00	\$0.00	\$51.43	\$ 406.12
Punchlist/Final Ins.	Average Rate	8.00	\$35.90	\$287.20	\$422.18	\$0.00	\$0.00	\$102.86	\$ 812.24
Closeout Submittal	Average Rate	32.00	\$35.90	\$1,148.80	\$1,688.73	\$0.00	\$0.00	\$411.44	\$3,248.97
				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals		166.00		\$6,043.98	\$8,884.62			\$2,164.63	\$17,093.23

AVERAGE HOURLY PROJECT RATES

FIRM	<u>Hampton, Lenzini and Renwick, Inc.</u>
PSB	<u>N/A</u>
PRIME/SUPPLEMENT	<u>Oak Park SRTS LED Installation</u>

DATE 02/22/17

SHEET 1 **OF** 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Project Admin/QA			Pre-Con Meeting			Project Review/Setup			School Outreach			Notification Letters		
		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	72.00	0																	
ENGINEER 6	53.33	0																	
ENGINEER 5	50.00	6	3.61%	1.81	3	100.00%	50.00	3	42.86%	21.43									
ENGINEER 4	43.24	0																	
ENGINEER 3	39.50	0																	
ENGINEER 2	35.90	160	96.39%	34.60				4	57.14%	20.51	12	100.00%	35.90	4	100.00%	35.90	8	#####	35.90
ENGINEER 1	28.50	0																	
STRUCTURAL 2	57.33	0																	
STRUCTURAL 1	43.00	0																	
TECHNICIAN 3	36.25	0																	
TECHNICIAN 2	29.28	0																	
TECHNICIAN 1	22.67	0																	
INTERN/TEMPORARY	17.00	0																	
LAND ACQUISITION	39.00	0																	
SURVEY 2	39.67	0																	
SURVEY 1	30.67	0																	
ENVIRONMENTAL 2	40.00	0																	
ENVIRONMENTAL 1	18.76	0																	
ADMINISTRATION 2	37.15	0																	
ADMINISTRATION 1	20.00	0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
		0																	
TOTALS		166	100%	\$36.41	3	100.00%	\$50.00	7	100%	\$41.94	12	100%	\$35.90	4	100%	\$35.90	8	100%	\$35.90

AVERAGE HOURLY PROJECT RATES

FIRM	<u>Hampton, Lenzini and Renwick, Inc.</u>
PSB	<u>N/A</u>
PRIME/SUPPLEMENT	Oak Park SRTS LED Installation

DATE 02/22/17

SHEET 2 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Construction Observation			Documentation/Pay Est.			Meetings/Weekly Status			Punchlist/Final Ins			Closeout Submittal					
		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	72.00																		
ENGINEER 6	53.33																		
ENGINEER 5	50.00																		
ENGINEER 4	43.24																		
ENGINEER 3	39.50																		
ENGINEER 2	35.90	80	100.00%	35.90	8	100.00%	35.90	4	100.00%	35.90	8	100.00%	35.90	32	100.00%	35.90			
ENGINEER 1	28.50																		
STRUCTURAL 2	57.33																		
STRUCTURAL 1	43.00																		
TECHNICIAN 3	36.25																		
TECHNICIAN 2	29.28																		
TECHNICIAN 1	22.67																		
INTERN/TEMPORARY	17.00																		
LAND ACQUISITION	39.00																		
SURVEY 2	39.67																		
SURVEY 1	30.67																		
ENVIRONMENTAL 2	40.00																		
ENVIRONMENTAL 1	18.76																		
ADMINISTRATION 2	37.15																		
ADMINISTRATION 1	20.00																		
TOTALS		80	100%	\$35.90	8	100%	\$35.90	4	100%	\$35.90	8	100%	\$35.90	32	100%	\$35.90	0	0%	\$0.00