PROJECT ID: Victorville 500KV Switching Station 17300 National Trails Highway Victorville,CA 92394

SCOPE:

CLIENT'S INFORMATION:
CONTACT:
E-MAIL ADDRESS:
PHONE NUMBER:
Date: 21-Aug-23

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST	EA (Each Area)	LF (Linear Feet)	Height	W (With)	SF (Square Feet)	CY (Cubic Yard)	LBS	LS
		GENERAL REQUIREMENTS																
1		Supervision	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
2		Permits	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
3		Final Clean-up	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
4		Mobilization Costs	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
5		Project Overheads	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
6		Bonds	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
7		Temporary Control & Facilities	1	LS	0.00	$0.00	$0.00	$0.00	$0.00									
		Scaffolding				$0.00												
		Subtotal (General Requirements)								$0								
		DIVISION 02- SITE WORK/ EXISTING CONDITIONS																
		Line 1																
		Demo Line 1																
8		Electrical Pad, Foundation & Footing	4014.95	SF	120.45	$1.68	$0.00	$1.68	$6,745.12									
9		6 GA. Vinyl-Clad Gal. Steel Chain Link W/ 2" Mesh Fence demo	557	LF	55.67	$3.36	$0.00	$3.36	$1,870.44									
10		Double Panel Fence Gates	2	EA	2.40	$201.00	$0.00	$201.00	$402.00									
11		Single Panel Fence Gates	1	EA	1.20	$201.00	$0.00	$201.00	$201.00									
12		Pole Removal	28	EA	18.68	$52.08	$0.00	$52.08	$1,458.24									
		Site Plan Line 1																
13		6 GA. Vinyl-Clad Gal. Steel Chain Link W/ 2" Mesh Fence	529.67	LF	52.97	$6.98	$30.57	$37.55	$19,889.11									
14		(20'x8') Double Panel Fence Gates	2	EA	44.12	$1,636.50	$908.00	$2,544.50	$5,089.00									
15		(10'x8') Single Panel Fence Gates	1	EA	7.50	$534.22	$548.00	$1,082.22	$1,082.22									
16		6" Thick Concrete Aggregate No.3	46709.2	SF	3316.35	$2.92	$4.19	$7.11	$332,102.41				0.5		46709.2	864.9851852		
17		Concrete Electrical Pad	1554.28	SF	110.35	$2.92	$4.19	$7.11	$11,050.93									
18		Light Pole	8	EA	54.40	$590.70	$640.00	$1,230.70	$9,845.60									
19		6" Gravel	5596	CY	44.77	$1.41	$6.11	$7.52	$42,080.25				0.5		50362	932.6296296		
		Duct Bank																
20		1'6"x 1'8" Duct Bank	19	LF	0.63	$2.55	$5.41	$7.96	$151.24									
		Conduits																
21		3" Conduit	57	LF	3.00	$2.46	$2.84	$5.30	$302.23									
22		2" Dia Conduit	19	LF	0.98	$2.33	$2.64	$4.97	$94.47									
23		311 Conduit	29.24	LF	1.51	$2.33	$2.64	$4.97	$145.39									
24		312 Conduit	31.96	LF	1.65	$2.33	$2.64	$4.97	$158.91									
25		313 Conduit	32.2	LF	1.11	$1.56	$0.70	$2.26	$72.66									
26		314 Conduit	101.21	LF	5.22	$2.33	$2.64	$4.97	$503.24									
27		315 Conduit	29.49	LF	1.52	$2.33	$2.64	$4.97	$146.63									
28		316 Conduit	29.84	LF	1.54	$2.33	$2.64	$4.97	$148.37									
29		328 Conduit	106.63	LF	5.50	$2.33	$2.64	$4.97	$530.19									
30		329 Conduit	31.53	LF	1.63	$2.33	$2.64	$4.97	$156.77									
31		330 Conduit	31.74	LF	1.64	$2.33	$2.64	$4.97	$157.82									
32		331 Conduit	34.91	LF	1.80	$2.33	$2.64	$4.97	$173.58									
33		332 Conduit	35.12	LF	1.81	$2.33	$2.64	$4.97	$174.62									
34		333 Conduit	42.67	LF	2.20	$2.33	$2.64	$4.97	$212.16									
35		334 Conduit	35.52	LF	1.83	$2.33	$2.64	$4.97	$176.61									
36		335 Conduit	35.19	LF	1.82	$2.33	$2.64	$4.97	$174.97									
37		336 Conduit	44.2	LF	2.28	$2.33	$2.64	$4.97	$219.77									
38		1005 Conduit	79.94	LF	4.12	$2.33	$2.64	$4.97	$397.48									
39		1006 Conduit	73.37	LF	3.79	$2.33	$2.64	$4.97	$364.81									
40		1007 Conduit	49.6	LF	2.56	$2.33	$2.64	$4.97	$246.62									
41		1008 Conduit	49.52	LF	2.56	$2.33	$2.64	$4.97	$246.22									
42		1009 Conduit	100.84	LF	5.20	$2.33	$2.64	$4.97	$501.40									
43		1010 Conduit	131.93	LF	6.81	$2.33	$2.64	$4.97	$655.98									
44		1011 Conduit	58.75	LF	3.03	$2.33	$2.64	$4.97	$292.12									
45		1012 Conduit	66.92	LF	3.45	$2.33	$2.64	$4.97	$332.74									
46		1013 Conduit	31.6	LF	1.63	$2.33	$2.64	$4.97	$157.12									
47		1014 Conduit	53.25	LF	2.75	$2.33	$2.64	$4.97	$264.77									
48		1015 Conduit	161	LF	8.31	$2.33	$2.64	$4.97	$800.52									
49		1016 Conduit	87.21	LF	4.50	$2.33	$2.64	$4.97	$433.63									
50		1017 Conduit	42.07	LF	2.17	$2.33	$2.64	$4.97	$209.18									
51		1018 Conduit	10.9	LF	0.56	$2.33	$2.64	$4.97	$54.20									
52		1019 Conduit	31.52	LF	1.63	$2.33	$2.64	$4.97	$156.72									
53		1020 Conduit	49.74	LF	2.57	$2.33	$2.64	$4.97	$247.32									
54		1021 Conduit	48.73	LF	2.51	$2.33	$2.64	$4.97	$242.30									
55		1022 Conduit	56.34	LF	2.91	$2.33	$2.64	$4.97	$280.13									
56		1023 Conduit	49.76	LF	2.57	$2.33	$2.64	$4.97	$247.42									
57		1329 Conduit	100.46	LF	5.18	$2.33	$2.64	$4.97	$499.51									
58		1339 Conduit	15.19	LF	0.78	$2.33	$2.64	$4.97	$75.53									
59		1340 Conduit	48.76	LF	2.52	$2.33	$2.64	$4.97	$242.44									
60		1341 Conduit	49.76	LF	2.57	$2.33	$2.64	$4.97	$247.42									
61		1342 Conduit	49.74	LF	2.57	$2.33	$2.64	$4.97	$247.32									
62		1343 Conduit	55.21	LF	2.85	$2.33	$2.64	$4.97	$274.52									
63		1344 Conduit	55.1	LF	2.84	$2.33	$2.64	$4.97	$273.97									
		Electrical Grounding Plan L1																
64		20' Deep Ground Rod	374	EA	748.00	$153.23	$87.52	$240.75	$90,040.50									
65		Grounding Mat, 3"-3" #6 Wire Mesh	5	EA	28.00	$145.95	$168.32	$314.27	$1,571.35									
66		Grounding Mat, 12"-12" #6 Wire Mesh	49	EA	274.40	$145.95	$168.32	$314.27	$15,399.23									
67		Connector, Grounding Insert, Flat Bar To Ground Cable 500KCMIL, Cadweld	15	EA	7.50	$38.02	$20.59	$58.61	$879.15									
68		Cable, Bare, CU, #4 MHD	367	LF	2.20	$0.27	$1.70	$1.97	$724.35									
		Line 2																
		Demo Line 2																
69		Pole Removal	9	EA	6.00	$52.08	$0.00	$52.08	$468.72									
		Site Plan Line 2																
70		6 GA. Vinyl-Clad Gal. Steel Chain Link W/ 2" Mesh Fence(	485.33	LF	48.53	$6.98	$30.57	$37.55	$18,224.14									
71		(20'x8') Double Panel Fence Gates	2	EA	44.12	$1,636.50	$908.00	$2,544.50	$5,089.00									
72		(10'x8') Single Panel Fence Gates	1	EA	7.50	$534.22	$548.00	$1,082.22	$1,082.22									
73		6" Thick Concrete Aggregate No.3	33299.01	SF	2364.23	$2.92	$4.19	$7.11	$236,755.96				0.5		33299.01	616.6483333		
74		Concrete Electrical Pad	1557.13	SF	110.56	$2.92	$4.19	$7.11	$11,071.19									
75		Light Pole	8	EA	54.40	$590.70	$640.00	$1,230.70	$9,845.60									
76		6" Gravel	4570	SY	36.56	$1.41	$6.11	$7.52	$34,366.40				0.5		41130	761.6666667		
		Duct Bank																
77		1' 1""x 2'9" Duct Bank	82	LF	2.71	$2.55	$5.41	$7.96	$652.72									
		Electrical Conduit Plan Line 2																
78		4" Dia Conduit	973.72	LF	60.95	$3.33	$3.84	$7.17	$6,983.71									
79		1234 Conduit	33.02	LF	1.14	$1.56	$0.70	$2.26	$74.51									
80		1113 Conduit	37.12	LF	1.28	$1.56	$0.70	$2.26	$83.76									
81		1114 Conduit	65.9	LF	2.28	$1.56	$0.70	$2.26	$148.71									
82		1115 Conduit	31.78	LF	1.10	$1.56	$0.70	$2.26	$71.71									
83		1116 Conduit	69.9	LF	2.42	$1.56	$0.70	$2.26	$157.74									
84		1117 Conduit	10.42	LF	0.36	$1.56	$0.70	$2.26	$23.51									
85		1118 Conduit	42.03	LF	1.45	$1.56	$0.70	$2.26	$94.84									
86		1119 Conduit	28.33	LF	0.98	$1.56	$0.70	$2.26	$63.93									
87		1120 Conduit	13.99	LF	0.48	$1.56	$0.70	$2.26	$31.57									
88		1121 Conduit	50.56	LF	1.75	$1.56	$0.70	$2.26	$114.09									
89		1122 Conduit	36.08	LF	1.25	$1.56	$0.70	$2.26	$81.42									
90		1123 Conduit	61.81	LF	2.14	$1.56	$0.70	$2.26	$139.48									
91		1124 Conduit	32.9	LF	1.14	$1.56	$0.70	$2.26	$74.24									
92		1125 Conduit	72.59	LF	2.51	$1.56	$0.70	$2.26	$163.81									
93		1126 Conduit	36.47	LF	1.26	$1.56	$0.70	$2.26	$82.30									
94		1127 Conduit	41.94	LF	1.45	$1.56	$0.70	$2.26	$94.64									
95		1128 Conduit	49.79	LF	1.72	$1.56	$0.70	$2.26	$112.36									
96		1129 Conduit	50.02	LF	1.73	$1.56	$0.70	$2.26	$112.88									
97		1130 Conduit	379.2	LF	13.12	$1.56	$0.70	$2.26	$855.70									
98		1131 Conduit	379.2	LF	13.12	$1.56	$0.70	$2.26	$855.70									
99		1132 Conduit	379.2	LF	13.12	$1.56	$0.70	$2.26	$855.70									
100		1135 Conduit	379.2	LF	13.12	$1.56	$0.70	$2.26	$855.70									
101		1134 Conduit	307.49	LF	10.64	$1.56	$0.70	$2.26	$693.88									
102		1133 Conduit	307.49	LF	10.64	$1.56	$0.70	$2.26	$693.88									
103		1137 Conduit	165.4	LF	5.72	$1.56	$0.70	$2.26	$373.24									
104		1136 Conduit	165.4	LF	5.72	$1.56	$0.70	$2.26	$373.24									

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SCOPE:

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Date: 21-Aug-23

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST	EA (Each Area)	LF (Linear Feet)	Height	W (With)	SF (Square Feet)	CY (Cubic Yard)	LBS	LS
105		1140 Conduit	11.09	LF	0.38	$1.56	$0.70	$2.26	$25.03									
106		1141 Conduit	49.95	LF	1.73	$1.56	$0.70	$2.26	$112.72									
107		1142 Conduit	43.29	LF	1.50	$1.56	$0.70	$2.26	$97.69									
108		1143 Conduit	31.61	LF	1.09	$1.56	$0.70	$2.26	$71.33									
109		1144 Conduit	31.89	LF	1.10	$1.56	$0.70	$2.26	$71.96									
110		1146 Conduit	29.62	LF	1.02	$1.56	$0.70	$2.26	$66.84									
111		1147 Conduit	29.89	LF	1.03	$1.56	$0.70	$2.26	$67.45									
112		1148 Conduit	69.14	LF	2.39	$1.56	$0.70	$2.26	$156.02									
113		1230 Conduit	32.58	LF	1.13	$1.56	$0.70	$2.26	$73.52									
114		1231 Conduit	32.04	LF	1.11	$1.56	$0.70	$2.26	$72.30									
115		1232 Conduit	51.05	LF	1.77	$1.56	$0.70	$2.26	$115.20									
116		1235 Conduit	32.28	LF	1.12	$1.56	$0.70	$2.26	$72.84									
117		1236 Conduit	52.16	LF	1.80	$1.56	$0.70	$2.26	$117.70									
		Electrical Grounding Plan L2																
118		20' Deep Ground Rod	330	EA	660.00	$153.23	$87.52	$240.75	$79,447.50									
119		Grounding Mat, 3"-3" #6 Wire Mesh	5	EA	28.00	$145.95	$168.32	$314.27	$1,571.35									
120		Grounding Mat, 12"-12" #6 Wire Mesh	48	EA	268.80	$145.95	$168.32	$314.27	$15,084.96									
121		Connector, Grounding Insert, Flat Bar To Ground Cable 500KCMIL, Cadweld	15	EA	7.50	$38.02	$20.59	$58.61	$879.15									
122		Cable, Bare, CU, #4 MHD	470	LF	2.82	$0.27	$1.70	$1.97	$927.64									
		Subtotal (General Requirements)								**$982,975**								
		DIVISION 31- Earthwork																
		Victorville																
123		Cut	1467.83	CY	3302.62	$75.61	$0.00	$75.61	$110,982.63									
124		Fill	2463.17	CY	1539.48	$21.00	$0.00	$21.00	$51,726.57									
125		Total Import	995.34	CY	398.14	$22.02	$27.14	$49.16	$48,930.91									
		Subtotal (Electrical)								**$211,640**								

SUBTOTAL		**$1,194,615.46**
OVERHEAD	**20%**	**$238,923.09**
INSURANCE	**3%**	**$35,838.46**
CONTINGENCY	**5%**	**$59,730.77**
TOTAL BASE BID		**$1,529,107.78**

Note: