

**CALIFORNIA REDWOOD COAST-HUMBOLDT COUNTY AIRPORT**

Preliminary Construction Estimate

\$ 11,752,475.53 Rehab Runway 14/32

\$ 4,903,937.50 Improve Electrical System (Phase 1)

**\$ 16,656,413.03 Construction Total**

<b>Rehabilitate Runway 14/32 and Associated Taxiways, Improve Electrical System (Phase 1)</b>						
<b>REHABILITATE RUNWAY 14/32 AND ASSOCIATED TAXIWAYS</b>						<b>2/9/2022</b>
<b>ITEM NO.</b>	<b>FAA ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED QUANTITY</b>	<b>UNIT</b>	<b>UNIT COSTS</b>	<b>TOTAL COSTS</b>
1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 301,700.00	\$ 301,700.00
2	C-102	Temporary Slope Drains, Benches, Dikes, Dams, and Sediment Basins	Incidental	Incidental	Incidental	Incidental
3	C-105	Mobilization	1	LS	\$ 1,650,635.53	\$ 1,650,635.53
4	C-110	Method of Estimating Percentage of Material with Limits (PWL)	Incidental	Incidental	Incidental	Incidental
5	S-6	Watering	Incidental	Incidental	Incidental	Incidental
6	P-101a	Cold Milling	117,000	SY	\$ 3.00	\$ 351,000.00
7	P-101b	Crack Sealing	5	TON	\$ 2,500.00	\$ 12,500.00
8	P-101c	Stress Relief Interlayer (20-inch width)	3,000	LF	\$ 35.00	\$ 105,000.00
9	P-152a	Excavation and Embankment	Incidental	Incidental	Incidental	Incidental
10	P-152b	Shoulder Grading	15,730	SY	\$ 20.00	\$ 314,600.00
11	P-153	Controlled Low Strength Material (CLSM)	Incidental	Incidental	Incidental	Incidental
12	P-401a	Asphalt Surface Course	39,700	TON	\$ 125.00	\$ 4,962,500.00
13	P-401b	Bituminous Material	2,580	TON	\$ 1,000.00	\$ 2,580,000.00
14	P-603	Emulsified Asphalt Tack Coat	153	TON	\$ 1,000.00	\$ 153,000.00
15	P-608-R	Asphalt Surface Treatment	5,000	SY	\$ 5.00	\$ 25,000.00
16	P-610a	Concrete	Incidental	Incidental	Incidental	Incidental
17	P-610b	Early High Strength Concrete	Incidental	Incidental	Incidental	Incidental
18	P-620a	Marking	144,980	SF	\$ 2.00	\$ 289,960.00
19	P-620b	Temporary Marking	228,140	SF	\$ 2.00	\$ 456,280.00
20	P-620c	Marking Removal	13,800	SF	\$ 5.00	\$ 69,000.00
21	P-621	Grooving	89,060	SY	\$ 5.00	\$ 445,300.00
22	T-901	Seeding	6	ACRE	\$ 2,000.00	\$ 12,000.00
23	T-908	Mulching	6	ACRE	\$ 4,000.00	\$ 24,000.00
<b>Rehab Runway 14/32 Total</b>						<b>\$ 11,752,475.53</b>
<b>IMPROVE ELECTRICAL SYSTEM ( PHASE 1)</b>						
1	L-108-1	1-1/C No. 8 AWG, 5 kV, L-824C Cable	42,075	LF	\$4.50	\$ 189,337.50
2	L-108-2	1-1/C No. 6 AWG, 600V Ground Wire	31,200	LF	\$2.00	\$ 62,400.00
3	L-109-1	10KW Constant Current Regulator (CCR)	3	EA	\$20,000.00	\$ 60,000.00
4	L-109-2	Airfield Lighting Vault Modifications	1	LS	\$45,000.00	\$ 45,000.00
5	L-110-1	Concrete Encased, Electrical Conduit, 1-Way 2-inch, in Native Soil	950	LF	\$80.00	\$ 76,000.00
6	L-110-2	Concrete Encased, Electrical Conduit, 1-Way 2-inch, In New Asphalt	12,540	LF	\$100.00	\$ 1,254,000.00
7	L-125-1	LED L-862E(L) Runway Elevated End/Threshold Light & Iso Transformer	32	EA	\$2,000.00	\$ 64,000.00
8	L-125-2	LED L-862(L) Runway Elevated Edge Light & Iso Transformer	56	EA	\$2,000.00	\$ 112,000.00
9	L-125-3	LED L-850C(L) Runway Inpavement Edge light & Iso Transformer	2	EA	\$2,750.00	\$ 5,500.00
10	L-125-4	LED L-850B(L) Touchdown Zone Light & Iso Transformer	180	EA	\$2,300.00	\$ 414,000.00
11	L-125-5	LED L-850A(L) Runway Centerline Light, Iso Transformer	119	EA	\$2,300.00	\$ 273,700.00
12	L-125-6	LED L-861T(L) Taxiway Edge Light & Iso Transformer	76	EA	\$1,750.00	\$ 133,000.00
13	L-125-7	Remove and Reinstall MALSR Light	23	EA	\$500.00	\$ 11,500.00
14	L-125-8	L-868B Base Can	299	EA	\$4,500.00	\$ 1,345,500.00
15	L-125-9	L-868B Extension and Spacer Package	299	EA	\$1,750.00	\$ 523,250.00
16	L-125-10	L-868C Extension and Spacer Package	23	EA	\$1,750.00	\$ 40,250.00
17	L-125-11	Size 1 Airfield Guidance Sign & Foundation - 1 MOD	3	EA	\$7,500.00	\$ 22,500.00
18	L-125-12	Size 1 Airfield Guidance Sign & Foundation - 2 MOD	11	EA	\$10,000.00	\$ 110,000.00
19	L-125-13	Size 1 Airfield Guidance Sign & Foundation - 3 MOD	4	EA	\$13,000.00	\$ 52,000.00
20	L-125-14	RDR Sign & Foundation	3	EA	\$15,000.00	\$ 45,000.00
21	L-128-1	Airfield Lighting Demolition	1	LS	\$35,000.00	\$ 35,000.00
22	L-128-2	Miscellaneous Airfield Electrical Work	1	LS	\$30,000.00	\$ 30,000.00
<b>Improve Electrical Total</b>						<b>\$ 4,903,937.50</b>
<b>PROJECT TOTAL</b>						<b>\$ 16,656,413.03</b>