

SAINT PAUL AIRPORT FEEDER

June 27, 2022

CONSTRUCTION BID SHEET - IFR

Project(s):
EPS 22-0130

SAINT PAUL #:AK0080-A84



Status	Assembly Unit	Description	Bid Quantity	Adjusted Const. Quantity	Unit of Meas.	Labor (P.U.)	Total Labor	POTELCOM Material (P.U.)	Total Material	Total Labor & Material
INSTALL										
I	#1/0 CONC 15	1/0 CONC 15KV AL, FULL NEUTRAL, 133% INSULATION (FEET)	5592		FT	\$ 6.08	\$ 340,431.36	\$ 6.41	\$ 358,908.72	\$ 699,340.08
I	FIBER	OPTICAL FIBER - 48 COUNT, UNDERGROUND, Altos #048EU4-T4701D20	14484		FT	\$ 6.08	\$ 88,062.72	\$ 0.95	\$ 13,759.80	\$ 101,822.52
I	UM1-1G	See Note #1. PAD, THREE PHASE 600A SWITCH CABINET, 15KV PME	1		EA	\$ 3,314.32	\$ 3,314.32	\$ 5,926.93	\$ 5,926.93	\$ 9,241.25
I	UM31F-B-3	1PH FIBERGLASS DIRECT BURY CABLE JUNCTION PEDESTAL, 3-WAY, 200A, POWER DESI	1		EA	\$ 2,761.94	\$ 2,761.94	\$ 1,645.38	\$ 1,645.38	\$ 4,407.32
I	UM33F-B-3	3PH FIBERGLASS DIRECT BURY CABLE JUNCTION PEDESTAL, 3-WAY, 200A, POWER DESI	3		EA	\$ 2,761.94	\$ 8,285.82	\$ 3,369.62	\$ 10,108.86	\$ 18,394.68
I	UM3E-3X-9SD	See Note #2 3PH SS SWITCH CAB, SOLID DIELECTRIC, TWO MO SWITCHES, TWO FUES,	1		EA	\$ 4,142.90	\$ 4,142.90	\$ 230,769.23	\$ 230,769.23	\$ 234,912.13
I	UG17-3-150-B	3PH PAD MOUNTED TRANSFORMER LOOP FEED W/ RADIAL (480Y/277V, 150 KVA)	1		EA	\$ 3,314.32	\$ 3,314.32	\$ 28,424.88	\$ 28,424.88	\$ 31,739.20
I	UG17-3-150SS-D	STAINLESS 3PH PAD-MOUNT TRANS, LOOP FEED W/ RADIAL (480V DELTA, 150 KVA)	1		EA	\$ 3,314.32	\$ 3,314.32	\$ 40,444.75	\$ 40,444.75	\$ 43,759.07
I	UG17-3-300-B	3PH PAD-MOUNT TRANS, LOOP FEED W/ RADIAL (480Y/277V, 300 KVA)	1		EA	\$ 3,866.71	\$ 3,866.71	\$ 35,105.43	\$ 35,105.43	\$ 38,972.14
I	UM50-H-1.25	CONDUIT, 1.25" HDPE - SCHEDULE 40 (FEET)	13934		FT	\$ 3.31	\$ 46,121.54	\$ 1.43	\$ 19,925.62	\$ 66,047.16
I	UM50-H-4	CONDUIT, 4" HDPE - SCHEDULE 40 (FEET)	18304		FT	\$ 4.97	\$ 90,970.88	\$ 6.12	\$ 112,020.48	\$ 202,991.36
I	FBR445SS	ELBOW, CONDUIT 4" FIBERGLASS SHORT SWEEP 45°	24		EA	\$ 276.19	\$ 6,628.56	\$ 136.17	\$ 3,268.08	\$ 9,896.64
I	RSC1.2590SS	ELBOW, CONDUIT 1.25" RIGID STEEL SHORT SWEEP 90°	22		EA	\$ 276.19	\$ 6,076.18	\$ 19.13	\$ 420.86	\$ 6,497.04
I	RSC245SS	ELBOW, CONDUIT 2" RIGID STEEL SHORT SWEEP 45°	2		EA	\$ 276.19	\$ 552.38	\$ 36.45	\$ 72.90	\$ 625.28
I	UM6-1-A	LOAD BREAK ELBOW (200A) - FOR #1/0 CONC 15KV AL, FULL NEUTRAL, 133% INSULAT	75		EA	\$ 690.48	\$ 51,786.00	\$ 72.00	\$ 5,400.00	\$ 57,186.00
I	UR2	TRENCH, PRIMARY OR SECONDARY (24"W X 48"D) (FEET)	17496		FT	\$ 20.71	\$ 362,342.16			\$ 362,342.16
I	FIBER-HH	See Note #1. FIBEROPTIC HAND HOLE	10		EA	\$ 3,314.32	\$ 33,143.20	\$ 2,460.00	\$ 24,600.00	\$ 57,743.20

RETIRE										
R	#1/0 CONC 15	1/0 CONC 15KV AL, FULL NEUTRAL, 133% INSULATION (FEET)	2154		FT	\$ 1.38	\$ 2,972.52			\$ 2,972.52
R	#2 CONC 5	#2 CONC 5KV AL, FULL NEUTRAL, 133% INSULATION (FEET)	585		FT	\$ 1.38	\$ 807.30			\$ 807.30
R	#2/0 CONC 15 NJ	#2/0 CONC 15KV AL NON-JACKETED	46514		FT	\$ 0.55	\$ 25,582.70			\$ 25,582.70
R	#4/0 CONC 15	4/0 CONC 15KV AL, 1/3 NEUTRAL, 133% INSULATION (FEET)	180		FT	\$ 1.38	\$ 248.40			\$ 248.40
R	UM1-1B	PAD, THREE PHASE TRANSFORMER/SECTIONALIZER 75-750 KVA (78"x72"x24")	1		EA	\$ 1,657.16	\$ 1,657.16			\$ 1,657.16
R	UM1-1D	PAD, THREE PHASE 600A SWITCH CABINET	1		EA	\$ 1,657.16	\$ 1,657.16			\$ 1,657.16
R	UM3E-3X-312	3PH PAD MOUNTED SWITCH CABINET, ONE SWITCH, TWO FUSE, 600A, 15KV	1		EA	\$ 1,657.16	\$ 1,657.16			\$ 1,657.16
R	UG17-3-150-B	3PH PAD MOUNTED TRANSFORMER LOOP FEED W/ RADIAL (480Y/277V, 150 KVA)	1		EA	\$ 1,657.16	\$ 1,657.16			\$ 1,657.16
R	UG17-3-300-B	3PH PAD-MOUNT TRANS, LOOP FEED W/ RADIAL (480Y/277V, 300 KVA)	1		EA	\$ 1,657.16	\$ 1,657.16			\$ 1,657.16
R	UG17-3-500-B	3PH PAD MOUNTED TRANSFORMER LOOP FEED W/ RADIAL (480Y/277V, 500 KVA)	1		EA	\$ 2,209.55	\$ 2,209.55			\$ 2,209.55
R	UM6-1-A	LOAD BREAK ELBOW (200A) - FOR #1/0 CONC 15KV AL, FULL NEUTRAL, 133% INSULAT	15		EA	\$ 276.19	\$ 4,142.85			\$ 4,142.85
R	UM6-1-H	LOAD BREAK ELBOW (200A) - FOR #2/0 CON 15KV AL, NON-JACKETED	36		EA	\$ 276.19	\$ 9,942.84			\$ 9,942.84

REMOVE & REINSTALL										
RR	UG17-3-500-B	3PH PAD MOUNTED TRANSFORMER LOOP FEED W/ RADIAL (480Y/277V, 500 KVA)	1		EA	\$ 6,904.84	\$ 6,904.84			\$ 6,904.84

EPC MOB	\$ 22,095.48			
EPC DEMOB	\$ 22,095.48			
POTELCOM MATERIAL FREIGHT, SEATTLE TO SAINT PAUL	\$ -	\$ 74,990.09		
CONTINGENCY (10%)	\$ 116,040.31	\$ 96,579.20	\$ 200,701.40	
TOTAL	\$ 1,276,443.38	\$ 1,062,371.21	\$ 2,207,715.43	

NOTES:

- PAD MATERIAL PRICES ARE FOR FIBERGLASS SINCE THE PLANNED CONCRETE PADS WILL NOT BE AVAILABLE AS THE FREIGHT WILL SKIP ANCHORAGE. PRICE FOR S&C VISTA SWITCH PAD SHOWN.
- FULL AUTOMATIC S&C 6/6/2022 QUOTE OF \$230,769.23 SHOWN. G&W FULL AUTOMATIC QUOTE OF \$220,538.67 DOES NOT INCLUDE SHIPPING. ASSUMED G&W SAVINGS OF \$10,230.56 EQUALS SHIPPING. MAUAL S&C SWITCH QUOTE OF \$200,000 SAVES \$30,769.23 OVER FULL AUTOMATIC. MANUAL G&W SWITCH QUOTE IS \$197,406.67, SAVES \$23,132.00 OVER FULL G&W AUTOMATIC, BUT DOES NOT INCLUDE SHIPPING.

ADDITIVE ALTERNATE FOR DPW-WATER FIBER										
I	AA-FIBER	ADDITIVE ALTERNATE, OPTICAL FIBER - 48 COUNT, UNDERGROUND, Altos #048EU4-T4	2924		FT	\$ 6.08	\$ 17,777.92	\$ 0.95	\$ 2,777.80	\$ 20,555.72
I	AA-UM50-H-1.25	ADDITIVE ALTERNATE, CONDUIT, 1.25" HDPE - SCHEDULE 40 (FEET)	2774		FT	\$ 3.31	\$ 9,181.94	\$ 1.43	\$ 3,966.82	\$ 13,148.76
I	AA-RSC1.2590SS	ADDITIVE ALTERNATE, ELBOW, CONDUIT 1.25" RIGID STEEL SHORT SWEEP 90°	6		EA	\$ 276.19	\$ 1,657.14	\$ 19.13	\$ 114.78	\$ 1,771.92
I	AA-UR2	ADDITIVE ALTERNATE, TRENCH, PRIMARY OR SECONDARY (24"W X 48"D) (FEET)	150		FT	\$ 20.71	\$ 3,106.50			\$ 3,106.50
							TOTAL	\$ 31,723.50	\$ 6,859.40	\$ 38,582.90
							TOTAL	\$ 1,308,166.88	\$ 1,069,230.61	\$ 2,246,298.33