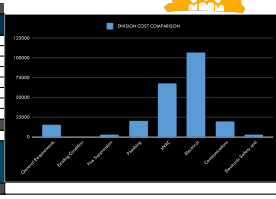


GENERAL SUMMARY

Prepared for: Design Within Reach 498 N Palm Canyon Dr, Ground Level, Suite R100 Palm Springs, CA 92262
 Project ID: 24072024
 Scope: MEP
 No. Of Floors: 1
 Date: 6-Sep-24



BUILDING GSF		6320	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SQ. FT.)
1000	General Requirements	\$ 15,500	\$
2000	Existing Condition	\$ 200	\$ 0.03
21000	Fire Suppression	\$ 2,871	\$ 0.45
22000	Plumbing	\$ 20,365	\$ 3.22
23000	HVAC	\$ 68,074	\$ 10.76
26000	Electrical	\$ 107,130	\$ 16.93
27000	Communications	\$ 19,748	\$ 3.12
28000	Electronic Safety and Security	\$ 3,217	\$ 0.51
TOTAL TRADE COST		\$ 237,106	\$ 37.41
OVERHEAD AND PROFIT		\$ 21,711	\$ 3.43
INSURANCE		\$ 7,143	\$ 1.13
CONTINGENCY		\$ 11,835	\$ 1.87
TAX		\$ -	\$ -
SUGGESTED BID		\$ 279,795	\$ 44.11



BREAKDOWN OF DUCT ITEMS

Design Within Reach 498 N Palm Canyon Dr, Ground Level,
Suite R100 Palm Springs, CA 92262

Prepared for:

Project ID: 24072024
Scope: MEP



Date: 6-Sep-24

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/WASTAGE
GAUVANIZED SHEET METAL DUCT					
HVAC					
1	6" Dia Supply Air Duct	LF	11	10%	12
2	8" Dia Supply Air Duct	LF	292	10%	321
3	10" Dia Supply Air Duct	LF	16	10%	17
4	10"x10" Supply Air Duct	LF	27	10%	30
5	12"x10" Supply Air Duct	LF	20	10%	22
6	12"x14" Supply Air Duct (Lined)	LF	10	10%	11
7	12"x14" Supply Air Duct	LF	45	10%	50
8	14"x10" Supply Air Duct	LF	33	10%	36
9	14"x12" Supply Air Duct (Lined)	LF	3	10%	3
10	14"x12" Supply Air Duct	LF	56	10%	62
11	16"x12" Supply Air Duct	LF	21	10%	24
12	18"x14" Supply Air Duct	LF	14	10%	16
13	20"x14" Supply Air Duct (Lined)	LF	47	10%	52
14	20"x14" Supply Air Duct	LF	125	10%	138
15	26"x14" Supply Air Duct	LF	11	10%	12
16	6" Dia Return Air Duct	LF	5	10%	5
17	8" Dia Return Air Duct	LF	27	10%	30
18	10" Dia Return Air Duct	LF	125	10%	138
19	12"x10" Return Air Duct	LF	55	10%	60
20	12"x12" Return Air Duct	LF	37	10%	41
21	14"x12" Return Air Duct	LF	106	10%	117
22	14"x14" Return Air Duct (Lined)	LF	10	10%	11
23	14"x14" Return Air Duct	LF	24	10%	26
24	16"x12" Return Air Duct	LF	34	10%	37
25	18"x12" Return Air Duct	LF	27	10%	30
26	18"x14" Return Air Duct	LF	26	10%	28
27	20"x14" Return Air Duct	LF	3	10%	4
28	26"x14" Return Air Duct (Lined)	LF	50	10%	55
29	26"x14" Return Air Duct	LF	70	10%	77
30	40"x14" Return Air Duct	LF	12	10%	14
31	8" Dia Outside Air Duct	LF	21	10%	23
32	10" Dia Outside Air Duct	LF	49	10%	54
33	12" Dia Outside Air Duct	LF	6	10%	6
34	14" Dia Outside Air Duct	LF	63	10%	69
35	16" Dia Outside Air Duct	LF	55	10%	61
36	6" Dia Exhaust Air Duct	LF	30	10%	33
37	8" Dia Exhaust Air Duct	LF	51	10%	57
38	8"-8" Exhaust Air Duct	LF	148	10%	163

DETAILED BREAKDOWN OF ITEMS

Prepared for: Design Within Reach 498 N Palm Canyon Dr, Ground Level, Suite R100 Palm Springs, CA 92262
 Project ID: 24072024
 Scope: MEP



SR.#	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
GENERAL REQUIREMENTS					
1			Permits	LS	1
2			Supervision and Coordination	LS	1
3			Submittals and Shop drawings	LS	1
4			Final Cleaning	LS	1
5			Mobilization Costs	LS	1
6			Temporary Control & Facilities	LS	1
7			Scaffolding	LS	1
EXISTING CONDITIONS					
RELOCATION					
8	P-101		Existing Floor Cleamout To Be Relocated	EA	1
FIRE SUPPRESSION					
SPRINKLER HEADS					
9			Concealed White Plate Sprinkler	EA	62
10	F-101		Brass Upright Sprinkler	EA	1
11			Side Wall Sprinkler	EA	4
PLUMBING					
COLD WATER PIPE (ABOVE GRADE)					
Type "L" Copper Pipe, ASTM B88					
12			1/2" Dia Cold Water Pipe	EA	1
13			3/4" Dia Cold Water Pipe	EA	0.4
14			1" Dia Cold Water Pipe	EA	0.3
1/2" Thick Flexible Elastomeric Insulation					
15			1/2" Dia Cold Water Pipe	EA	1
16			3/4" Dia Cold Water Pipe	EA	0.4
17			1" Dia Cold Water Pipe	EA	0.3
COLD WATER PIPE FITTINGS					
ELBOW					
18			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	25
19			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	4
20			1" Dia Cold Water Pipe 90 Deg Elbow	EA	3
TEE					
21			1/2" Dia Cold Water Pipe Tee	EA	2
22			3/4" Dia Cold Water Pipe Tee	EA	3
23			1" Dia Cold Water Pipe Tee	EA	1
24			3/4" 1/2" Dia Cold Water Pipe Tee	EA	3
25			1" 1/2" Dia Cold Water Pipe Tee	EA	1
26			1" 3/4" Dia Cold Water Pipe Tee	EA	1
REDUCER					
27			3/4" 1/2" Dia Cold Water Pipe Reducer	EA	2
28			1" 3/4" Dia Cold Water Pipe Reducer	EA	2
HOT WATER PIPE (ABOVE GRADE)					
Type "L" Copper Pipe, ASTM B88					
29			1/2" Dia Hot Water Pipe	EA	3
30			3/4" Dia Hot Water Pipe	EA	11
1" Thick Flexible Elastomeric Insulation					
31			1/2" Dia Hot Water Pipe	EA	3
32			3/4" Dia Hot Water Pipe	EA	11
HOT WATER PIPE FITTINGS					
ELBOW					
33			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	9
34			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	9
TEE					
35			3/4" Dia Hot Water Pipe Tee	EA	1
36			1 1/2" Dia Hot Water Pipe Tee	EA	3
HOT WATER RETURN PIPE (ABOVE GRADE)					
Type "L" Copper Pipe, ASTM B88					
37			3/4" Dia Hot Water Return Pipe	EA	5
1" Thick Flexible Elastomeric Insulation					
38			3/4" Dia Hot Water Return Pipe	EA	5
HOT WATER RETURN PIPE FITTINGS					
ELBOW					
39			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	4
TRAP PRIMER PIPE (ABOVE GRADE)					
Type "L" Copper Pipe, ASTM B88					
40			1/2" Dia Trap Primer Pipe	EA	2
TRAP PRIMER PIPE FITTINGS					
ELBOW					
41			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	4
SANITARY PIPE (BELOW GRADE)					
Schedule 40 PVC Pipe, ASTM D1785					
42			2" Dia Sanitary Pipe	EA	2
43			3" Dia Sanitary Pipe	EA	1
44			4" Dia Sanitary Pipe	EA	9
SANITARY PIPE FITTINGS					
ELBOW					
45			2" Dia Sanitary Pipe 90 Deg Elbow	EA	4
46			3" Dia Sanitary Pipe 90 Deg Elbow	EA	2
47			4" Dia Sanitary Pipe 90 Deg Elbow	EA	1
48			2" Dia Sanitary Pipe 45 Deg Elbow	EA	4
49			3" Dia Sanitary Pipe 45 Deg Elbow	EA	4
50			4" Dia Sanitary Pipe 45 Deg Elbow	EA	6
WYE					
51			3" Dia Sanitary Pipe Wye	EA	2
52			4" Dia Sanitary Pipe Wye	EA	7
53			4" 2" Dia Sanitary Pipe Wye	EA	4
54			4" 1" Dia Sanitary Pipe Wye	EA	2
REDUCER					
55			4" 2" Dia Sanitary Pipe Reducer	EA	2
56			4" 1" Dia Sanitary Pipe Reducer	EA	2
SANITARY PIPE (ABOVE GRADE)					
Schedule 40 PVC Pipe, ASTM D1785					
57			2" Dia Sanitary Pipe	EA	1
SANITARY PIPE FITTINGS					
ELBOW					
58			2" Dia Sanitary Pipe 45 Deg Elbow	EA	4
WYE					
59			2" Dia Sanitary Pipe Wye	EA	4
REDUCER					
60			2" 1 1/2" Dia Sanitary Pipe Reducer	EA	4
VENT PIPE (ABOVE GRADE)					
Schedule 40 PVC Pipe, ASTM D1785					
61			1 1/2" Dia Vent Pipe	EA	5
62			2" Dia Vent Pipe	EA	2
63			3" Dia Vent Pipe	EA	10
VENT PIPE FITTINGS					
ELBOW					
64			1 1/2" Dia Vent Pipe 90 Deg Elbow	EA	5
65			2" Dia Vent Pipe 90 Deg Elbow	EA	2
66			3" Dia Vent Pipe 90 Deg Elbow	EA	4
TEE					
67	P-101, P-102 & P-101		2" Dia Vent Pipe Tee	EA	1
68			3" Dia Vent Pipe Tee	EA	3
69			3" 1 1/2" Dia Vent Pipe Tee	EA	2
70			3" 2" Dia Vent Pipe Tee	EA	1
REDUCER					
71			2" 1 1/2" Dia Vent Pipe Reducer	EA	1
72			3" 1 1/2" Dia Vent Pipe Reducer	EA	1
73			3" 2" Dia Vent Pipe Reducer	EA	1
PLUMBING FIXTURES					
74			2" Dia MS-1 Map Sink, T101 MS-2224, With Map Hanger, Mounted To Wall, Faucet To Have Integral Vacuum Breaker & Stops, Finish:02, Polished Chrome, Valve/Faucet: AMERICAN STANDARD 8344.012	EA	1
75			EW-C-1 Water Cooler, ELKAY LV8CTLD0WSK, H-L-D Drinking Fountain With Non-Refrigerated Electric Bottle Filler With Front Bubble Button, Wall Mount BI-Level Ada Cooler Filtered Bottle Filling Station Non Refrigerated Stainless, Electric: 120V/1Ph/2A F.L.A. Motor Control Type: MG	EA	1
76			LV-1 Restroom Lavatory, DURAVIT D-NED Wall Mounted Sink, 39.5" Wide With No Holes, With SIFRIN 800/676, Battery Powered Faucet, 0.20 Gallon/Cycle, Provide Aerator To Meet The Maximum Flow Rate As Required, Thermostatic Compressing Valve: 665/DV 070, Valve/Faucet: AMERICAN STANDARD SERIN, Wall Mount	EA	2
77			US-2 Lavatory, KRAUS FF-100, Finish Spot Free Stainless Steel, SK-1 Pantry Sink, KOHLER K-3894-4, With #K-8801 Strainer, VS-Vitran Stainless, Inwall Undermount, Faucet/Valve: AMERICAN STANDARD 8911.800/675	EA	1
78			WC-1 Tank Type Water Closet, DURAVIT STARK3 #222609 40.92", Provide STARK3 Toilet Seat #06430-00, White GEBERIT Polished Chrome Flush Plate #115.883.KH.1, GEBERIT tank #111.335.00.5, Concealed Toilet Carrier Frame	EA	2
WATER HEATER					
80			WH-1 Electric Water Heater, RHEEM HPLD50-IRL1, 515 L.B., 45 Gallon, Electric: 277V/1Ph, SKW H1TG	EA	1
WATER HEATER DETAIL					
81			Expansion Tank, AMTROL ST-5	EA	1
82			3/4" Dia Vacuum Relief Valve	EA	1
83			3/4" Dia Temperature And Pressure Relief Valve	EA	1
84			3/4" Dia Shutoff Valve	EA	2
85			3/4" Dia Drain Valve	EA	2
86			3/4" Dia Union	EA	2
87			3/4" Dia Heat Trap / Dielectric Nipple	EA	2
PUMP					
88			CP-1 Circulating Pump, TACO 008-BC, Fluid Flow 1 GPM, Electric: 120V/1Ph/0.9AHP, Control Type: Line, Motor: 0.9AHP	EA	1
PUMP DETAIL					
89			Aquatut	EA	1
90			Pressure Gauge & Snubber	EA	2
91			Temperature Gauge & Snubber	EA	1

92	3/4" Dia Balancing Valve	EA	1
93	3/4" Dia Check Valve	EA	2
94	3/4" Dia Shutoff Valve	EA	2
95	3/4" Dia Wye Strainer	EA	1
96	3/4" Dia Union	EA	2
MISCELLANEOUS			
97	1/2" Dia 1P Trap Primer, POWERS P1 SERIES, Provide Distribution Unit As Required	EA	2
98	WF-1 Water Filter, AQUA-PURE AP-DW5000LF, Coordinate Mounting Under Counter With Ade. Clearance For Sink	EA	1
CLEANOUTS & DRAINS			
99	3" Dia FD-1	EA	1
100	4" Dia FCO Floor Cleanout, ZURN Z-1400, Adjustable Floor Cleanout	EA	2
VALVES			
101	1/2" Dia Thermostatic Mixing Valve	EA	2
102	1/2" Dia Trap Primer Valve	EA	2
103	1/2" Dia Shutoff Valve	EA	6
104	3/4" Dia Shutoff Valve	EA	2
PIPE COUPLING			
105	1-1/2" Dia	EA	5
106	2" Dia	EA	5
107	3" Dia	EA	11
108	4" Dia	EA	9
PIPE SUPPORT			
109	1/2" Dia Adjustable Clevis Hanger	EA	25
110	3/4" Dia Adjustable Clevis Hanger	EA	34
111	1" Dia Adjustable Clevis Hanger	EA	6
112	1-1/2" Dia Adjustable Clevis Hanger	EA	8
113	2" Dia Adjustable Clevis Hanger	EA	3
114	3" Dia Adjustable Clevis Hanger	EA	10
115	3/8" Dia Threaded Rod (1 Ea. - 1 FT)	EA	73
116	1/2" Dia Threaded Rod (1 Ea. - 1 FT)	EA	13
TRENCHING & BACKFILLING			
117	Excavation & Backfilling (2 Deep x 1' Wide Trench) Including All Lab	CFE	572

DWV			
FLEXIBLE DUCT			
118	8" Dia Flexible Duct	EA	17
REFRIGERANT PIPE			
Assumed Type "AC" Copper Pipe			
119	3/8" Refrigerant Liquid Pipe	EA	27
120	1-1/8" Refrigerant Liquid Pipe	EA	63
121	5/8" Refrigerant Suction Pipe	EA	27
122	1-5/8" Refrigerant Suction Pipe	EA	6
3/4" Thick Armaflex Insulation			
123	3/8" Refrigerant Liquid Pipe	EA	27
124	1-1/8" Refrigerant Liquid Pipe	EA	63
125	5/8" Refrigerant Suction Pipe	EA	27
126	1-5/8" Refrigerant Suction Pipe	EA	6
REFRIGERANT PIPE FITTINGS			
ELBOW			
127	3/8" Refrigerant Liquid Pipe 90 Deg Elbow	EA	15
128	1-1/8" Refrigerant Liquid Pipe 90 Deg Elbow	EA	3
129	5/8" Refrigerant Suction 90 Deg Elbow	EA	15
130	1-5/8" Refrigerant Suction 90 Deg Elbow	EA	3
REFRIGERANT PIPING DETAIL			
131	Sight Glass	EA	6
132	Expansion Valve	EA	6
133	Expansion Valve Thermal Bulb	EA	6
134	Expansion Valve Equalizer Line	EA	6
CONDENSATE DRAIN PIPE			
Assumed Type "M" Copper Pipe			
135	1" Dia Condensate Drain Pipe	EA	8
136	1-1/2" Dia Condensate Drain Pipe	EA	2
1" Thick Fiberglas Insulation			
137	1" Dia Condensate Drain Pipe	EA	8
138	1-1/2" Dia Condensate Drain Pipe	EA	2
CONDENSATE DRAIN FITTINGS			
ELBOW			
139	1" Dia Condensate Drain Pipe 90 Deg Elbow	EA	5
140	1-1/2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2
141	1" Dia Condensate Drain Pipe 45 Deg Elbow	EA	4
TEE			
142	1" Dia Condensate Drain Pipe Tee	EA	1
143	1-1/2" 1" Dia Condensate Drain Pipe Tee	EA	1
REDUCER			
144	1-1/2" x 1" Dia Condensate Drain Pipe Reducer	EA	1
AIR DEVICES			
145	ER-1 Exhaust Register, TITUS OMM, Face 12"x12", Mounting Ceiling, Material: Steel, Finish: Standard White, Damper: Scoop Damper, Border Style: Surface Mount Remarks: See Linear Diffuser Notes	EA	4
146	LD-1 Supply Diffuser, TITUS FL-10HH, Face 4'-0"(1) 1" Slot, Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Damper Type: Cable Operated, Border Style: Surface Mount, Border Type: 14 Remarks: See Linear Diffuser Notes	EA	49
147	LD-2 Supply Diffuser, TITUS FL-10HH, Face 2'-0"(1) 1" Slot, Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Damper Type: Cable Operated, Border Style: Surface Mount, Border Type: 14 Remarks: See Linear Diffuser Notes	EA	2
148	LD-3 Supply Diffuser, TITUS FL-10HH, Face 4'-0"(1) 1" Slot, Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Damper Type: Cable Operated, Border Style: Surface Mount, Border Type: 22 Remarks: See Linear Diffuser Notes	EA	3
149	LR-1 Return Grille, TITUS FL-10, Face 4'-0"(1) 1" Slot, Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Border Style: Surface Mount, Border Type: 14 Remarks: See Linear Diffuser Notes	EA	46
150	LR-2 Return Grille, TITUS FL-10, Face 2'-0"(1) 1" Slot, Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Border Style: Surface Mount, Border Type: 14 Remarks: See Linear Diffuser Notes	EA	2
151	LR-3 Return Grille, TITUS FL-10, Face 4'-0"(1) 1" Slot, Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Border Style: Surface Mount, Border Type: 22 Remarks: See Linear Diffuser Notes	EA	2
152	RR-1 Supply Diffuser, TITUS S80FL, Face 12"x12", Mounting: Ceiling, Material: Aluminum, Finish: Standard White, Border Style: Surface Mount	EA	1
153	SR-1 Supply Diffuser, TITUS S300FS, Face 14"x6", Mounting: Duct Material: Aluminum, Finish: Standard White, Damper Type: Opposed Blade, Border Style: Surface Mount	EA	1
AIR COOLED REFRIGERANT CONDENSER			
154	VRFCU-1 VRF Outdoor Air Cooled Unit, MITSUBISHI TRYZE384H-0AN, Location: Roof, Status: New, Weight (lbs): 1614, COP: 3.25, EER: 18.5, Nominal Tons: 28, Electric Connection Summary: VRFCU-1A: 480V/3PH, 35MCA, 40A OCP, VRFCU-1B: 480V/3PH, 35 MCA, 40A OCP, Available Fault Current: 2366	EA	1
VRF (INDOOR UNITS)			
155	VRB-1 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 275, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-1 - 208V/1PH, 0.8 MCA, 20A OCP, Available Fault Current: 2316	EA	1
156	VRB-1 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 275, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-1 - 208V/1PH, 0.8 MCA, 20A OCP, Available Fault Current: 2316	EA	1
157	VRB-2 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 272, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-2 - 208V/1PH, 0.8 MCA, 20A OCP, Available Fault Current: 1777	EA	1
158	VRB-3 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 298, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-3 - 208V/1PH, 0.8 MCA, 20A OCP, Available Fault Current: 2706	EA	1
159	VRB-4 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 286, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-4 - 208V/1PH, 0.8 MCA, 20A OCP, Available Fault Current: 1601	EA	1
160	VRB-5 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 280, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-5 - 208V/1PH, 0.8 MCA, 20A OCP, Available Fault Current: 3581	EA	1
161	VRB-6 MITSUBISHI TPEF P054MH1 VRF Indoor Unit, Location: BOH, Status: New, Weight (lbs): 156, CFM (cfm): 1900, ESP (in WC): 0.5, OACFM (cfm): 99, MAT CLG DB (Deg F): 94, MAT CLG WB (Deg F): 55, LAT HTG (Deg F): 55, Electric Connection Summary: VRB-6 - 208V/1PH, 2.11 MCA, 20A OCP, Available Fault Current: 1298	EA	1
FAN			
162	EF-1 Exhaust Fan, GREENHECK CSP-A360-VG, Location: Public Restroom 3, Status: New, Weight (lbs): 24, CFM: 160, ESP (in WC): 0.5, Fan RPM: 1322, BHP (hp): 0.04, Electric Connection Summary: EF-1 - 120V/1PH, 1.0 MCA, 15A OCP, Available Fault Current: 667	EA	1
DAMPERS			
163	10" Dia Motor Operated Damper	EA	6

164		8"x8" Motor Operated Damper	EA	1
165		6" Dia Manual Volume Damper	EA	3
166		8" Dia Manual Volume Damper	EA	54
167		10" Dia Manual Volume Damper	EA	9
168		10"x10" Manual Volume Damper	EA	3
169		12"x10" Manual Volume Damper	EA	2
170		14"x10" Manual Volume Damper	EA	1
171		14"x12" Manual Volume Damper	EA	4
172		16"x12" Manual Volume Damper	EA	5
173		18"x12" Manual Volume Damper	EA	1
174		18"x14" Manual Volume Damper	EA	1
175		20"x14" Manual Volume Damper	EA	1
		DUCT WEIGHT		
176		Galvanized Sheet Metal Duct	LB	7309
		LINE INSULATION		
177		1/2" Thick Acoustical Liner	SF	701
		DUCT INSULATION		
178	Assumed	1/2" Thick Fiber Glass Insulation	SF	6144
		MISCELLANEOUS		
179		Thermostat	EA	6
180		Smoke Detector	EA	7
181		8"x8" Flexible Connection	EA	2
		FIRE SUPPORTS		
182		3/8" Dia Adjustable Clevis Hanger	EA	45
183		5/8" Dia Adjustable Clevis Hanger	EA	45
184		1" Dia Adjustable Clevis Hanger	EA	14
185		1.18" Dia Adjustable Clevis Hanger	EA	10
186		1.58" Dia Adjustable Clevis Hanger	EA	8
187		1-1/2" Dia Adjustable Clevis Hanger	EA	4
188		3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	128
		DUCT SUPPORTS		
189		3/8" Threaded Rod	EA	352
190		1"x22 Ga. Strip	EA	176

ELECTRICAL DISTRIBUTION

		CONDUIT		
191		1-1/2" EMT Conduit	EA	0.7
192		2" EMT Conduit	EA	0.5
193		2-1/2" EMT Conduit	EA	1.5
194		2" PVC SCH 40 Conduit	EA	0.5
		CONDUCTOR		
195		#6 CU THHN/THWN	EA	0.085
196		#4 CU THHN/THWN	EA	0.070
197		#1 CU THHN/THWN	EA	0.2
198		#3/0 CU THHN/THWN	EA	0.5
		WIRE		
199		Compression Lug CU With 1-Hole, #6 CU Wire	EA	5
200		Heat Shrink Tubing for #6 CU Wire	EA	5
201		Compression Lug CU With 1-Hole, #4 CU Wire	EA	4
202		Heat Shrink Tubing for #4 CU Wire	EA	4
203		Compression Lug CU With 1-Hole, #1 CU Wire	EA	8
204		Heat Shrink Tubing for #1 CU Wire	EA	8
205		Compression Lug CU With 1-Hole, #3/0 CU Wire	EA	28
206		Heat Shrink Tubing for #3/0 CU Wire	EA	28
		CIRCUIT BREAKER		
207		1P15AT/15AF Breaker	EA	11
208		1P20AT/20AF Breaker	EA	52
209		1P20AT/20AF Breaker, Lock On Device	EA	1
210		1P20AT/20AF GFI Breaker	EA	3
211		2P15AT/15AF Breaker	EA	1
212		2P20AT/20AF Breaker	EA	6
213		3P40AT/40AF Breaker	EA	2
214		3P125AT/125AF Breaker	EA	1
215		3P175AT/175AF Breaker	EA	1
		PANEL		
216		Panel E-300A, 480/277V, 3P, 4W, Main: MLO, 14KAIC, 30 Poles, Surface Mounted, NEMA 1	EA	1
217		Panel L-125A, 208/120V, 3P, 4W, 10KAIC, 42 Poles, Surface Mounted, NEMA 1	EA	1
218		Panel P-400A, 208/120V, 3P, 4W, Main: MLO, 22KAIC, 42 Poles, Surface Mounted, NEMA 1	EA	1
		DEVICES		
219		75kVA Transformer, Overhead Mounted, NEMA 1	EA	1
		DISCONNECT SWITCH		
220	Rating Assumed From Panel	1P20A Fused Disconnect Switch	EA	1
221	Rating Assumed From Panel	3P40A Fused Disconnect Switch	EA	2
		GROUNDING		
222	Length Assumed	#2 CU Grounding Conductor	EA	1
		POWER		
		CONDUIT		
223		3/4" EMT Conduit	EA	341
224		1" EMT Conduit	EA	16
225		3/4" PVC SCH 40 Conduit	EA	4
226		1" PVC SCH 40 Conduit	EA	2
		CONDUCTOR		
227		#18 CU THHN/THWN	EA	4
228		#12 CU THHN/THWN	EA	32
229		#10 CU THHN/THWN	EA	14
230		#8 CU THHN/THWN	EA	3
		DEVICES		
231		Duplex Receptacle	EA	10
232		Duplex Receptacle, Ceiling Mounted	EA	8
233		Duplex Receptacle, GFI	EA	4
234		Duplex Receptacle, GFI, Above Counter	EA	1
235		Duplex Receptacle, GFI, WP	EA	1
236		Floor Outlet	EA	29
237		Full Switched Receptacles	EA	1
238		Dimmable Receptacles	EA	2
239		Temperature Sensor	EA	5
240		Thermostat	EA	1
241		Logic Switch	EA	13
		LIGHTING		
		CONDUIT		
242		3/4" EMT Conduit	EA	359
		CONDUCTOR		
243		#12 CU THHN/THWN	EA	30
244		#10 CU THHN/THWN	EA	20
245		#8 CU THHN/THWN	EA	4
		LIGHTING FIXTURES		
246		DL-EM-Decorative Sconce, PABLO DESIGNS BOLA FLUSH MOUNT BLACK TRIM WITH OPAL GLASS GLOBE Mounting: Ceiling Mounted	EA	2
247		DL-EM-Pendant-Round, MITTO RIME PENDANT LAMP - 17 7/8" BLACK TRIM	EA	1
248		DL-Wall Sconce-Decorative, WORKS/LEAD PARK ONE: WHITE ENAMEL BODY, BRUSHED NICKEL HARDWARE	EA	4
249		DL-EM-Wall Sconce, FLOS GLOBE BALL C/W ZERO FU3353509 Mounting: Surface Mounted, Wall Mounted	EA	1
250		DL-Wall Sconce-Decorative, FLOS SURFACE MOUNTED FIXTURE WITH OPAL GLASS GLOBE, CONTRACTOR TO SUPPLY RECESSED JUNCTION BOX FOR MOUNTING Mounting: Wall Sconce	EA	3
251		DL-Recessed Emergency Light, EVENLITE AP2L-WH-UI Mounting: Recessed	EA	5
252		LA-6 (EA) - Recessed Mounted Two Circuit Barren Light Track, LITELAB BUS-TRAXX2**CE-TP-1R-CL Mounting: Surface Mounted	LF	392
253		LA-1-LED Track Head, LITELAB C30-L13-30-9TC-E-1-A-P-3-OL-TD-G Mounting: Track Mounted	EA	64
254		LB-Barren Power down Box, LITELAB BPT-90AD-JBOX-WHITE Mounting: Track Mounted	EA	13
255		LC-6 (EA) - Recessed Trimless Batle Led Grazer With Integral Driver, Fixture Dimensions Are 2-3/4" Wide x 3-5/8" Deep, BOLD LIGHTING BW-T**B-V-1-B-B-G-9-30 Mounting: Recessed Mounted	LF	99
256		LD-Recessed Mounted Trimless Led Adjustable Accent Light, USAI LIGHTING B3RAL-25-20X3-30KH-45-S-WH-WH-FTAZ-UNV-DGE Mounting: Recessed Mounted	EA	91
257		LDww-Recessed Mounted Trimless Led Adjustable Wall Washer, USAI LIGHTING B3RWL-20X3-30KH-W2-D1-WH-WH-FT-UNV-DGE Mounting: Recessed Mounted	EA	40
258		LE-6 (EA) - Linear-Recessed (Recessed Mounted Lensed Linear Led Light With Integral Dimmable Driver, Fixture Is 1-5/8" Wide And 3-1/4" Tall), AMERLUX GRUVI 5-JGB-A16-PL-10-30-4W-120/277**CON-6-10V Mounting: Recessed Mounted	LF	32
259		LE-4E (EA) - Linear-Recessed, AMERLUX GRUVI 5-JGB-A16-PL-10-30-4W-120/277**CON-6-10V Mounting: Recessed Mounted	LF	22
260		LE-2 (EA) - Tube Light MGR (EKLIPSE)-Recessed Mounted Lensed Linear Led Light With Integral Dimmable Driver, Fixture Is 1-5/8" Wide And 3-1/4" Tall, AMERLUX PX-241-0W/FT-ACL-30K-60-9-***-REMOTE DRIVER LM-24-120-HARD WIRE / TOO-TGR-D0250 / CSBI-PCUT-MAT Mounting: Recessed Mounted Watts: 6W	LF	101
261		LE-REMI (EA) - Linear-Recessed (Pendant Mounted Linear Led With Integral Driver, Fixture To Be Supplied With Aircraft Cable For Mounting And), AMERLUX LNI 5-D-16-PL-ASW10-10-30-4W-120/277**6-10-4-DMB Mounting: Pendant Mounted	LF	8
262		LE-LI (EA) - Wall Mounted Linear Led With Integral Driver, Fixture To Be Supplied With Aircraft Cable For Mounting And, AMERLUX LNI 5-D-16-PL-WM10-30-4W-120-6-10-4-DMB Mounting: Wall Mounted	LF	10

E-100, E-101, E-200, E-300 & E-400

264		LJ (6 EA) - Linear-Surface, KELVIX UNI1WL-I-1500-30K-24V-NA / CHS02A-**-FR-CP-EC / DRIVER: UL196 Mounting: Surface Mounted	LF	97
265		LK (1 EA) - Surface Mounted Led Strip Light With Remote Driver Fixture Channel Dimensions Are 60" Wide X 31" Tall, KELVIX UNI1WL-I-500-30K-24V-NA / CHS02A-**-FR-CP-EC / DRIVER: UL196 Mounting: Surface Mounted	LF	11
266		XJ: Exit Sign, EVENLITE Mounting: Surface Mounted	EA	8
LIGHTING CONTROL				
267		Day Light Sensor, LEF2-DCRB-WH	EA	1
268		LVS Controls Shunt Relay, LVSLSHUNT	EA	1
269		LVS Controls Shunt Relay, LVSLSHUNT-D	EA	1
270		Master Switch	EA	1
271		Occupancy Sensor, Ceiling Mounted	EA	3
272		Occupancy Sensor, Wall Mounted	EA	3
273		Power Pack Dimming Module, RMIS-KIN-DV-D	EA	1
274		Programmable VME Hub With Clear Connect, Time Clock & Baudnet, HHS-2	EA	1
275		Single Pole Switch	EA	6
276		Switch Bank (12 Switch)	EA	1
MISCELLANEOUS				
277		Junction Box	EA	7
278		Junction Box, Flush Mounted	EA	7
279		Junction Box, Spot-On DR, 1.5-TL-AM KIT #88101266 With Blank Co	EA	20
SAW CUT				
280		Saw Cut & Repair Concrete Floor For Conduit Installation	LF	32
TRENCHING & BACKFILLING				
281		Excavation & Backfilling (2' Deep X 1' Wide Trench) Including All Labor and Material Equipment	CFT	30

COMMUNICATION				
TELECOMMUNICATION				
CONDUIT				
282		1" EMT Conduit Up to Ceiling	EA	4
CONDUCTOR				
283		CA16 Cable	EA	4
J-BOCKS				
284		2" J-Boxes	EA	45
DEVICES				
285		2 Port Data Outlet	EA	3
		RMT Connector	EA	6
		4"x4" Back Box With 1 Gang Ring	EA	3
		Faceplate	EA	3
286		Window Access Point	EA	9
		4"x4" Back Box With 1 Gang Ring	EA	7
SECURITY				
CONDUIT				
287		Length Assumed 1/2" EMT Conduit With Pull String	EA	3
288		Length Assumed 3/4" EMT Conduit With Pull String	EA	1
289		1" EMT Conduit	EA	130
290		1" EMT Conduit Up to Ceiling	EA	30
CONDUCTOR				
291		#18 CU THHN/THWN	EA	14
DEVICES				
292		Card Reader	EA	3
		4"x4" Back Box With 1 Gang Ring	EA	3
293		Door Contact	EA	5
		4"x4" Back Box With 1 Gang Ring	EA	5
294		Hold In Button With Cover	EA	1
		4"x4" Back Box With 1 Gang Ring	EA	1
295		Keypad	EA	2
		4"x4" Back Box With 1 Gang Ring	EA	2
296		Details Not Given M	EA	4
		4"x4" Back Box With 1 Gang Ring	EA	4
297		Request To Exit	EA	2
		4"x4" Back Box With 1 Gang Ring	EA	2
298		Sale Contact	EA	1
		4"x4" Back Box With 1 Gang Ring	EA	1
299		Security Camera, Ceiling Mounted	EA	10
		4"x4" Back Box With 1 Gang Ring	EA	10
300		Security Camera, Wall Mounted	EA	2
		4"x4" Back Box With 1 Gang Ring	EA	2
AUDIO-VISUAL SYSTEM				
CONDUIT				
301		1" EMT Conduit	EA	13
302		1" EMT Conduit Up to Ceiling	EA	21
303		1" EMT Conduit With Pull String	EA	23
CONDUCTOR				
304		#18 CU THHN/THWN	EA	2
DEVICES				
305		NVM Decoder	EA	1
306		Details Not Given M	EA	1
307		PVM Monitor	EA	1
308		Speaker, Ceiling Mounted	EA	11
309		Junction Box, Ceiling Mounted	EA	1

ELECTRONIC SAFETY AND SECURITY				
FIRE ALARM				
CONDUIT				
310		1/2" EMT Conduit	EA	30
CONDUCTOR				
311		#16 CU THHN/THWN	EA	1
312		#14 CU THHN/THWN	EA	2
DEVICES				
313		Fire Alarm Dual Smoke Detector	EA	7
314		Fire Alarm Horn Strobe, 10 CD	EA	2
315		Fire Alarm Horn Strobe, 115 CD, Ceiling Mounted	EA	3
316		Fire Alarm Smoke Detector, Ceiling Mounted	EA	1
317		Fire Alarm Strobe, 15 CD	EA	3
318		Fire Alarm Strobe, 72 CD	EA	1
319		Fire Alarm System Keypad Test Switch And Annunciator	EA	7

PROJECTED COST				
OVERHEAD AND PROFIT				
INSURANCE				
CONTINGENCY				
TAX				
SUGGESTED BID				

Notes:
1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.