



**PORT OF BENTON
RICHLAND AIRPORT
ELECTRICAL REPLACEMENT PROJECT**

Bid Opening Date: March 22, 2022

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineer's Estimate		Sierra Electric, Inc.		Colvico, Inc.	
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BID SCHEDULE A									
1	Mobilization (Item C-105)	LS	1	\$ 229,446.50	\$ 229,446.50	\$ 116,000.00	\$ 116,000.00	\$ 62,350.00	\$ 62,350.00
2	Temporary Flagging, Marking, and Signing (Sheet G-03)	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 54,000.00	\$ 54,000.00	\$ 80,879.00	\$ 80,879.00
3	Low Level Barricades (Sheet G-03)	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 16,500.00	\$ 16,500.00	\$ 18,725.00	\$ 18,725.00
4	Construction Staking (Section 50)	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 50,600.00	\$ 50,600.00	\$ 32,210.00	\$ 32,210.00
5	FOD Prevention Controls (P-100)	LS	1	\$ 125,000.00	\$ 125,000.00	\$ 18,050.00	\$ 18,050.00	\$ 16,760.00	\$ 16,760.00
6	General Electrical Removal (L-100)	LS	1	\$ 115,000.00	\$ 115,000.00	\$ 26,500.00	\$ 26,500.00	\$ 99,648.00	\$ 99,648.00
7	Existing Guidance Sign and Foundation Demolition (L-125)	EA	27	\$ 1,000.00	\$ 27,000.00	\$ 520.00	\$ 14,040.00	\$ 556.00	\$ 15,012.00
8	L-858(L) New Lighted Guidance Sign and Foundation (L-125)	EA	27	\$ 5,000.00	\$ 135,000.00	\$ 4,350.00	\$ 117,450.00	\$ 5,705.00	\$ 154,035.00
9	L-861T New Elevated Taxiway Edge Lights (MIRL) w/ Blue Lens	EA	237	\$ 1,500.00	\$ 355,500.00	\$ 928.00	\$ 219,936.00	\$ 1,613.00	\$ 382,281.00
10	L-861 New Elevated Runway Edge Lights (MIRL) w/ White/Yellow	EA	69	\$ 1,500.00	\$ 103,500.00	\$ 1,038.00	\$ 71,622.00	\$ 1,982.00	\$ 136,758.00
11	L-861 New In-Pavement Elevated Runway Edge Lights (MIRL) w/	EA	5	\$ 4,000.00	\$ 20,000.00	\$ 1,714.00	\$ 8,570.00	\$ 3,973.00	\$ 19,865.00
12	L-861SE New Elevated Threshold Lights (MIRL) w/ Green/Red L	EA	32	\$ 1,500.00	\$ 48,000.00	\$ 932.00	\$ 29,824.00	\$ 1,912.00	\$ 61,184.00
13	Existing PAPI and Foundation Demolition (L-125)	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 1,290.00	\$ 3,870.00	\$ 2,622.00	\$ 7,866.00
14	L-881, Style B, Class 1 PAPI (L-125)	EA	3	\$ 20,000.00	\$ 60,000.00	\$ 24,277.00	\$ 72,831.00	\$ 20,093.00	\$ 60,279.00
15	Existing REIL Pair and Foundations Demolition (L-125)	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 810.00	\$ 1,620.00	\$ 954.00	\$ 1,908.00
16	L-849(L), Style A New REIL Unit Pair (L-125)	EA	2	\$ 26,000.00	\$ 52,000.00	\$ 12,322.00	\$ 24,644.00	\$ 26,285.00	\$ 52,570.00
17	No. 8 AWG 5KV L-824 Type C Cable, Installed in Conduit (L-108)	LF	52,000	\$ 5.00	\$ 260,000.00	\$ 1.37	\$ 71,240.00	\$ 1.86	\$ 96,720.00
18	No. 6 AWG Solid, Bare Counterpoise Wire (L-108)	LF	11,900	\$ 2.00	\$ 23,800.00	\$ 1.02	\$ 12,138.00	\$ 2.46	\$ 29,274.00
19	No. 8 AWG, Green THWN-2 or XHHW-2 Insulated Cable related	LF	3,200	\$ 3.00	\$ 9,600.00	\$ 1.20	\$ 3,840.00	\$ 1.39	\$ 4,448.00
20	No. 8 AWG, Black THWN-2 or XHHW-2 Insulated Cable related	LF	3,200	\$ 3.00	\$ 9,600.00	\$ 1.20	\$ 3,840.00	\$ 1.39	\$ 4,448.00
21	No. 8 AWG, White THWN-2 or XHHW-2 Insulated Cable related	LF	3,200	\$ 3.00	\$ 9,600.00	\$ 1.20	\$ 3,840.00	\$ 1.39	\$ 4,448.00
22	No. 40 AWG, THWN-2 or XHHW-2 Insulated, Stranded Cable, I	LF	1,050	\$ 6.00	\$ 6,300.00	\$ 7.50	\$ 7,875.00	\$ 9.11	\$ 9,565.50
23	No. 4 AWG, THWN-2 or XHHW-2 Insulated, Stranded Equipmen	LF	350	\$ 2.00	\$ 700.00	\$ 2.20	\$ 770.00	\$ 2.46	\$ 861.00
24	No. 6 AWG, THWN-2 or XHHW-2 Insulated, Stranded Cable, Ins	LF	2,450	\$ 2.00	\$ 4,900.00	\$ 1.50	\$ 3,675.00	\$ 1.78	\$ 4,361.00
25	No. 12 AWG, THWN-2 or XHHW-2 Insulated, Stranded Cable, In	LF	4,875	\$ 1.00	\$ 4,875.00	\$ 0.71	\$ 3,461.25	\$ 0.84	\$ 4,095.00
26	Non-encased, 1 Way 2" PVC Electrical Conduit (L-110)	LF	11,500	\$ 30.00	\$ 345,000.00	\$ 9.50	\$ 109,250.00	\$ 22.11	\$ 254,265.00
27	Non-encased, 1 Way 3" PVC Electrical Conduit, related to Gene	LF	700	\$ 225.00	\$ 157,500.00	\$ 13.80	\$ 9,660.00	\$ 39.77	\$ 27,839.00
28	Threshold Lighting Bar (Sheet G-09 and Sheet E-22)	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 12,265.00	\$ 12,265.00	\$ 19,097.00	\$ 19,097.00
29	FBO Hangar Area Pavement Replacement (Sheet E-20)	LS	1	\$ 8,000.00	\$ 8,000.00	\$ 41,200.00	\$ 41,200.00	\$ 16,593.00	\$ 16,593.00
30	Electrical Handhole (L-115)	EA	7	\$ 5,000.00	\$ 35,000.00	\$ 3,660.00	\$ 25,620.00	\$ 4,895.00	\$ 34,265.00
31	In-Pavement Aircraft Rated Electrical Vault (L-115)	EA	2	\$ 9,000.00	\$ 18,000.00	\$ 7,500.00	\$ 15,000.00	\$ 10,331.00	\$ 20,662.00
32	L-867 Junction Base Can (L-115)	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 711.00	\$ 711.00	\$ 1,222.00	\$ 1,222.00
33	L-828 10kW (RW 1-19 and TW A) Constant Current Regulator (L	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 12,975.00	\$ 12,975.00	\$ 17,620.00	\$ 17,620.00
34	L-828 7.5kW (RW 8-26 and TW B) Constant Current Regulator (L	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 13,070.00	\$ 13,070.00	\$ 15,740.00	\$ 15,740.00
35	Circuit Breakers for Existing Panels (L-100)	EA	10	\$ 200.00	\$ 2,000.00	\$ 85.00	\$ 850.00	\$ 160.00	\$ 1,600.00
36	Regulator Vault/Building Modifications (L-100)	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 19,900.00	\$ 19,900.00	\$ 32,418.00	\$ 32,418.00
37	Safety Switches and Disconnecting Means (L-100)	EA	2	\$ 295.00	\$ 590.00	\$ 350.00	\$ 700.00	\$ 1,670.00	\$ 3,340.00
38	Generator (Section 26 32 13)	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 63,210.00	\$ 63,210.00	\$ 127,902.00	\$ 127,902.00
39	L-801A Class I Airport Rotating Beacon (L-101)	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 6,795.00	\$ 6,795.00	\$ 15,138.00	\$ 15,138.00
40	Airport Rotating Beacon Removal (L-101)	EA	1.0	\$ 2,500.00	\$ 2,500.00	\$ 1,150.00	\$ 1,150.00	\$ 2,964.00	\$ 2,964.00
41	Tower Electrical Modifications (L-101)	LS	1.0	\$ 5,000.00	\$ 5,000.00	\$ 2,100.00	\$ 2,100.00	\$ 3,725.00	\$ 3,725.00
42	Wind Cone Removal (L-107)	EA	4	\$ 1,500.00	\$ 6,000.00	\$ 860.00	\$ 3,440.00	\$ 1,539.00	\$ 6,156.00
43	L-806(L) Style I-B, Size 1, 2.8 to 6.6 Amp Lighted Supplemental	EA	3	\$ 12,500.00	\$ 37,500.00	\$ 5,681.00	\$ 17,043.00	\$ 11,407.00	\$ 34,221.00
44	L-807(L) Style I-B, Size 2, 120VAC Lighted Primary Windcone (L	EA	1.0	\$ 15,000.00	\$ 15,000.00	\$ 7,142.00	\$ 7,142.00	\$ 13,745.00	\$ 13,745.00
SUBTOTAL SCHEDULE A :				\$ 2,523,911.50	\$ 2,523,911.50	\$ 1,318,817.25	\$ 1,318,817.25	\$ 2,009,062.50	\$ 2,009,062.50
Washington State Sales Tax (8.6%)				\$ 217,056.39	\$ 217,056.39	\$ 113,418.28	\$ 113,418.28	\$ 172,779.38	\$ 172,779.38
TOTAL CONSTRUCTION COST SCHEDULE A :				\$ 2,740,967.89	\$ 2,740,967.89	\$ 1,432,235.53	\$ 1,432,235.53	\$ 2,181,841.88	\$ 2,181,841.88

		No math errors	No math errors
Bidder's Checklist			
1	Evidence of Competency	x	x
	Evidence of Financial Responsibility	x	x
2	Proposal	x	x
3	Addenda	x	x
4	Non-segregated facilities	x	x
5	EEO Clause	x	x
6	DBE Utilization Form	x	x
7	Letter of Intent (if applicable)	x	x
8	Restrictions of Federal PW Projects	x	x
9	Bidder's Certification	x	x
10	Minimum Wage Compliance	x	x
11	Buy America	x	x
12	Completion of POB 'Small works roster' app	x	x
13	Bidder's Bond	x	x
14	Power of Attorney	x	x
15	Subcontractor Disclosure Form	x	x
16	Bidder's List	x	x
15	Submitted on Time/Signed	x	x