



**PRICE PROPOSAL REPORT -- CURRENT**

<b>Agreement:</b> E00978	<b>Project Specific</b>	<b>Active</b>
<b>Name:</b> Statewide Bridge Inspection Quality Assurance		<b>Selection Process:</b> Modified
		<b>Initiating Org:</b> Bureau of Design

<input type="checkbox"/> <b>Supplement:</b> 1	<b>Normal</b>	<b>Executed</b>
<b>Description:</b> adding new sub and transferring costs		

<b>Mackin Engineering Company - 000003</b>	<b>Qualifications Package</b>
<b>Type:</b> Corporation	<b>DBE Type:</b>

Totals										
Direct Labor	Overhead	Other	Profit	PDA	Escalation	UOW	Cost	Hours	Cost By Others	Grand Total
\$0.00	\$0.00	\$87,543.25	\$0.00	\$0.00	\$0.00	(\$125,088.39)	(\$37,545.14)	0	\$37,545.14	\$0.00

Consultant Proposals						
Firm	Supervising Firm	Status	Cost	Current DBE	Submitted DBE	Commit DBE
Mackin Engineering Company		Submitted	(\$37,545.14)	No	No	No
Specialty Engineering, Inc	Mackin Engineering Company	Submitted	(\$268,827.06)	Yes	Yes	Yes
NTM Engineering, Inc.	Mackin Engineering Company	Submitted	\$306,372.20	Yes	Yes	Yes
			\$0.00	\$37,545.14	\$37,545.14	\$37,545.14

**Part 3 - On System Bridge Inspections & Ratings**

**Method of Payment - Cost Per Unit of Work**

Pre-Determined Amounts (PDA)				
Business Partner	PDA Name	Units	Cost Per Unit	Total Cost
No records found.				

Cost Factors		
Field Overhead Rate	Office Overhead Rate	Profit Factor
130.870%	157.340%	0.000%

Project Team			
First Name	Last Name	Classification	Rate
SHERMAN	BAILEY	SENIOR STRUCTURAL ENGINEER	\$27.50
MAHENDRA	BHALAKIA	Project Manager	\$38.50
EDWARD	BROPHY	Senior Structural Designer	\$31.40
TODD	CARROLL	SR. DESIGNER	\$25.50
JASON	CARVER	STRUCTURAL DESIGNER	\$21.30
BRYAN	DIETRICH	STRUCTURAL ENGINEER	\$26.00
BRYAN	DIETRICH	STRUCTURAL DESIGNER	\$23.10
WILLIAM	HARRIS	CHIEF STRUCTURAL ENGINEER FOR INSPECTION	\$35.00
THOMAS	JOHNSTON	STRUCTURAL DESIGNER	\$22.80
BRADLEY	MILLER	STRUCTURAL DESIGNER	\$23.10
BRADLEY	MILLER	STRUCTURAL ENGINEER	\$26.00
KENNETH	NADLER	Principal	\$59.00
DANIEL	PATTERSON	CHIEF STRUCTURAL ENGINEER OF DESIGN	\$37.50
LORI	PIEDMONTE	Senior Structural Designer	\$28.30
DJHANJI	RATHOD	STRUCTURAL ENGINEER	\$24.00
JEFFREY	RAYKOS	CHIEF STRUCTURAL ENGINEER MECHANICSBURG	\$35.10
THOMAS	RIESTER	Principal	\$62.00
JOHN	SCHARDT	SENIOR STRUCTURAL ENGINEER	\$35.70
RAYMOND	SIEFFERT	SENIOR STRUCTURAL ENGINEER	\$33.00
SCOTT	STOCK	STRUCTURAL ENGINEER	\$26.00

Employees displayed in red have rates that have expired.

Labor Tasks								
Business Partner	Task Name	Hours	Avg Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
<b>Labor Task Totals:</b>		356	\$33.83	\$0.00	\$0.00	\$0.00	\$0.00	\$12,044.78

Other Costs				
Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**UNIT - Category A1 Inspection**

Labor Tasks								
Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost	
1.3 - Category A1 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18	
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18	

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A1 Inspection	28	\$1,377.10	\$38,558.80

**UNIT - Category A2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.4 - Category A2 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A2 Inspection	-6	\$1,377.10	(\$8,262.60)

**UNIT - Category A3 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.5 - Category A3 Inspection	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69
<b>Labor Task Totals:</b>	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Medium Structure	1	\$70.40	\$70.40
<b>Other Cost Total:</b>				\$70.40

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A3 Inspection	-5	\$1,658.09	(\$8,290.45)

#### UNIT - Category A4 Inspection

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.6 - Category A4 - Inspection	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69
<b>Labor Task Totals:</b>	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69

##### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Large Structure	1	\$140.80	\$140.80
<b>Other Cost Total:</b>				\$140.80

##### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A4 Inspection	-9	\$1,728.49	(\$15,556.41)

#### UNIT - Category A5 Inspection

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.7 - Category A5 Inspection	19	\$32.88	\$624.79	\$0.00	\$176.19	\$139.62	\$1,945.01
<b>Labor Task Totals:</b>	19	\$32.88	\$624.79	\$0.00	\$176.19	\$139.62	\$1,945.01

##### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - XLarge Structure	1	\$281.60	\$281.60
<b>Other Cost Total:</b>				\$281.60

##### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A5 Inspection	-6	\$2,226.61	(\$13,359.66)

#### UNIT - Category B1 Inspection

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.8 - Category B1 Inspection	14	\$34.62	\$484.68	\$0.00	\$136.67	\$108.31	\$1,508.84

<b>Labor Task Totals:</b>	14	\$34.62	\$484.68	\$0.00	\$136.67	\$108.31	\$1,508.84
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**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B1 Inspection	5	\$1,555.76	\$7,778.80

**UNIT - Category B2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.9 - Category B2 Inspection	17	\$33.77	\$574.13	\$0.00	\$161.90	\$128.30	\$1,787.30
<b>Labor Task Totals:</b>	17	\$33.77	\$574.13	\$0.00	\$161.90	\$128.30	\$1,787.30

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B2 Inspection	-1	\$1,834.23	(\$1,834.23)

**UNIT - Category B4 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.11 - Category B4 Inspection	24	\$32.15	\$771.63	\$0.00	\$217.59	\$172.43	\$2,402.13
<b>Labor Task Totals:</b>	24	\$32.15	\$771.63	\$0.00	\$217.59	\$172.43	\$2,402.13

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Large Structure	1	\$140.80	\$140.80
<b>Other Cost Total:</b>				\$140.80

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B4 Inspection	-3	\$2,542.92	(\$7,628.76)

**UNIT - Category C1 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.12 - Category C1 Inspection	18	\$33.30	\$599.46	\$0.00	\$169.04	\$133.96	\$1,866.16
<b>Labor Task Totals:</b>	18	\$33.30	\$599.46	\$0.00	\$169.04	\$133.96	\$1,866.16

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C1 Inspection	5	\$1,913.08	\$9,565.40

**UNIT - Category C2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.13 - Category C2 Inspection	25	\$32.15	\$803.69	\$0.00	\$226.64	\$179.60	\$2,501.94
<b>Labor Task Totals:</b>	25	\$32.15	\$803.69	\$0.00	\$226.64	\$179.60	\$2,501.94

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C2 Inspection	3	\$2,548.87	\$7,646.61

**UNIT - Category D1 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
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1.16 - Category D1 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D1 Inspection	4	\$1,377.10	\$5,508.40

**UNIT - Category D2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.17 - Category D2 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D2 Inspection	1	\$1,377.10	\$1,377.10

**UNIT - Category D5 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.20 - Category D5 Inspection	20	\$33.52	\$670.31	\$0.00	\$189.02	\$149.79	\$2,086.72
<b>Labor Task Totals:</b>	20	\$33.52	\$670.31	\$0.00	\$189.02	\$149.79	\$2,086.72

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - XLarge Structure	1	\$281.60	\$281.60
<b>Other Cost Total:</b>				\$281.60

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D5 Inspection	-1	\$2,368.31	(\$2,368.31)

**UNIT - Category A1 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.21 - Category A1 Load Rating Analysis	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37
<b>Labor Task Totals:</b>	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A1 Load Rating Analysis	-20	\$775.35	(\$15,507.00)

**UNIT - Category A2 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.22 - Category A2 Load Rating Analysis	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37
<b>Labor Task Totals:</b>	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A2 Load Rating Analysis	-14	\$775.35	(\$10,854.90)

**UNIT - Category A3 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.23 - Category A3 Load Rating Analysis	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03
<b>Labor Task Totals:</b>	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A3 Load Rating Analysis	-3	\$954.03	(\$2,862.09)

**UNIT - Category A4 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.24 - Category A4 Load Rating Analysis	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03
<b>Labor Task Totals:</b>	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A4 Load Rating Analysis	-19	\$954.03	(\$18,126.57)

**UNIT - Category A5 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.25 - Category A5 Load Rating Analysis	16	\$32.52	\$520.36	\$0.00	\$146.74	\$116.28	\$1,619.91
<b>Labor Task Totals:</b>	16	\$32.52	\$520.36	\$0.00	\$146.74	\$116.28	\$1,619.91

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost

<b>Other Cost Total:</b>	\$0.00
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**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A5 Load Rating Analysis	-8	\$1,619.91	(\$12,959.28)

**UNIT - Category B2 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.27 - Category B2 Load Rating Analysis	13	\$32.40	\$421.24	\$0.00	\$118.78	\$94.13	\$1,311.35
<b>Labor Task Totals:</b>	13	\$32.40	\$421.24	\$0.00	\$118.78	\$94.13	\$1,311.35

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B2 Load Rating Analysis	-3	\$1,311.34	(\$3,934.02)

**UNIT - Category B3 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.28 - Category B3 Load Rating Analysis	13	\$33.15	\$430.91	\$0.00	\$121.51	\$96.29	\$1,341.45
<b>Labor Task Totals:</b>	13	\$33.15	\$430.91	\$0.00	\$121.51	\$96.29	\$1,341.45

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B3 Load Rating Analysis	-1	\$1,341.44	(\$1,341.44)

**UNIT - Category D5 Load Rating Analysis**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.38 - Category D5 Load Rating Analysis	21	\$31.77	\$667.20	\$0.00	\$188.15	\$149.10	\$2,077.04
<b>Labor Task Totals:</b>	21	\$31.77	\$667.20	\$0.00	\$188.15	\$149.10	\$2,077.04

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D5 Load Rating Analysis	-1	\$2,077.04	(\$2,077.04)

**UNIT - A1 Load Rating Analysis -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.57 - Category A1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A1 Load Rating Analysis -subconsultant	0	\$111.24	\$0.00

**UNIT - A2 Load Rating Analysis -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.58 - Category A2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A2 Load Rating Analysis - subconsultant	-2	\$119.84	(\$239.68)

**UNIT - A3 Load Rating Analysis -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.59 - Category A3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A3 Load Rating Analysis - subconsultant	-3	\$119.84	(\$359.52)

**UNIT - A4 Load Rating Analysis -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.60 - Category A4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A4 Load Rating Analysis - subconsultant	-2	\$119.84	(\$239.68)

#### UNIT - A5 Load Rating Analysis -subconsultant

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.61 - Category A5 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

##### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A5 Load Rating Analysis - subconsultant	-2	\$119.84	(\$239.68)

#### UNIT - B1 Load Rating Analysis -subconsultant

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.62 - Category B1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

##### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B1 Load Rating Analysis - subconsultant	4	\$119.84	\$479.36

#### UNIT - B2 Load Rating Analysis -subconsultant

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.63 - Category B2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B2 Load Rating Analysis - subconsultant	1	\$119.84	\$119.84

**UNIT - B3 Load Rating Analysis -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.64 - Category B3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B3 Load Rating Analysis - subconsultant	0	\$111.24	\$0.00

**UNIT - B4 Load Rating Analysis -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.65 - Category B4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B4 Load Rating Analysis - subconsultant	0	\$111.24	\$0.00

**UNIT - C1 Load Rating Analysis -subconsultant**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.66 - Category C1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	C1 Load Rating Analysis - subconsultant	1	\$119.84	\$119.84

**UNIT - C2 Load Rating Analysis -subconsultant**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.67 - Category C2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost

Mackin Engineering Company	C2 Load Rating Analysis - subconsultant	0	\$111.24	\$0.00
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### UNIT - D1 Load Rating Analysis -subconsultant

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.70 - Category D1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D1 Load Rating Analysis - subconsultant	1	\$119.84	\$119.84

### UNIT - D2 Load Rating Analysis -subconsultant

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.71 - Category D2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D2 Load Rating Analysis - subconsultant	0	\$111.24	\$0.00

### UNIT - A1 Inspection -subconsultant

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
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1.39 - Category A1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A1 Inspection -subconsultant	15	\$119.84	\$1,797.60

**UNIT - A2 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.40 - Category A2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A2 Inspection -subconsultant	0	\$111.24	\$0.00

**UNIT - A3 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.41 - Category A3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A3 Inspection -subconsultant	0	\$111.24	\$0.00

**UNIT - A4 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.42 - Category A4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A4 Inspection -subconsultant	-2	\$119.84	(\$239.68)

**UNIT - A5 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.43 - Category A5 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	A5 Inspection -subconsultant	-4	\$119.84	(\$479.36)

**UNIT - B1 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.44 - Category B1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B1 Inspection -subconsultant	6	\$119.84	\$719.04

**UNIT - B2 Inspection -subconsultant**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.45 - Category B2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B2 Inspection -subconsultant	0	\$111.24	\$0.00

**UNIT - B3 Inspection -subconsultant**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.46 - Category B3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost

<b>Other Cost Total:</b>	\$0.00
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**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B3 Inspection -subconsultant	-1	\$119.84	(\$119.84)

**UNIT - B4 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.47 - Category B4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B4 Inspection -subconsultant	-1	\$119.84	(\$119.84)

**UNIT - C1 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.48 - Category C1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	C1 Inspection -subconsultant	2	\$119.84	\$239.68

**UNIT - C2 Inspection -subconsultant**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.49 - Category C2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	C2 Inspection -subconsultant	2	\$119.84	\$239.68

**UNIT - D1 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.52 - Category D1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D1 Inspection -subconsultant	1	\$119.84	\$119.84

**UNIT - D2 Inspection -subconsultant****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.53 - Category D2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D2 Inspection -subconsultant	0	\$111.24	\$0.00

**UNIT - Category B4 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.29 - Category B4 Load Rating Analysis	20	\$31.76	\$635.14	\$0.00	\$179.10	\$141.93	\$1,977.23
<b>Labor Task Totals:</b>	20	\$31.76	\$635.14	\$0.00	\$179.10	\$141.93	\$1,977.23

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B4 Load Rating Analysis	-4	\$1,977.22	(\$7,908.88)

**Non-Unit Related Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Black and White Copies	74,810	\$0.09	\$6,732.90
Mackin Engineering Company	Color Xerox	23,230	\$0.39	\$9,059.70
Mackin Engineering Company	Scanning for PDF's	85,440	\$0.35	\$29,904.00
Mackin Engineering Company	Travel expenses - Sm Structure	1	\$46.93	\$46.93
NTM Engineering, Inc.	Color Xerox	1,920	\$0.75	\$1,440.00
NTM Engineering, Inc.	Lodging	24	\$79.00	\$1,896.00
NTM Engineering, Inc.	Mileage	4,440	\$0.55	\$2,442.00
NTM Engineering, Inc.	Per Diem	36	\$36.00	\$1,296.00
NTM Engineering, Inc.	Reproduction	3,000	\$0.07	\$210.00
NTM Engineering, Inc.	UPS	6	\$30.00	\$180.00
<b>Non-Unit Related Other Cost Total:</b>				\$53,207.53

**Part 3 Total:**

Business Partner	PDA Total	CPU Total	Non-Unit OC Total	Part Total
Mackin Engineering Company	\$0.00	\$(60,519.09)	\$45,743.53	\$(14,775.56)
NTM Engineering, Inc.	\$0.00	\$158,377.71	\$7,464.00	\$165,841.71
Specialty Engineering, Inc	\$0.00	\$(123,214.41)	\$0.00	\$(123,214.41)
<b>Part Total:</b>	\$ 0.00	\$ -25,355.79	\$ 53,207.53	\$ 27,851.74

#### Part 4 - Off System Bridge Inspections & Ratings

#### Method of Payment - Cost Per Unit of Work

#### Pre-Determined Amounts (PDA)

Business Partner	PDA Name	Units	Cost Per Unit	Total Cost
No records found.				

#### Cost Factors

Field Overhead Rate	Office Overhead Rate	Profit Factor
130.870%	157.340%	0.000%

#### Project Team

First Name	Last Name	Classification	Rate
SHERMAN	BAILEY	SENIOR STRUCTURAL ENGINEER	\$27.50
MAHENDRA	BHALAKIA	Project Manager	\$38.50
EDWARD	BROPHY	Senior Structural Designer	\$31.40
TODD	CARROLL	SR. DESIGNER	\$25.50
JASON	CARVER	STRUCTURAL DESIGNER	\$21.30
BRYAN	DIETRICH	STRUCTURAL ENGINEER	\$26.00
BRYAN	DIETRICH	STRUCTURAL DESIGNER	\$23.10
WILLIAM	HARRIS	CHIEF STRUCTURAL ENGINEER FOR INSPECTION	\$35.00
THOMAS	JOHNSTON	STRUCTURAL DESIGNER	\$22.80
BRADLEY	MILLER	STRUCTURAL DESIGNER	\$23.10
BRADLEY	MILLER	STRUCTURAL ENGINEER	\$26.00
KENNETH	NADLER	Principal	\$59.00
DANIEL	PATTERSON	CHIEF STRUCTURAL ENGINEER OF DESIGN	\$37.50
LORI	PIEDMONTE	Senior Structural Designer	\$28.30
DJHANJI	RATHOD	STRUCTURAL ENGINEER	\$24.00
JEFFREY	RAYKOS	CHIEF STRUCTURAL ENGINEER MECHANICSBURG	\$35.10
THOMAS	RIESTER	Principal	\$62.00
JOHN	SCHARDT	SENIOR STRUCTURAL ENGINEER	\$35.70
RAYMOND	SIEFFERT	SENIOR STRUCTURAL ENGINEER	\$33.00
SCOTT	STOCK	STRUCTURAL ENGINEER	\$26.00

Employees displayed in red have rates that have expired.

### Labor Tasks

Business Partner	Task Name	Hours	Avg Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
<b>Labor Task Totals:</b>		356	\$33.83	\$0.00	\$0.00	\$0.00	\$0.00	\$12,044.78

### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

### UNIT - Category A1 Inspection

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.3 - Category A1 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Sm. Structure	0	\$0.00	\$0.00
Mackin Engineering Company	Travel Expense - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A1 Inspection	28	\$1,377.10	\$38,558.80

### UNIT - Category A2 Inspection

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.4 - Category A2 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A2 Inspection	-6	\$1,377.10	(\$8,262.60)

**UNIT - Category A3 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.5 - Category A3 Inspection	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69
<b>Labor Task Totals:</b>	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Medium Structure	1	\$70.40	\$70.40
<b>Other Cost Total:</b>				\$70.40

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A3 Inspection	-5	\$1,658.09	(\$8,290.45)

**UNIT - Category A4 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.6 - Category A4 Inspection	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69
<b>Labor Task Totals:</b>	15	\$34.00	\$510.01	\$0.00	\$143.82	\$113.97	\$1,587.69

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Large Structure	1	\$140.80	\$140.80
<b>Other Cost Total:</b>				\$140.80

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category A4 Inspection	-9	\$1,728.49	(\$15,556.41)

**UNIT - Cat A5 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.7 - Category A5 Inspection	19	\$32.88	\$624.79	\$0.00	\$176.19	\$139.62	\$1,945.01
<b>Labor Task Totals:</b>	19	\$32.88	\$624.79	\$0.00	\$176.19	\$139.62	\$1,945.01

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - XLarge Structure	1	\$281.60	\$281.60
<b>Other Cost Total:</b>				\$281.60

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A5 Inspection	-6	\$2,226.61	(\$13,359.66)

**UNIT - Cat B1 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.8 - Category B1 Inspection	14	\$34.62	\$484.68	\$0.00	\$136.67	\$108.31	\$1,508.84
<b>Labor Task Totals:</b>	14	\$34.62	\$484.68	\$0.00	\$136.67	\$108.31	\$1,508.84

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Sm. Structure	0	\$0.00	\$0.00
Mackin Engineering Company	Travel Expense - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B1 Inspection	5	\$1,555.76	\$7,778.80

**UNIT - Cat B2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.9 - Category B2 Inspection	17	\$33.77	\$574.13	\$0.00	\$161.90	\$128.30	\$1,787.30
<b>Labor Task Totals:</b>	17	\$33.77	\$574.13	\$0.00	\$161.90	\$128.30	\$1,787.30

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost

Mackin Engineering Company	Travel Expense - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B2 Inspection	-2	\$1,834.23	(\$3,668.46)

**UNIT - Cat B4 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.11 - Category B4 Inspection	24	\$32.15	\$771.63	\$0.00	\$217.59	\$172.43	\$2,402.13
<b>Labor Task Totals:</b>	24	\$32.15	\$771.63	\$0.00	\$217.59	\$172.43	\$2,402.13

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Large Structure	1	\$140.80	\$140.80
<b>Other Cost Total:</b>				\$140.80

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B4 Inspection	-3	\$2,542.92	(\$7,628.76)

**UNIT - Cat C1 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.12 - Category C1 Inspection	18	\$33.30	\$599.46	\$0.00	\$169.04	\$133.96	\$1,866.16
<b>Labor Task Totals:</b>	18	\$33.30	\$599.46	\$0.00	\$169.04	\$133.96	\$1,866.16

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Sm. Structure	0	\$0.00	\$0.00
Mackin Engineering Company	Travel Expense - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C1 Inspection	5	\$1,913.08	\$9,565.40

**UNIT - Cat C2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.13 - Category C2 Inspection	25	\$32.15	\$803.69	\$0.00	\$226.64	\$179.60	\$2,501.94
<b>Labor Task Totals:</b>	25	\$32.15	\$803.69	\$0.00	\$226.64	\$179.60	\$2,501.94

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Sm Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C2 Inspection	3	\$2,548.87	\$7,646.61

**UNIT - Cat D1 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.16 - Category D1 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Sm. Structure	0	\$0.00	\$0.00
Mackin Engineering Company	Travel Expense - Small Structure	1	\$46.93	\$46.93
<b>Other Cost Total:</b>				\$46.93

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D1 Inspection	4	\$1,377.10	\$5,508.40

**UNIT - Cat D2 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.17 - Category D2 Inspection	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18
<b>Labor Task Totals:</b>	12	\$35.61	\$427.29	\$0.00	\$120.49	\$95.48	\$1,330.18

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D2 Inspection	0	\$1,234.69	\$0.00

**UNIT - Cat D5 Inspection****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.20 - Category D5 Inspection	20	\$33.52	\$670.31	\$0.00	\$189.02	\$149.79	\$2,086.72
<b>Labor Task Totals:</b>	20	\$33.52	\$670.31	\$0.00	\$189.02	\$149.79	\$2,086.72

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - XLarge Structure	1	\$281.60	\$281.60
<b>Other Cost Total:</b>				\$281.60

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D5 Inspection	-1	\$2,368.31	(\$2,368.31)

**UNIT - Cat A1 Load Rating Analysis****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.21 - Category A1 Load Rating Analysis	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37
<b>Labor Task Totals:</b>	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
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Mackin Engineering Company	Cat A1 Load Rating Analysis	-20	\$775.35	(\$15,507.00)
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### UNIT - Cat A2 LRA

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.22 - Category A2 Load Rating Analysis	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37
<b>Labor Task Totals:</b>	7	\$35.58	\$249.07	\$0.00	\$70.23	\$55.66	\$775.37

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A2 LRA	-14	\$775.35	(\$10,854.90)

### UNIT - Cat A3 LRA

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.23 - Category A3 Load Rating Analysis	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03
<b>Labor Task Totals:</b>	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A3 LRA	-3	\$954.03	(\$2,862.09)

### UNIT - Cat A4 LRA

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.24 - Category A4 Load Rating Analysis	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03
	9	\$34.05	\$306.46	\$0.00	\$86.42	\$68.48	\$954.03

<b>Labor Task Totals:</b>							
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**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A4 LRA	-19	\$954.03	(\$18,126.57)

**UNIT - Cat A5 LRA**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.25 - Category A5 Load Rating Analysis	16	\$32.52	\$520.36	\$0.00	\$146.74	\$116.28	\$1,619.91
<b>Labor Task Totals:</b>	16	\$32.52	\$520.36	\$0.00	\$146.74	\$116.28	\$1,619.91

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A5 LRA	-8	\$1,619.91	(\$12,959.28)

**UNIT - Cat B2 LRA**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.27 - Category B2 Load Rating Analysis	13	\$32.40	\$421.24	\$0.00	\$118.78	\$94.13	\$1,311.35
<b>Labor Task Totals:</b>	13	\$32.40	\$421.24	\$0.00	\$118.78	\$94.13	\$1,311.35

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B2 LRA	-3	\$1,311.34	(\$3,934.02)

#### UNIT - Cat B3 LRA

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.28 - Category B3 Load Rating Analysis	13	\$33.15	\$430.91	\$0.00	\$121.51	\$96.29	\$1,341.45
<b>Labor Task Totals:</b>	13	\$33.15	\$430.91	\$0.00	\$121.51	\$96.29	\$1,341.45

##### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B3 LRA	-1	\$1,341.44	(\$1,341.44)

#### UNIT - Cat B4 LRA

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.29 - Category B4 Load Rating Analysis	20	\$31.76	\$635.14	\$0.00	\$179.10	\$141.93	\$1,977.23
<b>Labor Task Totals:</b>	20	\$31.76	\$635.14	\$0.00	\$179.10	\$141.93	\$1,977.23

##### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B4 LRA	-4	\$1,977.22	(\$7,908.88)

#### UNIT - Cat D5 LRA

##### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.38 - Category D5 Load Rating	21	\$31.77	\$667.20	\$0.00	\$188.15	\$149.10	\$2,077.04

Analysis							
<b>Labor Task Totals:</b>	21	\$31.77	\$667.20	\$0.00	\$188.15	\$149.10	\$2,077.04

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D5 LRA	-1	\$2,077.04	(\$2,077.04)

**UNIT - Cat A1 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.39 - Category A1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A1 Insp. -sub	15	\$119.84	\$1,797.60

**UNIT - Cat A2 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.40 - Category A2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A2 Insp. -sub	0	\$111.24	\$0.00

**UNIT - Cat A3 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.41 - Category A3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A3 Insp. -sub	0	\$111.24	\$0.00

**UNIT - Cat A4 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.42 - Category A4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A4 Insp. -sub	-2	\$119.84	(\$239.68)

**UNIT - Cat A5 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost

1.43 - Category A5 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A5 Insp. -sub	-4	\$119.84	(\$479.36)

**UNIT - Cat B1 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.44 - Category B1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B1 Insp. -sub	6	\$119.84	\$719.04

**UNIT - Cat B2 Insp. -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.45 - Category B2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B2 Insp. -sub	-1	\$119.84	(\$119.84)

**UNIT - Cat B3 Insp. -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.46 - Category B3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B3 Insp. -sub	-1	\$119.84	(\$119.84)

**UNIT - Cat B4 Insp. -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.47 - Category B4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B4 Insp. -sub	-1	\$119.84	(\$119.84)

**UNIT - Cat C1 Insp. -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.48 - Category C1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C1 Insp. -sub	1	\$119.84	\$119.84

**UNIT - Cat C2 Insp. -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.49 - Category C2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C2 Insp. -sub	1	\$119.84	\$119.84

**UNIT - Cat D1 Insp. -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.52 - Category D1 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost

<b>Other Cost Total:</b>	\$0.00
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**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D1 Insp. -sub	1	\$119.84	\$119.84

**UNIT - Cat D2 Insp. -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.53 - Category D2 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D2 Insp. -sub	0	\$111.24	\$0.00

**UNIT - Cat A1 Load Rating Analysis -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.57 - Category A1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A1 Load Rating Analysis -sub	0	\$111.24	\$0.00

**UNIT - Cat A2 LRA -sub**

**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.58 - Category A2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A2 LRA -sub	-3	\$119.84	(\$359.52)

**UNIT - Cat A3 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.59 - Category A3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A3 LRA -sub	-4	\$119.84	(\$479.36)

**UNIT - Cat A4 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.60 - Category A4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A4 LRA -sub	-2	\$119.84	(\$239.68)

**UNIT - Cat A5 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.61 - Category A5 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat A5 LRA -sub	-2	\$119.84	(\$239.68)

**UNIT - Cat B1 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.62 - Category B1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B1 LRA -sub	4	\$119.84	\$479.36

**UNIT - Cat B2 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.63 - Category B2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B2 LRA -sub	0	\$111.24	\$0.00

**UNIT - Cat B3 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.64 - Category B3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B3 LRA -sub	0	\$111.24	\$0.00

**UNIT - Cat B4 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.65 - Category B4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B4 LRA -sub	0	\$111.24	\$0.00

**UNIT - Cat C1 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.66 - Category C1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C1 LRA -sub	1	\$119.84	\$119.84

**UNIT - Cat C2 LRA -sub****Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.67 - Category C2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

**Other Costs**

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

**Unit of Work Total**

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
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Mackin Engineering Company	Cat C2 LRA -sub	0	\$111.24	\$0.00
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### UNIT - Cat D1 LRA -sub

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.70 - Category D1 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D1 LRA -sub	0	\$111.24	\$0.00

### UNIT - Cat D2 LRA -sub

#### Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.71 - Category D2 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
<b>Labor Task Totals:</b>	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

#### Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
<b>Other Cost Total:</b>				\$0.00

#### Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D2 LRA -sub	0	\$111.24	\$0.00

### Non-Unit Related Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Adjustment	1	(\$0.07)	(\$0.07)
Mackin Engineering Company	Black and White Copies	74,811	\$0.09	\$6,732.99
Mackin Engineering Company	Color Xerox	23,230	\$0.39	\$9,059.70
Mackin Engineering Company	Scanning for PDF's	74,306	\$0.35	\$26,007.10

NTM Engineering, Inc.	Color Reproductions	1,920	\$0.75	\$1,440.00
NTM Engineering, Inc.	Lodging	24	\$79.00	\$1,896.00
NTM Engineering, Inc.	Mileage	4,440	\$0.55	\$2,442.00
NTM Engineering, Inc.	Per Diem	36	\$36.00	\$1,296.00
NTM Engineering, Inc.	Reproduction	3,000	\$0.07	\$210.00
NTM Engineering, Inc.	UPS	6	\$30.00	\$180.00
<b>Non-Unit Related Other Cost Total:</b>				\$49,263.72

<b>Part 4 Total:</b>				
<b>Business Partner</b>	<b>PDA Total</b>	<b>CPU Total</b>	<b>Non-Unit OC Total</b>	<b>Part Total</b>
Mackin Engineering Company	\$0.00	\$(64,569.30)	\$41,799.72	\$(22,769.58)
NTM Engineering, Inc.	\$0.00	\$133,066.49	\$7,464.00	\$140,530.49
Specialty Engineering, Inc	\$0.00	\$(145,612.65)	\$0.00	\$(145,612.65)
<b>Part Total:</b>	\$ 0.00	\$ -77,115.46	\$ 49,263.72	\$ -27,851.74

<b>Estimate Total:</b>				
<b>Business Partner</b>	<b>PDA Total</b>	<b>CPU Total</b>	<b>Non-Unit OC Total</b>	<b>Estimate Total</b>
Mackin Engineering Company	\$0.00	\$(125,088.39)	\$87,543.25	\$(37,545.14)
NTM Engineering, Inc.	\$0.00	\$291,444.20	\$14,928.00	\$306,372.20
Specialty Engineering, Inc	\$0.00	\$(268,827.06)	\$0.00	\$(268,827.06)
<b>Estimate Total:</b>	\$0.00	\$(102,471.25)	\$102,471.25	\$0.00

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