

APPENDIX C
COST ESTIMATES

Project Title: Seward Airport Improvements

Description: Reconstruct both RWs, Resurface Apron and Taxiways, RW Lights

Pay Item Number	Pay Item Description	Pay Unit	Quantity	Unit Price	Total Unit Cost
G-100a	Mobilization and Demobilization	LS	All Req'd	LS	\$ 1,000,000
P-101b	Surface Prep - Pavement Removal	SY	70,000	\$3.00	\$ 210,000
P-152a	Unclassified Excavation	CY	15,000	\$9.00	\$ 135,000
P-152f	Embankment	CY	60,000	\$30	\$ 1,800,000
P-157c	Temporary Erosion and Pollution Control	LS	All Req'd	LS	\$ 50,000
P-180a	Riprap	CY	15,000	\$120	\$ 1,800,000
P-209a	Crushed Aggregate Base Course	CY	24,000	\$100	\$ 2,400,000
P-401a	Hot Mix Asphalt Type I, Class A	TON	26,000	\$100	\$ 2,600,000
P-401b	Hot Mix Asphalt Price Adjustment	CS	All Req'd	CS	\$ 130,000
P-401c	Asphalt Cement, PG 52-28	TON	1,600	\$750	\$ 1,200,000
P-603a	Tack Coat, STE-1	TON	50	\$800	\$ 40,000
P-620	Runway and Taxiway Markings	LS	All Req'd	LS	\$ 50,000
D-701	Replace Culvert	LS	All Req'd	LS	\$ 80,000
F-162	Security Fencing	LF	7,500	\$30	\$ 225,000
F-162	Security Fencing - Gates	EA	6	\$5,000	\$ 30,000
L-100	Airport Lighting	LS	All Req'd	LS	\$ 1,100,000
L-101b	Rotating Beacon, Medium Intensity, L-801a	EA	1	\$10,000	\$ 10,000
L-107b	12-foot Lighted Wind Cone, in place	EA	1	\$25,000	\$ 25,000
L-132a	Install Approach Lighting Aids (PAPI & REILS)	LS	All Req'd	LS	\$ 150,000

Total Basic Bid = \$ 13,035,000
Environmental = \$ 50,000
Design Engineering (10%) = \$ 1,303,500
Construction Engineering (10%) = \$ 1,303,500
ICAP (4.8%) = \$ 625,680
Contingency (15%) = \$ 1,955,250
Project Total = \$ 18,272,930

Quantities based on:

Runway 12/30 Elevation – 1.5 feet above existing

Structural Section - 4 inches asphalt, 6 inches base

RW Lighting - Edge lights, Beacon, lighted windsock, PAPIs, REILs, temporary lighting

Apron – Resurface existing apron.

Not included:

- SRE Loader w/ blower - \$250,000
- SRE Grader - \$250,000
- Truck - \$200,000
- SRE Building
- Helicopter Facilities