

**STATEMENT OF PROBABLE COST  
KENAI PENINSULA BOROUGH CAPITAL PROJECTS DEPARTMENT**

**Project Name:** CES Station 1 Roof Repairs Long Term      **Date:** March 28, 2012

**Description:** The project consists removal and replacement 7,850 square feet of roofing, installation of ventilation to the above insulation space and sealing all ceiling penetrations and installing FRP panels over the entire ceiling area. (Apparatus Bay portion of the building only)

**A/E Firm:** To Be Determined

**Project Manager:** David May

**Funding:** To Be Determined

**Account Number:** N/A

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**PROJECT COST ESTIMATE**

1. Demolition Costs

A. Removal of 7,850 s.f. metal roofing and moisture barrier	\$26,500.00
B. Disposal Fees	\$1,700.00

2. Construction Costs

A. Roofing and Moisture barrier replacement	\$81,000.00
B. Power ventilation of attic space	\$10,500.00
C. Sealing of ceiling penetrations	\$8,000.00
D. FRP panel installation	\$85,000.00

**Subtotal** **\$212,700.00**

Contractor Overhead 8% \$17,016.00

Contractor Profit 8% \$17,016.00

Bonds and Insurance 4% \$8,508.00

**Subtotal** **\$255,240.00**

Construction Contingency 15% \$38,286.00

**Total Construction Cost:** **\$293,526.00**

2. Other Project Costs

A. Design and Development (includes CA) \$46,964.16

B. Contract Admin. & Const. Mngt. 7% \$20,546.82

C. Permits: \$3,500.00

D. Project Contingency 5% \$18,226.85

**Total Other Costs:** **\$89,237.83**

3. Subtotal Project Cost: **\$382,763.83**

A. Annual Inflation Rate 5% over 12 months =5% \$19,138.19

B. Legal & Admin. Costs: 3.04% \$11,636.02

**Total Inflation and Administrative Costs** **\$30,774.21**

**Total Project Cost:** **\$413,538.04**

work item	1.5 alaska		Estimations	
	book price	units multiplier	number	7,850 sq. ft area
Demo Metal Roof	0.89 sf	1.335		\$ 10,479.75
Demo 2-ply moisture barrier	1.35 sf	2.025		\$ 15,896.25
New moisture barrier	sf	0	1.78	\$ 13,973.00
new metal roofing	5.7 sf	8.55		\$ 67,117.50
FRP panels on ceiling	6.98 sf	10.47		\$ 82,189.50
VR primer	0.37 sf	0.555		\$ 4,356.75
VR paint	0.33	0.495		\$ 3,885.75
Power vent (4@500 cfm ea)	1000	1500		\$ 10,500.00
Wall vents (6" x		0		\$ -
		0		\$ -
dump (7 ton)	165 ton	247.5		\$ 1,732.50
				\$ -
caulking				