



PRICE PROPOSAL REPORT -- CURRENT

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

Mackin Engineering Company - 000003	Qualifications Package
Type: Corporation	DBE Type:

Totals										
Direct Labor	Overhead	Other	Profit	PDA	Escalation	UOW	Cost	Hours	Cost By Others	Grand Total
\$14,436.00	\$23,207.31	\$636.00	\$4,070.95	\$77,950.00	\$3,203.44	\$4,346,276.06	\$4,469,779.76	500	\$952,966.36	\$5,422,746.12

Consultant Proposals						
Firm	Supervising Firm	Status	Cost	Current DBE	Submitted DBE	Commit DBE
Mackin Engineering Company		Submitted	\$4,469,779.76	No	No	No
Specialty Engineering, Inc	Mackin Engineering Company	Submitted	\$952,966.36	Yes	Yes	Yes
			\$5,422,746.12	\$952,966.36	\$952,966.36	\$952,966.36

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
Mackin Engineering Company	Mileage-Private Vehicle	25,000	\$0.45	\$11,250.00
Mackin Engineering Company	Nonprofessional Services	1	\$25,000.00	\$25,000.00
Pre-Determined Amount Total:				\$36,250.00

Cost Factors		
Field Overhead Rate	Office Overhead Rate	Profit Factor
128.780%	160.760%	28.200%

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.

Other Costs				
Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

UNIT - District Office File Review On System							
Labor Tasks							
Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.1 - District Office File Review	98	\$32.44	\$3,179.56	\$0.00	\$896.63	\$710.54	\$9,898.19
Labor Task Totals:	98	\$32.44	\$3,179.56	\$0.00	\$896.63	\$710.54	\$9,898.19

Other Costs				
Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Dist. File Review	1	\$704.00	\$704.00
Other Cost Total:				\$704.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	District Office File Review On System	22	\$10,602.19	\$233,248.18

UNIT - Turnpike Office File Review On System**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.2 - Turnpike Office File Review	52	\$32.62	\$1,696.44	\$0.00	\$478.39	\$379.10	\$5,281.13
Labor Task Totals:	52	\$32.62	\$1,696.44	\$0.00	\$478.39	\$379.10	\$5,281.13

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - TPC File Review	1	\$297.80	\$297.80
Other Cost Total:				\$297.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Turnpike Office File Review On System	2	\$5,578.93	\$11,157.86

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
Labor Task Totals:	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
Other Cost Total:				\$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	280	\$1,377.11	\$385,590.80

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
Labor Task Totals:	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
Other Cost Total:				\$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	65	\$1,377.11	\$89,512.15

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
Labor Task Totals:	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
Other Cost Total:				\$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	50	\$1,658.09	\$82,904.50

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
Labor Task Totals:	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
Other Cost Total:				\$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	16	\$1,728.49	\$27,655.84

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
Labor Task Totals:	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
Other Cost Total:				\$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
Labor Task Totals:	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 expenses - Small Structure	1	\$46.93	\$46.93
Other Cost Total:				\$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	6	\$1,555.77	\$9,334.62

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
Labor Task Totals:	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
Other Cost Total:				\$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	6	\$1,834.23	\$11,005.38

UNIT - Category B3 Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.10 - Category B3 Inspection	17	\$33.38	\$567.40	\$0.00	\$160.00	\$126.79	\$1,766.35
Labor Task Totals:	17	\$33.38	\$567.40	\$0.00	\$160.00	\$126.79	\$1,766.35

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
Other Cost Total:				\$70.40

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B3 Inspection	3	\$1,836.75	\$5,510.25

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$2,542.93	\$7,628.79

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
Labor Task Totals:	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
Other Cost Total:				\$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	9	\$1,913.09	\$17,217.81

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
Labor Task Totals:	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
Other Cost Total:				\$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 C3 Inspection

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.14 - Category C3 Inspection	25	\$32.15	\$803.69	\$0.00	\$226.64	\$179.60	\$2,501.94
Labor Task Totals:	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 - Medium Structure	1	\$70.40	\$70.40
Other Cost Total:				\$70.40

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C3 Inspection	1	\$2,572.34	\$2,572.34

UNIT - Category C4 Inspection

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.15 - Category C4 Inspection	31	\$31.48	\$975.86	\$0.00	\$275.19	\$218.07	\$3,037.92
Labor Task Totals:	31	\$31.48	\$975.86	\$0.00	\$275.19	\$218.07	\$3,037.92

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
Other Cost Total:				\$140.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C4 Inspection	1	\$3,178.72	\$3,178.72

UNIT - Category 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
Labor Task Totals:	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
Other Cost Total:				\$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	3	\$1,377.11	\$4,131.33

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$1,377.11	\$1,377.11

UNIT - Category D3 Inspection

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.18 - Category D3 Inspection	14	\$34.62	\$484.68	\$0.00	\$136.67	\$108.31	\$1,508.84
Labor Task Totals:	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 expenses - Medium Structure	1	\$70.40	\$70.40

Other Cost Total:	\$70.40
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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 D3 Inspection	1	\$1,579.24	\$1,579.24

UNIT - Category D4 Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.19 - Category D4 Inspection	15	\$34.45	\$516.74	\$0.00	\$145.72	\$115.47	\$1,608.64
Labor Task Totals:	15	\$34.45	\$516.74	\$0.00	\$145.72	\$115.47	\$1,608.64

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
Other Cost Total:				\$140.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D4 Inspection	1	\$1,749.44	\$1,749.44

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$2,368.32	\$2,368.32

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
Labor Task Totals:	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
Other Cost Total:				\$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	204	\$775.37	\$158,175.48

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
Labor Task Totals:	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
Other Cost Total:				\$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	54	\$775.37	\$41,869.98

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
Labor Task Totals:	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
Other Cost Total:				\$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	35	\$954.03	\$33,391.05

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
Labor Task Totals:	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
Other Cost Total:				\$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	20	\$954.03	\$19,080.60

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
Labor Task Totals:	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
Other Cost Total:				\$0.00

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 B1 Load Rating Analysis**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.26 - Category B1 Load Rating Analysis	9	\$33.30	\$299.73	\$0.00	\$84.52	\$66.98	\$933.08
Labor Task Totals:	9	\$33.30	\$299.73	\$0.00	\$84.52	\$66.98	\$933.08

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category B1 Load Rating Analysis	8	\$933.08	\$7,464.64

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
Labor Task Totals:	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
Other Cost Total:				\$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	8	\$1,311.35	\$10,490.80

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$1,341.45	\$5,365.80

UNIT - Category C2 Load Rating Analysis**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.31 - Category C2 Load Rating Analysis	30	\$31.19	\$935.55	\$0.00	\$263.82	\$209.06	\$2,912.43
Labor Task Totals:	30	\$31.19	\$935.55	\$0.00	\$263.82	\$209.06	\$2,912.43

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C2 Load Rating Analysis	3	\$2,912.43	\$8,737.29

UNIT - Category C3 Load Rating Analysis**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.32 - Category C3 Load Rating Analysis	30	\$31.41	\$942.28	\$0.00	\$265.72	\$210.57	\$2,933.38
Labor Task Totals:	30	\$31.41	\$942.28	\$0.00	\$265.72	\$210.57	\$2,933.38

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	Category C3 Load Rating Analysis	1	\$2,933.38	\$2,933.38
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UNIT - Category C4 Load Rating Analysis

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.33 - Category C4 Load Rating Analysis	42	\$30.79	\$1,293.35	\$0.00	\$364.72	\$289.02	\$4,026.29
Labor Task Totals:	42	\$30.79	\$1,293.35	\$0.00	\$364.72	\$289.02	\$4,026.29

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C4 Load Rating Analysis	1	\$4,026.29	\$4,026.29

UNIT - Category D1 Load Rating Analysis

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.34 - Category D1 Load Rating Analysis	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22
Labor Task Totals:	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D1 Load Rating Analysis	3	\$854.22	\$2,562.66

UNIT - Category D2 Load Rating Analysis

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.35 - Category D2 Load Rating Analysis	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22
	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22

Labor Task Totals:							
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D2 Load Rating Analysis	1	\$854.22	\$854.22

UNIT - Category D3 Load Rating Analysis

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.36 - Category D3 Load Rating Analysis	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83
Labor Task Totals:	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D3 Load Rating Analysis	1	\$1,053.83	\$1,053.83

UNIT - Category D4 Load Rating Analysis

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.37 - Category D4 Load Rating Analysis	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83
Labor Task Totals:	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category D4 Load Rating Analysis	1	\$1,053.83	\$1,053.83

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
Labor Task Totals:	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
Other Cost Total:				\$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
Labor Task Totals:	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
Other Cost Total:				\$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	96	\$119.85	\$11,505.60

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
Labor Task Totals:	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
Other Cost Total:				\$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	21	\$119.85	\$2,516.85

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
Labor Task Totals:	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
Other Cost Total:				\$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	15	\$119.85	\$1,797.75

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
Labor Task Totals:	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
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Other Cost Total:	\$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	A4 Load Rating Analysis - subconsultant	5	\$119.85	\$599.25

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	1	\$119.85	\$119.85

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

Labor Task Totals:	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	1	\$119.85	\$119.85

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

UNIT - C3 Load Rating Analysis -subconsultant**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.68 - Category C3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	C3 Load Rating Analysis - subconsultant	0	\$119.85	\$0.00

UNIT - C4 Load Rating Analysis -subconsultant**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.69 - Category C4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	C4 Load Rating Analysis - subconsultant	0	\$119.85	\$0.00

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	1	\$119.85	\$119.85

UNIT - D3 Load Rating Analysis -subconsultant**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.72 - Category D3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

Labor Task Totals:	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D3 Load Rating Analysis - subconsultant	0	\$119.85	\$0.00

UNIT - D4 Load Rating Analysis -subconsultant

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.73 - Category D4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D4 Load Rating Analysis - subconsultant	0	\$119.85	\$0.00

UNIT - D5 Load Rating Analysis -subconsultant

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.74 - Category D5 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D5 Load Rating Analysis - subconsultant	0	\$119.85	\$0.00

UNIT - A1 Inspection -subconsultant**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
Labor Task Totals:	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
Other Cost Total:				\$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	160	\$119.85	\$19,176.00

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
Labor Task Totals:	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
Other Cost Total:				\$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	35	\$119.85	\$4,194.75

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
Labor Task Totals:	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
Other Cost Total:				\$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	25	\$119.85	\$2,996.25

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
Labor Task Totals:	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
Other Cost Total:				\$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	9	\$119.85	\$1,078.65

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	B3 Inspection -subconsultant	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	6	\$119.85	\$719.10

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$119.85	\$239.70

UNIT - C3 Inspection -subconsultant**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.50 - Category C3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$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	C3 Inspection -subconsultant	0	\$119.85	\$0.00
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UNIT - C4 Inspection -subconsultant

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.51 - Category C4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	C4 Inspection -subconsultant	0	\$119.85	\$0.00

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

Labor Task Totals:							
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	1	\$119.85	\$119.85

UNIT - D3 Inspection -subconsultant

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.54 - Category D3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D3 Inspection -subconsultant	0	\$119.85	\$0.00

UNIT - D4 Inspection -subconsultant

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.55 - Category D4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D4 Inspection -subconsultant	0	\$119.85	\$0.00

UNIT - D5 Inspection -subconsultant

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.56 - Category D5 Inspection -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	D5 Inspection -subconsultant	0	\$119.85	\$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
Labor Task Totals:	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
Other Cost Total:				\$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	\$1,977.23	\$7,908.92

UNIT - Category C1 Load Rating Analysis

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.30 - Category C1 Load Rating	19	\$31.59	\$600.14	\$0.00	\$169.23	\$134.11	\$1,868.27

Analysis							
Labor Task Totals:	19	\$31.59	\$600.14	\$0.00	\$169.23	\$134.11	\$1,868.27

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Category C1 Load Rating Analysis	11	\$1,868.27	\$20,550.97

UNIT - DIST Major Bridge (> 500`) Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.75 - DIST Major Bridge (Length > 500`) Inspection Program Completeness Review	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17
Labor Task Totals:	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Dist Major Bridge	1	\$218.00	\$218.00
Other Cost Total:				\$218.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	DIST Major Bridge (> 500`) Inspection	66	\$2,065.17	\$136,301.22

UNIT - TPC Major Bridge (> 500`) Inspection rev**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.76 - TPC Major Bridge (Length > 500`) Inspection Program Completeness Review	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17
Labor Task Totals:	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - TPC Major Bridge	1	\$218.00	\$218.00
Other Cost Total:				\$218.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	TPC Major Bridge (> 500`) Inspection rev	6	\$2,065.17	\$12,391.02

UNIT - Draft Summary Reports for each District**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.77 - Preparation of Draft Summary Reports for each District	169	\$32.20	\$5,441.54	\$0.00	\$1,534.51	\$1,216.02	\$16,939.90
Labor Task Totals:	169	\$32.20	\$5,441.54	\$0.00	\$1,534.51	\$1,216.02	\$16,939.90

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Reports Copies	1	\$240.30	\$240.30
Other Cost Total:				\$240.30

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Reports for each District	22	\$17,180.20	\$377,964.40

UNIT - Draft Summary Reports for the Turnpike**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.78 - Preparation of Draft Summary Reports for the Turnpike	99	\$33.24	\$3,290.78	\$0.00	\$927.99	\$735.39	\$10,244.43
Labor Task Totals:	99	\$33.24	\$3,290.78	\$0.00	\$927.99	\$735.39	\$10,244.43

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Reports Copies	1	\$240.30	\$240.30
Other Cost Total:				\$240.30

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Reports for the Turnpike	2	\$10,484.73	\$20,969.46

UNIT - Close-Out Meetings for each District**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.79 - Close-Out Meetings for each District	87	\$36.51	\$3,176.46	\$0.00	\$895.76	\$709.84	\$9,888.54
Labor Task Totals:	87	\$36.51	\$3,176.46	\$0.00	\$895.76	\$709.84	\$9,888.54

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expense - Dist. Close Out	1	\$218.00	\$218.00
Other Cost Total:				\$218.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Close-Out Meetings for each District	22	\$10,106.54	\$222,343.88

UNIT - Close-Out Meetings for the Turnpike**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.80 - Close-Out Meetings for the Turnpike	49	\$36.32	\$1,779.74	\$0.00	\$501.88	\$397.72	\$5,540.45
Labor Task Totals:	49	\$36.32	\$1,779.74	\$0.00	\$501.88	\$397.72	\$5,540.45

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expense - TPC Close Out	1	\$297.80	\$297.80
Other Cost Total:				\$297.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Close-Out Meetings for the	2	\$5,838.25	\$11,676.50

	Turnpike	
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UNIT - Cycle Summary Report for Statewide

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.81 - Cycle Summary Reports Statewide for Districts	332	\$33.02	\$10,961.12	\$0.00	\$3,091.03	\$2,449.49	\$34,122.74
Labor Task Totals:	332	\$33.02	\$10,961.12	\$0.00	\$3,091.03	\$2,449.49	\$34,122.74

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Summary Reports Copies	1	\$230.00	\$230.00
Other Cost Total:				\$230.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cycle Summary Report for Statewide	2	\$34,352.74	\$68,705.48

UNIT - Cycle Summary Report for Turnpike

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.82 - Cycle Summary Report for Turnpike Bridges	63	\$35.90	\$2,261.94	\$0.00	\$637.86	\$505.47	\$7,041.58
Labor Task Totals:	63	\$35.90	\$2,261.94	\$0.00	\$637.86	\$505.47	\$7,041.58

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Summary Reports Copies - TPC	1	\$20.00	\$20.00
Other Cost Total:				\$20.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cycle Summary Report for Turnpike	2	\$7,061.58	\$14,123.16

Non-Unit Related Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
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Non-Unit Related Other Cost Total:	\$0.00
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Part 3 Total:				
Business Partner	PDA Total	CPU Total	Non-Unit OC Total	Part Total
Mackin Engineering Company	\$36,250.00	\$2,172,898.63	\$0.00	\$2,209,148.63
Specialty Engineering, Inc	\$0.00	\$476,483.18	\$0.00	\$476,483.18
Part Total:	\$ 36,250.00	\$ 2,649,381.81	\$ 0.00	\$ 2,685,631.81

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
Mackin Engineering Company	Mileage-Private Vehicle Usage	25,000	\$0.45	\$11,250.00
Mackin Engineering Company	Nonprofessional Services	1	\$25,000.00	\$25,000.00
Pre-Determined Amount Total:				\$36,250.00

Cost Factors		
Field Overhead Rate	Office Overhead Rate	Profit Factor
128.780%	160.760%	28.200%

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.

Other Costs				
Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

UNIT - District Office File Review

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.1 - District Office File Review	98	\$32.44	\$3,179.56	\$0.00	\$896.63	\$710.54	\$9,898.19
Labor Task Totals:	98	\$32.44	\$3,179.56	\$0.00	\$896.63	\$710.54	\$9,898.19

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - District File Review	1	\$704.00	\$704.00
Other Cost Total:				\$704.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	District Office File Review	22	\$10,602.19	\$233,248.18

UNIT - Turnpike Office File Review

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.2 - Turnpike Office File Review	52	\$32.62	\$1,696.44	\$0.00	\$478.39	\$379.10	\$5,281.13
Labor Task Totals:	52	\$32.62	\$1,696.44	\$0.00	\$478.39	\$379.10	\$5,281.13

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - TPC File Review	1	\$297.80	\$297.80
Other Cost Total:				\$297.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Turnpike Office File Review	2	\$5,578.93	\$11,157.86

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
Labor Task Totals:	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
Other Cost Total:				\$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	280	\$1,377.11	\$385,590.80

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
Labor Task Totals:	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
Other Cost Total:				\$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	65	\$1,377.11	\$89,512.15

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
Labor Task Totals:	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
Other Cost Total:				\$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	50	\$1,658.09	\$82,904.50

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
Labor Task Totals:	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
Other Cost Total:				\$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	16	\$1,728.49	\$27,655.84

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
Labor Task Totals:	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
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Mackin Engineering Company	Travel Expense - XLarge Structure	1	\$281.60	\$281.60
Other Cost Total:				\$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
Labor Task Totals:	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
Other Cost Total:				\$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	6	\$1,555.77	\$9,334.62

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
Labor Task Totals:	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
Other Cost Total:				\$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	6	\$1,834.23	\$11,005.38

UNIT - Cat B3 Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.10 - Category B3 Inspection	17	\$33.38	\$567.40	\$0.00	\$160.00	\$126.79	\$1,766.35
Labor Task Totals:	17	\$33.38	\$567.40	\$0.00	\$160.00	\$126.79	\$1,766.35

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
Other Cost Total:				\$70.40

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat B3 Inspection	3	\$1,836.75	\$5,510.25

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$2,542.93	\$7,628.79

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
Labor Task Totals:	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
Other Cost Total:				\$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	9	\$1,913.09	\$17,217.81

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
Labor Task Totals:	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
Other Cost Total:				\$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 C3 Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.14 - Category C3 Inspection	25	\$32.15	\$803.69	\$0.00	\$226.64	\$179.60	\$2,501.94
Labor Task Totals:	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 - Medium Structure	1	\$70.40	\$70.40
Other Cost Total:				\$70.40

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C3 Inspection	1	\$2,572.34	\$2,572.34

UNIT - Cat C4 Inspection

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.15 - Category C4 Inspection	31	\$31.48	\$975.86	\$0.00	\$275.19	\$218.07	\$3,037.92
Labor Task Totals:	31	\$31.48	\$975.86	\$0.00	\$275.19	\$218.07	\$3,037.92

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
Other Cost Total:				\$140.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C4 Inspection	1	\$3,178.72	\$3,178.72

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
Labor Task Totals:	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
Other Cost Total:				\$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	3	\$1,377.11	\$4,131.33

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
Labor Task Totals:	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
Other Cost Total:				\$46.93

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D2 Inspection	1	\$1,377.11	\$1,377.11

UNIT - Cat D3 Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.18 - Category D3 Inspection	14	\$34.62	\$484.68	\$0.00	\$136.67	\$108.31	\$1,508.84
Labor Task Totals:	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 - Medium Structure	1	\$70.40	\$70.40
Other Cost Total:				\$70.40

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D3 Inspection	1	\$1,579.24	\$1,579.24

UNIT - Cat D4 Inspection**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.19 - Category D4 Inspection	15	\$34.45	\$516.74	\$0.00	\$145.72	\$115.47	\$1,608.64
Labor Task Totals:	15	\$34.45	\$516.74	\$0.00	\$145.72	\$115.47	\$1,608.64

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
Other Cost Total:				\$140.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D4 Inspection	1	\$1,749.44	\$1,749.44

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$2,368.32	\$2,368.32

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
Labor Task Totals:	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
Other Cost Total:				\$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	204	\$775.37	\$158,175.48

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
Labor Task Totals:	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
Other Cost Total:				\$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	54	\$775.37	\$41,869.98

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
Labor Task Totals:	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
Other Cost Total:				\$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	35	\$954.03	\$33,391.05

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
Labor Task Totals:	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

Other Cost Total:	\$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 A4 LRA	20	\$954.03	\$19,080.60

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
Labor Task Totals:	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
Other Cost Total:				\$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 B1 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.26 - Category B1 Load Rating Analysis	9	\$33.30	\$299.73	\$0.00	\$84.52	\$66.98	\$933.08
Labor Task Totals:	9	\$33.30	\$299.73	\$0.00	\$84.52	\$66.98	\$933.08

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	8	\$933.08	\$7,464.64

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
Labor Task Totals:	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
Other Cost Total:				\$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	8	\$1,311.35	\$10,490.80

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$1,341.45	\$5,365.80

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$1,977.23	\$7,908.92

UNIT - Cat C1 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.30 - Category C1 Load Rating Analysis	19	\$31.59	\$600.14	\$0.00	\$169.23	\$134.11	\$1,868.27
Labor Task Totals:	19	\$31.59	\$600.14	\$0.00	\$169.23	\$134.11	\$1,868.27

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	11	\$1,868.27	\$20,550.97

UNIT - Cat C2 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.31 - Category C2 Load Rating Analysis	30	\$31.19	\$935.55	\$0.00	\$263.82	\$209.06	\$2,912.43
Labor Task Totals:	30	\$31.19	\$935.55	\$0.00	\$263.82	\$209.06	\$2,912.43

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C2 LRA	3	\$2,912.43	\$8,737.29

UNIT - Cat C3 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.32 - Category C3 Load Rating Analysis	30	\$31.41	\$942.28	\$0.00	\$265.72	\$210.57	\$2,933.38
Labor Task Totals:	30	\$31.41	\$942.28	\$0.00	\$265.72	\$210.57	\$2,933.38

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C3 LRA	1	\$2,933.38	\$2,933.38

UNIT - Cat C4 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.33 - Category C4 Load Rating Analysis	42	\$30.79	\$1,293.35	\$0.00	\$364.72	\$289.02	\$4,026.29
Labor Task Totals:	42	\$30.79	\$1,293.35	\$0.00	\$364.72	\$289.02	\$4,026.29

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C4 LRA	1	\$4,026.29	\$4,026.29

UNIT - Cat D1 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.34 - Category D1 Load Rating Analysis	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22
Labor Task Totals:	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	3	\$854.22	\$2,562.66

UNIT - Cat D2 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.35 - Category D2 Load Rating Analysis	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22
Labor Task Totals:	8	\$34.30	\$274.40	\$0.00	\$77.38	\$61.32	\$854.22

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	1	\$854.22	\$854.22

UNIT - Cat D3 LRA**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.36 - Category D3 Load Rating Analysis	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83
Labor Task Totals:	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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 D3 LRA	1	\$1,053.83	\$1,053.83
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UNIT - Cat D4 LRA

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.37 - Category D4 Load Rating Analysis	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83
Labor Task Totals:	10	\$33.85	\$338.52	\$0.00	\$95.46	\$75.64	\$1,053.83

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D4 LRA	1	\$1,053.83	\$1,053.83

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 Analysis	21	\$31.77	\$667.20	\$0.00	\$188.15	\$149.10	\$2,077.04
Labor Task Totals:	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
Other Cost Total:				\$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
	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

Labor Task Totals:							
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	160	\$119.85	\$19,176.00

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
Labor Task Totals:	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
Other Cost Total:				\$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	35	\$119.85	\$4,194.75

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
Labor Task Totals:	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
Other Cost Total:				\$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	25	\$119.85	\$2,996.25

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
Labor Task Totals:	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
Other Cost Total:				\$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	9	\$119.85	\$1,078.65

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$119.85	\$479.40

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 -	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

subconsultant							
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	6	\$119.85	\$719.10

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

UNIT - Cat C3 Insp. -sub**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.50 - Category C3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C3 Insp. -sub	0	\$119.85	\$0.00

UNIT - Cat C4 Insp. -sub**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.51 - Category C4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C4 Insp. -sub	0	\$119.85	\$0.00

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
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D1 Insp. -sub	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	1	\$119.85	\$119.85

UNIT - Cat D3 Insp. -sub**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.54 - Category D3 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D3 Insp. -sub	0	\$119.85	\$0.00

UNIT - Cat D4 Insp. -sub

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.55 - Category D4 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D4 Insp. -sub	0	\$119.85	\$0.00

UNIT - Cat D5 Insp. -sub

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.56 - Category D5 Inspection - subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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

Other Cost Total:	\$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 D5 Insp. -sub	0	\$119.85	\$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
Labor Task Totals:	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
Other Cost Total:				\$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	96	\$119.85	\$11,505.60

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
Labor Task Totals:	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
Other Cost Total:				\$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	21	\$119.85	\$2,516.85

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
Labor Task Totals:	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
Other Cost Total:				\$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	15	\$119.85	\$1,797.75

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
Labor Task Totals:	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
Other Cost Total:				\$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	5	\$119.85	\$599.25

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
Labor Task Totals:	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
Other Cost Total:				\$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	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
Labor Task Totals:	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
Other Cost Total:				\$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	1	\$119.85	\$119.85

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
Labor Task Totals:	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
Other Cost Total:				\$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	1	\$119.85	\$119.85

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
Labor Task Totals:	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
Other Cost Total:				\$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	4	\$119.85	\$479.40

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
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C2 LRA -sub	2	\$119.85	\$239.70

UNIT - Cat C3 LRA -sub**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.68 - Category C3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$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 C3 LRA -sub	0	\$119.85	\$0.00
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UNIT - Cat C4 LRA -sub

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.69 - Category C4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat C4 LRA -sub	0	\$119.85	\$0.00

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
Labor Task Totals:	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
Other Cost Total:				\$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	2	\$119.85	\$239.70

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
	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85

Labor Task Totals:							
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Other Cost Total:				\$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	1	\$119.85	\$119.85

UNIT - Cat D3 LRA -sub

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.72 - Category D3 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D3 LRA -sub	0	\$119.85	\$0.00

UNIT - Cat D4 LRA -sub

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.73 - Category D4 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$0.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cat D4 LRA -sub	0	\$119.85	\$0.00

UNIT - Cat D5 LRA -sub

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.74 - Category D5 Load Rating Analysis -subconsultant	1	\$38.50	\$38.50	\$0.00	\$10.85	\$8.60	\$119.85
Labor Task Totals:	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
Other Cost Total:				\$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 -sub	0	\$119.85	\$0.00

UNIT - DIST Major Bridge (> 500') Inspec revu

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.75 - DIST Major Bridge (Length > 500') Inspection Program Completeness Review	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17
Labor Task Totals:	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - Dist Major Bridge	1	\$218.00	\$218.00
Other Cost Total:				\$218.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	DIST Major Bridge (> 500') Inspec revu	66	\$2,065.17	\$136,301.22

UNIT - TPC Major Bridge (> 500') Inspec revu

Labor Tasks

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.76 - TPC Major Bridge (Length > 500') Inspection Program Completeness Review	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17
Labor Task Totals:	16	\$37.09	\$593.36	\$0.00	\$167.32	\$132.59	\$1,847.17

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel Expense - TPC Major Bridge	1	\$297.80	\$297.80
Other Cost Total:				\$297.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	TPC Major Bridge (> 500') Inspec revu	6	\$2,144.97	\$12,869.82

UNIT - Draft Summary Reports for each District**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.77 - Preparation of Draft Summary Reports for each District	169	\$32.20	\$5,441.54	\$0.00	\$1,534.51	\$1,216.02	\$16,939.90
Labor Task Totals:	169	\$32.20	\$5,441.54	\$0.00	\$1,534.51	\$1,216.02	\$16,939.90

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Report Copies	1	\$240.30	\$240.30
Other Cost Total:				\$240.30

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Reports for each District	22	\$17,180.20	\$377,964.40

UNIT - Draft Summary Reports for the Turnpike**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.78 - Preparation of Draft Summary Reports for the Turnpike	99	\$33.24	\$3,290.78	\$0.00	\$927.99	\$735.39	\$10,244.43

Labor Task Totals:	99	\$33.24	\$3,290.78	\$0.00	\$927.99	\$735.39	\$10,244.43
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Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Report Copies	1	\$240.30	\$240.30
Other Cost Total:				\$240.30

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Draft Summary Reports for the Turnpike	2	\$10,484.73	\$20,969.46

UNIT - Close-Out Meetings for each District**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.79 - Close-Out Meetings for each District	87	\$36.51	\$3,176.46	\$0.00	\$895.76	\$709.84	\$9,888.54
Labor Task Totals:	87	\$36.51	\$3,176.46	\$0.00	\$895.76	\$709.84	\$9,888.54

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - Dist. Close Out	1	\$218.00	\$218.00
Other Cost Total:				\$218.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Close-Out Meetings for each District	22	\$10,106.54	\$222,343.88

UNIT - Close-Out Meetings for the Turnpike**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.80 - Close-Out Meetings for the Turnpike	49	\$36.32	\$1,779.74	\$0.00	\$501.88	\$397.72	\$5,540.45
Labor Task Totals:	49	\$36.32	\$1,779.74	\$0.00	\$501.88	\$397.72	\$5,540.45

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Travel expenses - TPC Close Out	1	\$297.80	\$297.80
Other Cost Total:				\$297.80

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Close-Out Meetings for the Turnpike	2	\$5,838.25	\$11,676.50

UNIT - Cycle Summary Report for Statewide**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.81 - Cycle Summary Report for Statewide	332	\$33.02	\$10,961.12	\$0.00	\$3,091.03	\$2,449.49	\$34,122.74
Labor Task Totals:	332	\$33.02	\$10,961.12	\$0.00	\$3,091.03	\$2,449.49	\$34,122.74

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Cycle Summary Report copies	1	\$230.00	\$230.00
Other Cost Total:				\$230.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cycle Summary Report for Statewide	2	\$34,352.74	\$68,705.48

UNIT - Cycle Summary Report for Turnpike**Labor Tasks**

Task Name	Hours	Average Rate	Total Payroll	Overhead	Profit	Escalation	Total Task Cost
1.82 - Cycle Summary Report for Turnpike	63	\$35.90	\$2,261.94	\$0.00	\$637.86	\$505.47	\$7,041.58
Labor Task Totals:	63	\$35.90	\$2,261.94	\$0.00	\$637.86	\$505.47	\$7,041.58

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	TPC Cycle Summary Report copies	1	\$20.00	\$20.00
Other Cost Total:				\$20.00

Unit of Work Total

Business Partner	Unit of Work Name	Units	Avg Cost Per Unit	Total Cost
Mackin Engineering Company	Cycle Summary Report for Turnpike	2	\$7,061.58	\$14,123.16

Non-Unit Related Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Non-Unit Related Other Cost Total:				\$0.00

Part 4 Total:

Business Partner	PDA Total	CPU Total	Non-Unit OC Total	Part Total
Mackin Engineering Company	\$36,250.00	\$2,173,377.43	\$0.00	\$2,209,627.43
Specialty Engineering, Inc	\$0.00	\$476,483.18	\$0.00	\$476,483.18
Part Total:	\$ 36,250.00	\$ 2,649,860.61	\$ 0.00	\$ 2,686,110.61

Part 5 - QA Inspection related services**Method of Payment - Cost Plus Fixed Fee****Pre-Determined Amounts (PDA)**

Business Partner	PDA Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Nonprofessional Services	1	\$5,000.00	\$5,000.00
Mackin Engineering Company	Mileage-Private Vehicle	1,000	\$0.45	\$450.00
Pre-Determined Amount Total:				\$5,450.00

Cost Factors

Field Overhead Rate	Office Overhead Rate	Profit Factor
128.780%	160.760%	28.200%

Project Team

First Name	Last Name	Classification	Rate
SHERMAN	BAILEY	SENIOR STRUCTURAL ENGINEER	\$27.50
MAHENDRA	BHALAKIA	Project Manager	\$38.50
EDWARD	BROPHY	Project Manager	\$28.10
TODD	CARROLL	SR. DESIGNER	\$25.50
JASON	CARVER	STRUCTURAL DESIGNER	\$21.30
ANTHONY	CHRISTIAN	CADD Tech	\$18.40
JOHN	COLLIER	CADD Tech	\$16.00
THOMAS	DEDIG	CADD Tech	\$26.00

BRYAN	DIETRICH	STRUCTURAL ENGINEER	\$26.00
BRYAN	DIETRICH	STRUCTURAL DESIGNER	\$23.10
RICHARD	GREGORICH	CADD Tech	\$23.00
MICHAEL	HALLAHAN	CADD Tech	\$23.10
WILLIAM	HARRIS	CHIEF STRUCTURAL ENGINEER FOR INSPECTION	\$35.00
RICHARD	HILDEBRAND	CADD Tech	\$21.40
THOMAS	JOHNSTON	STRUCTURAL DESIGNER	\$22.80
PATRICIA	KAPINSKI	Adm Assistant/Secretary	\$19.40
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
THOMAS	ROCKWELL	CADD Tech	\$23.50

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
Mackin Engineering Company	1.1 - Other Inspection Related Studies	500	\$28.87	\$14,436.00	\$23,207.31	\$4,070.95	\$3,203.44	\$44,917.70
Labor Task Totals:		500	\$28.87	\$14,436.00	\$23,207.31	\$4,070.95	\$3,203.44	\$44,917.70

Other Costs

Business Partner	Other Cost Name	Units	Cost Per Unit	Total Cost
Mackin Engineering Company	Lodging	4	\$53.00	\$212.00
Mackin Engineering Company	Per Diem	8	\$28.00	\$224.00
Mackin Engineering Company	Reproduction	2,000	\$0.10	\$200.00
Other Cost Total:				\$636.00

Direct Costs by Others

Business Partner	Total Payroll Amount	Overhead Amount	Profit Amount	Escalation Amount	Other Costs Total	PDA Total	Cost By Others Total
Specialty Engineering, Inc	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Cost by Others Total:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Part 5 Total:

Business Partner	Total Payroll Amount	Overhead Amount	Profit Amount	Escalation Amount	Other Costs Total	PDA Total	Part Total
Mackin Engineering Company	\$14,436.00	\$23,207.31	\$4,070.95	\$3,203.44	\$636.00	\$5,450.00	\$51,003.70
Specialty Engineering, Inc	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Part Total:	\$14,436.00	\$23,207.31	\$4,070.95	\$3,203.44	\$636.00	\$5,450.00	\$51,003.70

Estimate Total:				
Business Partner	PDA Total	CPU Total	Non-Unit OC Total	Estimate Total
Mackin Engineering Company	\$77,950.00	\$4,346,276.06	\$636.00	\$4,469,779.76
Specialty Engineering, Inc	\$0.00	\$952,966.36	\$0.00	\$952,966.36
Estimate Total:	\$77,950.00	\$5,299,242.42	\$636.00	\$5,422,746.12

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