

ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT ITEM COST WITH MARKUPS	TOTAL ITEM COST WITH MARKUPS																				
Estimate of Materials and Cost of Construction CLICK HERE TO GO BACK TO COST SUMMARY Sub-Total \$ 48,068 Material Tax 8.25% \$ 1,909 (Adjust the percentage for Material tax as required) Overhead & Profit / Inflation (Material) 10% \$ 2,313 (Adjust the percentage for Overhead & Profit as required) Overhead & Profit (Labor) 20% \$ 4,987 (Adjust the percentage for Overhead & Profit as required) Bond Fee 1.5% \$ 859 (Adjust the percentage for Bond Fee as required) Total Bid \$ 58,136 Material Wastage 1 0% (for Quantities in Each & LS) Material Wastage 2 5% (for Quantities in LF, SF, SY, CY, LBS, TONS) (Changing the wastage percentage here will update the wastage for whole tab) Note: To change hourly rates for any trade please go to "Hourly Rates" Tab Date: 2/8/2024 Project: Construct Colorado River District Barn and Tack Shed Project Location: Rocky Mountain National Park, CO Project Type: Public (Prevailing wages) Gross Internal Area of Structure (SF) 3,224 Covered Area of Structure (SF) 3,224 No. of Units 1 No. of Floors Hardscaping Area (SF) Soft scaping Area (SF) <tr><td>ITEM #</td><td>REF. SHEET</td><td>DETAIL</td><td>CSI SECT</td><td>Sub Contractor</td><td>DESCRIPTION</td><td>QTY.</td><td>WASTAGE</td><td>QTY WITH WASTAGE</td><td>UNIT</td><td>UNIT LABOR HOURS</td><td>TOTAL LABOR HOURS</td><td>PER HOUR LABOR RATE</td><td>TOTAL LABOR COST</td><td>UNIT MATERIAL COST</td><td>TOTAL MATERIAL COST</td><td>ITEM COST</td><td>TRADE COST</td><td>UNIT COST WITH MARKUPS</td><td>TOTAL COST WITH MARKUPS</td></tr>																				ITEM #	REF. SHEET	DETAIL	CSI SECT	Sub Contractor	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	TOTAL LABOR HOURS	PER HOUR LABOR RATE	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST	UNIT COST WITH MARKUPS	TOTAL COST WITH MARKUPS
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			DIV-27		Communications												\$ 44,336		
1	T1.0	T0.0	DIV-27	Communication	4-Port Faceplate Telecommunication Outlet	7		7	EA	0.713	4.99	\$ 77.8	\$ 387.8	\$ 5.7	\$ 39.9	\$ 428		\$ 74.32	\$ 520
2	T1.0	T6.0	DIV-27	Communication	6"x6"x4" Plenum Rated Box	2		2	EA	2.515	5.03	\$ 77.8	\$ 391.1	\$ 118.6	\$ 237.2	\$ 628		\$ 380.55	\$ 761
3	T6.1	T6.1	DIV-27	Communication	(24" X 16") NEMA 4 Junction Box	2		2	EA	3.025	6.05	\$ 77.8	\$ 470.4	\$ 696.0	\$ 1,391.9	\$ 1,862		\$ 1,121.81	\$ 2,244
4	T1.0	T1.0	DIV-27	Communication	Telecommunication Primary Bonding Bar Compliant W/ ANS/TIA-607 - PBB Manuf: CPI Part Number: 40153-020	1		1	EA	2.783	2.78	\$ 77.8	\$ 216.4	\$ 471.5	\$ 471.5	\$ 688		\$ 829.48	\$ 829
5	T1.0	T5.0	DIV-27	Communication	Wall Mount Swing gate Rack, EIA, 19-Inch Wide , Black, 26RU - RR3 Rack Manuf: CPI Part Number: 11807-725	1		1	EA	3.038	3.04	\$ 77.8	\$ 236.2	\$ 594.3	\$ 594.3	\$ 831		\$ 1,001.01	\$ 1,001
6	T1.0	T5.0	DIV-27	Communication	Horizontal Wire Manage, 2U, 5" Deep - RH2 Manuf: CPI Part Number: 35441-702	1		1	EA	2.135	2.14	\$ 77.8	\$ 166.0	\$ 85.9	\$ 85.9	\$ 252		\$ 305.30	\$ 305
7	T1.0	T5.0	DIV-27	Communication	1 RU Fiber Panel Manuf: Corning Part Number: CCH-011U	1		1	EA	2.635	2.64	\$ 77.8	\$ 204.9	\$ 334.7	\$ 334.7	\$ 540		\$ 651.26	\$ 651
8	T1.0	T5.0	DIV-27	Communication	Cat 6A Patch Panel, 48Ports, 2RU, Clack, Flat Manuf: Commscope Part Number: UNP-6A-DM-2U-48	1		1	EA	2.813	2.81	\$ 77.8	\$ 218.7	\$ 499.0	\$ 499.0	\$ 718		\$ 865.30	\$ 865
9	T1.0	T5.0	DIV-27	Communication	PDJ, Horizontal, 120V Input, (16) 5-20 Outlets (Power Distribution Device - SP1) Manuf: Tripplite Part Number: PDUHMH20ATS	1		1	EA	2.963	2.96	\$ 77.8	\$ 230.4	\$ 551.9	\$ 551.9	\$ 782		\$ 942.98	\$ 943
10	T1.0	T1.0	DIV-27	Communication	Principal Ground Point	1		1	EA	0.803	0.80	\$ 77.8	\$ 62.4	\$ 35.9	\$ 35.9	\$ 98		\$ 119.08	\$ 119
11	T5.0	T5.0	DIV-27	Communication	Fiber Patch Cords Manuf: Commscope Part Number: FEWCLCA2	6		6	EA	0.813	4.88	\$ 77.8	\$ 379.1	\$ 42.2	\$ 253.1	\$ 632		\$ 127.59	\$ 766
					Wiring & Conduits														
12	T1.0	T5.0	DIV-27	Communication	(1" Dia) Electrical Metallic Tubing (EMT) Conduits for Telecom Outlets	318	5%	334	LF	0.068	22.71	\$ 77.8	\$ 1,765.6	\$ 1.9	\$ 647.8	\$ 2,413		\$ 9.21	\$ 2,928
13	T1.0	T5.0	DIV-27	Communication	CAT 6A Cable, Plenum, UTP for Telecom outlets Manuf: Compscope Part Number: C544P	1,272	5%	1,336	LF	0.01	13.36	\$ 77.8	\$ 1,038.6	\$ 1.3	\$ 1,789.7	\$ 2,828		\$ 2.68	\$ 3,413
		T5.0	DIV-27	Communication	(1" Dia) Electrical Metallic Tubing (EMT) Conduits for WAP	112	5%	118	LF	0.068	8.00	\$ 77.8	\$ 621.8	\$ 1.9	\$ 228.1	\$ 850		\$ 9.21	\$ 1,031
		T5.0	DIV-27	Communication	CAT 6A Cable, Plenum, UTP forWAP Manuf: Compscope Part Number: C544P	212	5%	223	LF	0.01	2.23	\$ 77.8	\$ 173.1	\$ 1.3	\$ 298.3	\$ 471		\$ 2.68	\$ 569
14	T1.0	T5.0	DIV-27	Communication	(1" Dia) Flexible Conduit	6	5%	6	LF	0.071	0.45	\$ 77.8	\$ 34.8	\$ 1.5	\$ 9.2	\$ 44		\$ 8.91	\$ 53
15	T0.2, T6.1	T0.2, T6.1	DIV-27	Communication	(4" Dia) PVC SCH 40 Conduits	840	5%	882	LF	0.096	84.71	\$ 77.8	\$ 6,587.2	\$ 5.9	\$ 5,176.8	\$ 11,764		\$ 16.94	\$ 14,237
16	T0.2, T6.1	T0.2, T6.1	DIV-27	Communication	12 Strand MM (OM4) Fiber, OSR/SP, Plenum, Loose Tube Manuf: Corning Part Number: 012TSP-T4190020	840	5%	882	LF	0.02	17.65	\$ 77.8	\$ 1,372.3	\$ 6.0	\$ 5,294.5	\$ 6,667		\$ 9.55	\$ 8,026
17	T0.2, T6.1	T0.2, T6.1	DIV-27	Communication	(4" Dia) PVC SCH 40 Conduits (Spare)	840	5%	882	LF	0.096	84.71	\$ 77.8	\$ 6,587.2	\$ 5.9	\$ 5,176.8	\$ 11,764		\$ 16.94	\$ 14,237
18	T6.0	T6.0	DIV-27	Communication	#6AWG Green Copper Grounding Conductor	20	5%	21	LF	0.035	0.74	\$ 77.8	\$ 57.2	\$ 0.9	\$ 18.1	\$ 75		\$ 4.56	\$ 91
			DIV-31		Earthwork												\$ 3,732		
19	T6.1	T6.1	DIV-31	Earth worker	Excavation Excavation for Underground Telecom Conduits	62	5%	65	CY	0.24	15.68	\$ 123.6	\$ 1,938.0	\$ -	\$ 1,938			\$ 37.94	\$ 2,361
20	T6.1	T6.1	DIV-31	Earth worker	Backfill Backfill	61	5%	64	CY	0.2	12.81	\$ 123.6	\$ 1,583.3	\$ -	\$ 1,583			\$ 31.61	\$ 1,928
21	T6.1	T6.1	DIV-31	Earth worker	Soil Export (Pluff Factor Applied)	2	5%	2	CY	1.00	1.71	\$ 123.6	\$ 211.0	\$ -	\$ 211			\$ 158.07	\$ 257
SUB TOTAL										Total Lab. Hours = 303		Total Lab. Cost = \$ 24,933		Total Mat. Cost = \$ 23,135		\$ 48,068	\$ 48,068	\$ 58,136	\$ 58,136
MATERIAL TAX										8.3%		\$ 1,909		\$ 1,909		\$ 1,909			
OVERHEAD & PROFIT / INFLATION (Material)										10%		\$ 2,313		\$ 2,313		\$ 2,313			
OVERHEAD & PROFIT (Labor)										20%		\$ 4,987		\$ 4,987		\$ 4,987			
BOND FEE										1.5%		\$ 449		\$ 449		\$ 449			
TOTAL BASE BID												\$ 30,369		\$ 27,767		\$ 58,136		\$ 58,136	\$ 58,136