

GENERAL SUMMARY

Prepared for:

Project ID:

Scope:

MEP

No. Of Floors:

Date:



BUILDING GSF

Sub-Basement (SF)

Basement (SF)

1st Floor (SF)

2nd Floor (SF)



DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST
1000	General Requirements	\$ -	\$ -
2000	Demolition	\$ -	\$ -
22000	Plumbing	\$ -	\$ -
23000	HVAC	\$ -	\$ -
26000	Electrical	\$ -	\$ -
TOTAL TRADE COST		\$ -	\$ -
OVERHEAD AND PROFIT	15%	\$ -	\$ -
INSURANCE	0%	\$ -	\$ -
CONTINGENCY	0%	\$ -	\$ -
TAX	0%	\$ -	\$ -
TOTAL TRADE COST		\$ -	\$ -

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: **MEP**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS									
1	Permits	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
2	Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
3	Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
4	Final Cleaning	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
5	Mobilization Costs	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
6	Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
7	Scaffolding	SF	16522	0%	16522	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
DEMOLITION									
8	Remove Existing Water Heater	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
9	Remove Existing Tank	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
10	Remove Existing Piping	LF	210	0%	210	\$ -	\$ -	\$ -	\$ -
11	Remove Existing Roof Top Units	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
12	Remove Existing Duct	LF	164	0%	164	\$ -	\$ -	\$ -	\$ -
13	Remove Existing Lighting Fixtures	EA	60	0%	60	\$ -	\$ -	\$ -	\$ -
14	Remove Existing Wiring With Conduit	LF	320	0%	320	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
Plumbing									
Cold Water Pipe Underground									
Type K Soft Drawn Copper W/ Wrought Copper Fittings									
15	1" Dia Cold Water Pipe	LF	458	10%	504	\$ -	\$ -	\$ -	\$ -
16	2-1/2" Dia Cold Water Pipe	LF	9	10%	9	\$ -	\$ -	\$ -	\$ -
Cold Water Pipe Fittings									
Elbow									
17	1" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
18	2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Cold Water Pipe									
Type L Hard Drawn Copper W/ Wrought Copper Fittings									
19	1/2" Dia Cold Water Pipe	LF	136	10%	150	\$ -	\$ -	\$ -	\$ -
20	3/4" Dia Cold Water Pipe	LF	412	10%	453	\$ -	\$ -	\$ -	\$ -
21	1" Dia Cold Water Pipe	LF	177	10%	195	\$ -	\$ -	\$ -	\$ -
22	1-1/4" Dia Cold Water Pipe	LF	18	10%	19	\$ -	\$ -	\$ -	\$ -
23	1-1/2" Dia Cold Water Pipe	LF	82	10%	90	\$ -	\$ -	\$ -	\$ -
24	2" Dia Cold Water Pipe	LF	40	10%	44	\$ -	\$ -	\$ -	\$ -
25	2-1/2" Dia Cold Water Pipe	LF	13	10%	14	\$ -	\$ -	\$ -	\$ -
Insulation									
1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.									
26	1/2" Dia Cold Water Pipe	LF	136	10%	150	\$ -	\$ -	\$ -	\$ -
27	3/4" Dia Cold Water Pipe	LF	412	10%	453	\$ -	\$ -	\$ -	\$ -
28	1" Dia Cold Water Pipe	LF	177	10%	195	\$ -	\$ -	\$ -	\$ -
29	1-1/4" Dia Cold Water Pipe	LF	18	10%	19	\$ -	\$ -	\$ -	\$ -
30	1-1/2" Dia Cold Water Pipe	LF	82	10%	90	\$ -	\$ -	\$ -	\$ -
31	2" Dia Cold Water Pipe	LF	40	10%	44	\$ -	\$ -	\$ -	\$ -
32	2-1/2" Dia Cold Water Pipe	LF	13	10%	14	\$ -	\$ -	\$ -	\$ -
Cold Water Pipe Fittings									
Elbow									
33	1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	32	0%	32	\$ -	\$ -	\$ -	\$ -
34	3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	21	0%	21	\$ -	\$ -	\$ -	\$ -
35	1" Dia Cold Water Pipe 90 Deg Elbow	EA	14	0%	14	\$ -	\$ -	\$ -	\$ -
36	1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
37	1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
38	2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
Tee									
39	1/2" Dia Cold Water Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
40	3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
41	1" Dia Cold Water Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
42	3/4" / 1/2" Dia Cold Water Pipe Tee	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
43	1" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
44	1" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
45	1-1/4" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
46	1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
47	1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
48	1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
49	2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
50	2" / 1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
51	2-1/2" / 1" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
52	3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
53	1" / 3/4" Dia Cold Water Pipe Reducer	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
54	1-1/4" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
55	1-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
56	1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
57	1-1/2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
58	2" / 1-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
59	2-1/2" / 2" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Hot Water Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings								
60	1/2" Dia Hot Water Pipe	LF	76	10%	84	\$ -	\$ -	\$ -	\$ -
61	3/4" Dia Hot Water Pipe	LF	109	10%	120	\$ -	\$ -	\$ -	\$ -
62	1" Dia Hot Water Pipe	LF	60	10%	66	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.								
63	1/2" Dia Hot Water Pipe	LF	76	10%	84	\$ -	\$ -	\$ -	\$ -
64	3/4" Dia Hot Water Pipe	LF	109	10%	120	\$ -	\$ -	\$ -	\$ -
65	1" Dia Hot Water Pipe	LF	60	10%	66	\$ -	\$ -	\$ -	\$ -
	Hot Water Pipe Fittings								
	Elbow								
66	1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	19	0%	19	\$ -	\$ -	\$ -	\$ -
67	3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
68	1" Dia Hot Water Pipe 90 Deg Elbow	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
	Tee								
69	1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
70	3/4" / 1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
71	1" / 1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
72	1" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Reducer								
73	1" / 1/2" Dia Hot Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Hot Water Return Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings								
74	1/2" Dia Hot Water Return Pipe	LF	53	10%	58	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.								
75	1/2" Dia Hot Water Return Pipe	LF	53	10%	58	\$ -	\$ -	\$ -	\$ -
	Hot Water Return Pipe Fittings								
	Elbow								
76	1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
	Gas Pipe Underground								
	Sch 40 Black Steel								
77	2" Dia Gas Pipe	LF	7	10%	8	\$ -	\$ -	\$ -	\$ -
	Sch 40 Black Steel, W/ Class 150 Black Malleable Iron Screwed Fittings								
78	3" Dia Gas Pipe	LF	400	10%	440	\$ -	\$ -	\$ -	\$ -
	Gas Pipe Fittings								
	Elbow								
79	2" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
80	3" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
81	3" / 2" Dia Gas Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Gas Pipe								
	Sch 40 Black Steel								
82	3/4" Dia Gas Pipe	LF	183	10%	202	\$ -	\$ -	\$ -	\$ -
83	1" Dia Gas Pipe	LF	180	10%	198	\$ -	\$ -	\$ -	\$ -
84	1-1/4" Dia Gas Pipe	LF	19	10%	21	\$ -	\$ -	\$ -	\$ -
85	1-1/2" Dia Gas Pipe	LF	98	10%	108	\$ -	\$ -	\$ -	\$ -
86	2" Dia Gas Pipe	LF	26	10%	29	\$ -	\$ -	\$ -	\$ -

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Cast Iron No Hub Coupling								
135	1-1/2" Dia Vent Pipe	LF	12	10%	13	\$ -	\$ -	\$ -	\$ -
136	2" Dia Vent Pipe	LF	101	10%	111	\$ -	\$ -	\$ -	\$ -
	Vent Pipe Fittings								
	Elbow								
137	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
138	2" Dia Vent Pipe 90 Deg Elbow	EA	34	0%	34	\$ -	\$ -	\$ -	\$ -
	Vent Pipe								
	Cast Iron No Hub Coupling								
139	1-1/4" Dia Vent Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
140	1-1/2" Dia Vent Pipe	LF	119	10%	131	\$ -	\$ -	\$ -	\$ -
141	2" Dia Vent Pipe	LF	226	10%	249	\$ -	\$ -	\$ -	\$ -
142	3" Dia Vent Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
	Vent Pipe Fittings								
	Elbow								
143	1-1/4" Dia Vent Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
144	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	18	0%	18	\$ -	\$ -	\$ -	\$ -
145	2" Dia Vent Pipe 90 Deg Elbow	EA	14	0%	14	\$ -	\$ -	\$ -	\$ -
146	3" Dia Vent Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Tee								
147	1-1/2" Dia Vent Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
148	2" / 1-1/2" Dia Vent Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
149	2" Dia Vent Pipe Tee	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
	Reducer								
150	2" / 1-1/4" Dia Vent Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
151	2" / 1-1/2" Dia Vent Pipe Reducer	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
152	3" / 2" Dia Vent Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Condensate Drain Pipe								
	Type M Hard Drawn Copper W/ Wrought Copper Fittings, Soldered W/ Brazed With Silver Based Filler Material.								
153	3/4" Dia Condensate Drain Pipe	LF	88	10%	97	\$ -	\$ -	\$ -	\$ -
154	1" Dia Condensate Drain	LF	305	10%	335	\$ -	\$ -	\$ -	\$ -
155	1-1/4" Dia Condensate Drain Pipe	LF	54	10%	60	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, OF 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.								
156	3/4" Dia Condensate Drain Pipe	LF	88	10%	97	\$ -	\$ -	\$ -	\$ -
157	1" Dia Condensate Drain	LF	305	10%	335	\$ -	\$ -	\$ -	\$ -
158	1-1/4" Dia Condensate Drain Pipe	LF	54	10%	60	\$ -	\$ -	\$ -	\$ -
	Condensate Drain Pipe Fittings								
	Elbow								
159	3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
160	1" Dia Condensate Drain Pipe 90 Deg Elbow	EA	13	0%	13	\$ -	\$ -	\$ -	\$ -
161	1-1/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
162	3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
163	1" Dia Condensate Drain Pipe 45 Deg Elbow	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
	Tee								
164	3/4" Dia Condensate Drain Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
165	1" Dia Condensate Drain Tee	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
166	1" / 3/4" Dia Condensate Drain Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
167	1-1/4" / 1" Dia Condensate Drain Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
168	1" / 3/4" Dia Condensate Drain Pipe Reducer	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
169	1-1/4" / 1" Dia Condensate Drain Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Drain & Cleanouts								
170	4" Dia FS, Floor Sink, JAY R. SMITH JRS-325.	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
171	4" Dia RD, Roof Drain, ZURN MODEL ZC100-NH-C 15'	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
172	4" Dia ORD, Overflow Roof Drain, ZURN MODEL ZC10	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
173	4" Dia TD-1, Trench Drain, ZURN MODEL ZA-880-300.	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
174	3/4" Dia CO, Cleanout (Interior), JAY R.SMITH 442.	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
175	1" Dia CO, Cleanout (Interior), JAY R.SMITH 442.	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
176	2" Dia CO, Cleanout (Interior), JAY R.SMITH 442.	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
177	4" Dia CO, Cleanout (Interior), JAY R.SMITH 4120.	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
178	4" Dia COTG, Cleanout (Exterior), JAY R.SMITH 4880.	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
179	4" Dia COTG, Cleanout (Exterior 2-Way), JAY R.SMITH	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
180	4" Dia Downspout, JR SMITH FIGURE 1770-NB, Nickle	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
	Plumbing Fixtures								
181	WC-1, Water Closet, SLOAN WETS-8029-8110-2SG,	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -

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182	U-1, Urinal, AMERICAN STANDARD CADET #6601.012	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
183	LAV-1, Lavatory, AMERICAN STANDARD LUCERN Wal	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
184	S-1, Sink, ELKAY GOURMET MODEL BLR15, COUNTER	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
185	KS-1, Kitchen Sink, ELKAY LUSTERTONE MODEL LRAD3	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
186	EWS-1, Emergency Eye Wash	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
187	DF-1, Drinking Fountain, ELKAY MODEL LVRCHDTL8SC.	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
188	RB-1, Refrigerator Wall Box, SIOUX CHIEF OX BOX Ice	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
189	Ice Maker	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
190	Pressure Washer (Owner Provide)	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Pumps								
191	CP-1, Circulation Pump, TACO 0011-SF4, 5 GPM.	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Interceptors								
192	SB-1, Sample Box	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
193	SOI-1, Sand/ Oil Interceptor, 500 Gallon, Box Design	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	MISC.								
194	3" Dia Gas Meter	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
195	3/4" Dia HB, Hose Bibb, ZURN MODEL Z1341-P34, Hd	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
196	1" Dia HB, Wash Bay Hose Bibb, ZURN MODEL Z1341	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
197	1" Dia Utility Stub	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
198	1/2" Dia NSF 12 Backflow Preventer Assembly	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
199	1" Dia Accessible Shut-Off Valve	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
200	2" Dia Accessible Gas Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
201	3" Dia Accessible Gas Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
202	2-1/2" Dia Gate Valve	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
203	1-1/2" Dia VTR, Vent Through Roof	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
204	2" Dia VTR, Vent Through Roof	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
205	3" Dia VTR, Vent Through Roof	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Hot Water Heater								
206	WH-1, Gas Fired Tank Water Heater, AO SMITH GDH	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Tank								
	Water Heater Accessories								
207	1" Dia Check Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
208	1" Dia Dirt Leg	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
209	1" Dia Gas Cock	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
210	1" Dia Shut-Off Valve	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
211	1" Dia Union	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
212	1/2" Dia Balancing Valve Assembly	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
213	1/2" Dia Check Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
214	1/2" Dia Flexible Connection	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
215	1/2" Dia Pressure And Temperature Relief Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
216	1/2" Dia Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
217	1/2" Dia Strainer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
218	3" Wide 16 Gauge Galvanized Sheet Metal Seismic S	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
219	Secondary Drain Pan	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
220	ET-1, Expansion Tank, AMTROL ST-20VC, Furnished W/	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Lavatory Accessories								
221	1/2" Dia Compression Fitting	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
222	1/2" Dia Inline Check Valve	EA	12	0%	12	\$ -	\$ -	\$ -	\$ -
223	1/2" Dia Mixing Valve, ACORN TMV-1 ST70. Set To D	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
	Gas Connection Detail (For Roof Top Units)								
224	1" Dia Cap	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
225	1" Dia Gas Cock	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
226	1" Dia Ground Joint Union W/ Brass Seat	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
227	1" Dia Nipple	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
228	1" Dia Plugged 1/8" NPT Test Gage Connection	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
229	1" Dia Tee Fitting	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
	No Hub Couplings								
230	1-1/4" Dia Coupling	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
231	1-1/2" Dia Coupling	EA	65	0%	65	\$ -	\$ -	\$ -	\$ -
232	2" Dia Coupling	EA	288	0%	288	\$ -	\$ -	\$ -	\$ -
233	3" Dia Coupling	EA	17	0%	17	\$ -	\$ -	\$ -	\$ -
234	4" Dia Coupling	EA	246	0%	246	\$ -	\$ -	\$ -	\$ -
	Pipe Support								
235	1/2" Dia Adjustable Clevis Hanger	EA	42	0%	42	\$ -	\$ -	\$ -	\$ -
236	3/4" Dia Adjustable Clevis Hanger	EA	118	0%	118	\$ -	\$ -	\$ -	\$ -
237	1" Dia Adjustable Clevis Hanger	EA	107	0%	107	\$ -	\$ -	\$ -	\$ -
238	1-1/4" Dia Adjustable Clevis Hanger	EA	15	0%	15	\$ -	\$ -	\$ -	\$ -
239	1-1/2" Dia Adjustable Clevis Hanger	EA	41	0%	41	\$ -	\$ -	\$ -	\$ -
240	2" Dia Adjustable Clevis Hanger	EA	28	0%	28	\$ -	\$ -	\$ -	\$ -
241	2-1/2" Dia Adjustable Clevis Hanger	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: **MEP**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
242	3" Dia Adjustable Clevis Hanger	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
243	4" Dia Adjustable Clevis Hanger	EA	28	0%	28	\$ -	\$ -	\$ -	\$ -
244	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	323	0%	323	\$ -	\$ -	\$ -	\$ -
245	3/8" Dia Threaded Rod (1 Ea = 1 FT)	EA	63	0%	63	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
HVAC									
Compressed Air Pipe									
Type L Copper W/ Brazed Fittings									
246	1/2" Dia Compressed Air Pipe	LF	137	10%	150	\$ -	\$ -	\$ -	\$ -
247	2" Dia Compressed Air Pipe	LF	214	10%	236	\$ -	\$ -	\$ -	\$ -
Compressed Air Pipe Fittings									
Elbow									
248	1/2" Dia Compressed Air Pipe 90 Deg Elbow	EA	26	0%	26	\$ -	\$ -	\$ -	\$ -
249	2" Dia Compressed Air Pipe 90 Deg Elbow	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
Tee									
250	2" Dia Compressed Air Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
251	2" / 1/2" Dia Compressed Air Pipe Tee	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
Reducer									
252	2" / 1/2" Dia Compressed Air Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
Refrigerant Pipe									
253	3/8" Dia Refrigeration Liquid Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
254	5/8" Dia Refrigeration Suction Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
Insulation									
1/2" Thick Fiberglass Pipe Insulation									
255	3/8" Dia Refrigeration Liquid Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
256	5/8" Dia Refrigeration Suction Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
Refrigerant Pipe Fittings									
Elbow									
257	3/8" Dia Refrigeration Liquid Pipe 90 Deg Elbow	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
258	5/8" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
Condensate Drain Pipe									
259	1/2" Dia Condensate Drain Pipe	LF	20	10%	22	\$ -	\$ -	\$ -	\$ -
Insulation									
1/2" Thick Fiberglass Pipe Insulation									
260	1/2" Dia Condensate Drain Pipe	LF	20	10%	22	\$ -	\$ -	\$ -	\$ -
Condensate Drain Pipe Fittings									
Elbow									
261	1/2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
Air Devices									
262	1, Supply Diffuser, TITUS OMNI-AA, Material Aluminum	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
263	1, Supply Diffuser, TITUS OMNI-AA, Material Aluminum	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
264	1, Supply Diffuser, TITUS OMNI-AA, Material Aluminum	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
265	1, Supply Diffuser, TITUS OMNI-AA, Material Aluminum	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
266	1, Supply Diffuser, TITUS OMNI-AA, Material Aluminum	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
267	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
268	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
269	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
270	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
271	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
272	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
273	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
274	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
275	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
276	2, Supply Diffuser, TITUS TMS, Material Aluminum, Trim	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
277	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
278	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
279	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
280	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
281	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
282	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
283	1, Return Grille, TITUS PAR, Material Aluminum, Trim: T-	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
284	2, Return Grille, TITUS 50F, Material Aluminum, Trim: G	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
285	Fabricated, 4-Way Throw Diffuser, 26"x26" Neck Size	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
Roof Top Unit									
286	RTU-1, Roof Top Unit, DAIKIN DBG0364BH00029C3, T	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
287	RTU-2, Roof Top Unit, DAIKIN DBG048BH00016C4, T	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
288	RTU-3, Roof Top Unit, DAIKIN DBG0604BH00008C5, T	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
289	RTU-4, Roof Top Unit, DAIKIN DBG0604BH00008C5, T	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
290	RTU-5, Roof Top Unit, DAIKIN DBG048BH00016C4, T	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: **MEP**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Conduit								
382	3/4" EMT Conduit	LF	5142	10%	5656	\$ -	\$ -	\$ -	\$ -
383	1" EMT Conduit	LF	415	10%	457	\$ -	\$ -	\$ -	\$ -
384	3/4" PVC SCH 40 Conduit	LF	18	10%	20	\$ -	\$ -	\$ -	\$ -
385	3/4" RGS Conduit	LF	65	10%	72	\$ -	\$ -	\$ -	\$ -
386	1" RGS Conduit	LF	50	10%	55	\$ -	\$ -	\$ -	\$ -
	Conductor								
387	#12 CU THHN/THWN	LF	13755	10%	15131	\$ -	\$ -	\$ -	\$ -
388	#10 CU THHN/THWN	LF	2248	10%	2473	\$ -	\$ -	\$ -	\$ -
389	#8 CU THHN/THWN	LF	993	10%	1092	\$ -	\$ -	\$ -	\$ -
390	#6 CU THHN/THWN	LF	532	10%	585	\$ -	\$ -	\$ -	\$ -
	Device								
391	Duplex Receptacle	EA	45	0%	45	\$ -	\$ -	\$ -	\$ -
392	Duplex Receptacle, Floor Mounted	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
393	Duplex Receptacle, GFCI	EA	26	0%	26	\$ -	\$ -	\$ -	\$ -
394	Equipment Connection	EA	16	0%	16	\$ -	\$ -	\$ -	\$ -
395	Motor Connection	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
396	Quad Receptacle	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
397	Single Pole Switch	EA	19	0%	19	\$ -	\$ -	\$ -	\$ -
	Site Lighting								
	Conduit								
398	1" EMT Conduit	LF	507	10%	558	\$ -	\$ -	\$ -	\$ -
399	1" PVC SCH 40 Conduit	LF	361	10%	398	\$ -	\$ -	\$ -	\$ -
	Conductor								
400	#10 CU THHN/THWN	LF	868	10%	955	\$ -	\$ -	\$ -	\$ -
401	#8 CU THHN/THWN	LF	1736	10%	1910	\$ -	\$ -	\$ -	\$ -
	Lighting Fixtures								
402	Exterior Wall Sconce Light	EA	16	0%	16	\$ -	\$ -	\$ -	\$ -
403	Pole Mounted Light, Single Head	EA	11	0%	11	\$ -	\$ -	\$ -	\$ -
	30' Steel Round Pole	EA	11	0%	11	\$ -	\$ -	\$ -	\$ -
	Concrete Base	EA	11	0%	11	\$ -	\$ -	\$ -	\$ -
	Lighting								
	Conduit								
404	3/4" EMT Conduit	LF	4977	10%	5475	\$ -	\$ -	\$ -	\$ -
405	1" EMT Conduit	LF	1100	10%	1210	\$ -	\$ -	\$ -	\$ -
	Conductor								
406	3#12 MC Cable	LF	2531	10%	2784	\$ -	\$ -	\$ -	\$ -
407	3#10 MC Cable	LF	830	10%	913	\$ -	\$ -	\$ -	\$ -
408	#12 CU THHN/THWN	LF	9909	10%	10900	\$ -	\$ -	\$ -	\$ -
409	#10 CU THHN/THWN	LF	5024	10%	5526	\$ -	\$ -	\$ -	\$ -
410	#8 CU THHN/THWN	LF	750	10%	825	\$ -	\$ -	\$ -	\$ -
	Lighting Fixtures								
411	2 x 4 Recessed Emergency Light	EA	42	0%	42	\$ -	\$ -	\$ -	\$ -
412	2 x 4 Recessed Emergency Light For Tenant Space	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
413	2 x 4 Recessed Light	EA	102	0%	102	\$ -	\$ -	\$ -	\$ -
414	2 x 4 Recessed Light For Tenant Space	EA	13	0%	13	\$ -	\$ -	\$ -	\$ -
415	Elevator Pit Light	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
416	Exit Light	EA	20	0%	20	\$ -	\$ -	\$ -	\$ -
417	Lobby Recessed Light	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
418	Pendant Light	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
419	Wall Mounted Light	EA	12	0%	12	\$ -	\$ -	\$ -	\$ -
420	2X2 Chain Hanger Type Light Fixture	EA	15	0%	15	\$ -	\$ -	\$ -	\$ -
421	2X4 Chain Hanger Type Emergency Light	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
422	2X4 Chain Hanger Type Light Fixture	EA	58	0%	58	\$ -	\$ -	\$ -	\$ -
423	6" Recessed Downlight	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
424	Emergency Stair Light	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
	Lighting Control								
425	3 Way Switch	EA	12	0%	12	\$ -	\$ -	\$ -	\$ -
426	Dimmer Switch	EA	44	0%	44	\$ -	\$ -	\$ -	\$ -
427	Occupancy Sensor	EA	46	0%	46	\$ -	\$ -	\$ -	\$ -
428	Single Pole Switch	EA	31	0%	31	\$ -	\$ -	\$ -	\$ -
429	Photocell	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
430	Time Clock	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Fire Alarm								
	Conduit								
431	3/4" EMT Conduit	LF	1316	10%	1448	\$ -	\$ -	\$ -	\$ -
	Conductor								
432	#16 CU THHN/THWN	LF	1711	10%	1882	\$ -	\$ -	\$ -	\$ -
433	#14 CU THHN/THWN	LF	922	10%	1014	\$ -	\$ -	\$ -	\$ -
	Device								
434	Fire Alarm Annunciator Panel	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
435	Fire Alarm Control Panel	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
436	Horn/Strobe	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

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Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
437	Pull Station	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
438	Smoke Detector	EA	39	0%	39	\$ -	\$ -	\$ -	\$ -
439	Tamper Switch	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
440	Flow Switch	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Low Voltage								
	Conduit								
441	3/4" EMT Conduit	LF	1732	10%	1905	\$ -	\$ -	\$ -	\$ -
442	2" EMT Conduit With Pull String	LF	357	10%	393	\$ -	\$ -	\$ -	\$ -
	Conductor								
443	#18 CU THHN/THWN	LF	1478	10%	1626	\$ -	\$ -	\$ -	\$ -
444	#14 CU THHN/THWN	LF	1986	10%	2185	\$ -	\$ -	\$ -	\$ -
	Device								
445	Door Chime	EA	21	0%	21	\$ -	\$ -	\$ -	\$ -
446	Low Voltage Transformer	EA	21	0%	21	\$ -	\$ -	\$ -	\$ -
447	Push Button For Door Chime	EA	21	0%	21	\$ -	\$ -	\$ -	\$ -
	Telecom								
	Conduit								
448	3/4" EMT Conduit	LF	1100	10%	1210	\$ -	\$ -	\$ -	\$ -
449	2" EMT Conduit	LF	648	10%	713	\$ -	\$ -	\$ -	\$ -
450	2" PVC SCH 40 Conduit	LF	842	10%	926	\$ -	\$ -	\$ -	\$ -
	J-Hooks								
451	2" J-Hooks	EA	86	0%	86	\$ -	\$ -	\$ -	\$ -
	Conductor								
452	CAT6 Plenum Rated Cable	LF	6531	10%	7184	\$ -	\$ -	\$ -	\$ -
453	Fiber Optical Cable	LF	745	10%	820	\$ -	\$ -	\$ -	\$ -
454	RG11 Cable	LF	745	10%	820	\$ -	\$ -	\$ -	\$ -
455	Quad Shield CMP Rated RG6 COAX Cable	LF	2178	10%	2396	\$ -	\$ -	\$ -	\$ -
	Device								
456	4' x 3/4" Fire Retardant Plywood Backboard	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
457	AT&T Pedestal	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
458	CATV Outlet With Two Gang Junction Box, Mud Ring	EA	31	0%	31	\$ -	\$ -	\$ -	\$ -
	F-Connectors								
459	Combination Tele/Data Outlet	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
	Jacks								
	459	EA	16	0%	16	\$ -	\$ -	\$ -	\$ -
460	Telecom Main Point Of Connection	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
461	Telecommunication Outlet With Two Gang Junction Box, Mud Ring	EA	28	0%	28	\$ -	\$ -	\$ -	\$ -
	Jacks								
	461	EA	28	0%	28	\$ -	\$ -	\$ -	\$ -
	Audio/Visual								
	Conduit								
462	1/2" EMT Conduit	LF	80	10%	88	\$ -	\$ -	\$ -	\$ -
463	3/4" EMT Conduit	LF	90	10%	99	\$ -	\$ -	\$ -	\$ -
	Conductor								
464	#24 THHW/THWN	LF	160	10%	176	\$ -	\$ -	\$ -	\$ -
465	#18 THHW/THWN	LF	210	10%	231	\$ -	\$ -	\$ -	\$ -
	Device								
466	Speakers, Ceiling Mounted	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
467	Speakers, Wall Mounted	EA	16	0%	16	\$ -	\$ -	\$ -	\$ -
468	Amplifier	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Security								
	Conduit								
469	3/4" EMT Conduit	LF	933	10%	1026	\$ -	\$ -	\$ -	\$ -
470	3/4" PVC SCH 40 Conduit	LF	1059	10%	1165	\$ -	\$ -	\$ -	\$ -
	J-Hooks								
471	2" J-Hooks	EA	90	0%	90	\$ -	\$ -	\$ -	\$ -
	Conductor								
472	CAT6 Cable	LF	5885	10%	6474	\$ -	\$ -	\$ -	\$ -
	Device								
473	Exterior Camera	EA	27	0%	27	\$ -	\$ -	\$ -	\$ -
474	Interior Camera	EA	16	0%	16	\$ -	\$ -	\$ -	\$ -
475	Dome Camera	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
476	PTZ Camera	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Nurse Call System								
	Conduit								
477	3/4" EMT Conduit	LF	315	10%	347	\$ -	\$ -	\$ -	\$ -
	Conductor								
478	#16 THHN/THWN	LF	685	10%	754	\$ -	\$ -	\$ -	\$ -
479	#14 THHN/THWN	LF	856	10%	942	\$ -	\$ -	\$ -	\$ -
	Device								
480	Duty Staff Nurse Call Station, Provide Rough In Box	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
481	Nurse Call Cord Oull Station, Provide 4/S Rough In Box	EA	18	0%	18	\$ -	\$ -	\$ -	\$ -

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: **MEP**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
	Miscellaneous									
482	Junction Box	EA	25	0%	25	\$ -	\$ -	\$ -	\$ -	
483	Junction Box (For Telecom)	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -	
484	Junction Box (For Low Voltage)	EA	12	0%	12	\$ -	\$ -	\$ -	\$ -	
	Fire Stopping									
485	Caulking Sealant	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -	
	Saw Cut									
486	Saw Cut & Repair Installation	LF	18	0%	18	\$ -	\$ -	\$ -	\$ -	
	Trenching & Backfilling									
487	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	780	0%	780	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL \$									-	
							PROJECTED COST			
							0.15	0.15	15%	\$0
OVERHEAD AND PROFIT										
INSURANCE							0	0	0%	\$0
CONTINGENCY							0	0	0%	\$0
TAX							0	0	0%	\$0
SUGGESTED BID									\$0	

Note:

1. Please verify the equipment's and their prices with owner.
2. For tree plantation average prices are use. Please verify according to tree type.
3. Online sources are used for pricing.
4. Prices can vary depending upon field conditions.

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: HVAC



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
HVAC					
Sheet Metal Duct					
Galvanized Sheet Metal Duct					
1	6" Dia Supply Air Duct	LF	26	10%	28
2	8" Dia Supply Air Duct	LF	169	10%	186
3	10" Dia Supply Air Duct	LF	306	10%	337
4	12" Dia Supply Air Duct	LF	16	10%	17
5	14" Dia Supply Air Duct	LF	46	10%	51
6	16" Dia Supply Air Duct	LF	159	10%	175
7	16"x16" Supply Air Duct (Size assumed)	LF	29	10%	32
8	18" Dia Supply Air Duct	LF	34	10%	37
9	18"x14" Supply Air Duct (Size assumed)	LF	8	10%	9
10	26"x26" Supply Air Duct (Service & Size assumed)	LF	8	10%	9
11	8" Dia Return Air Duct	LF	15	10%	16
12	10" Dia Return Air Duct	LF	62	10%	68
13	12" Dia Return Air Duct	LF	43	10%	47
14	14" Dia Return Air Duct	LF	57	10%	62
15	14"x14" Return Air Duct (Size assumed)	LF	10	10%	11
16	16" Dia Return Air Duct	LF	54	10%	59
17	18" Dia Return Air Duct	LF	49	10%	54
18	22"x10" Return Air Duct	LF	4	10%	5
19	22"x14" Return Air Duct (Size assumed)	LF	33	10%	37
20	6" Dia Exhaust Air Duct	LF	18	10%	19
Duct Fittings					
Elbow					
21	6" Dia Supply Air Duct 90 Deg Elbow	EA	5	0%	5
22	8" Dia Supply Air Duct 90 Deg Elbow	EA	23	0%	23
23	10" Dia Supply Air Duct 45 Deg Elbow	EA	1	0%	1
24	10" Dia Supply Air Duct 90 Deg Elbow	EA	47	0%	47
25	12" Dia Supply Air Duct 90 Deg Elbow	EA	1	0%	1
26	14" Dia Supply Air Duct 90 Deg Elbow	EA	2	0%	2
27	16" Dia Supply Air Duct 90 Deg Elbow	EA	7	0%	7
28	18" Dia Supply Air Duct 90 Deg Elbow	EA	3	0%	3
29	10" Dia Return Air Duct 90 Deg Elbow	EA	6	0%	6
30	12" Dia Return Air Duct 90 Deg Elbow	EA	7	0%	7
31	14" Dia Return Air Duct 90 Deg Elbow	EA	2	0%	2
32	16" Dia Return Air Duct 45 Deg Elbow	EA	2	0%	2
33	16" Dia Return Air Duct 90 Deg Elbow	EA	6	0%	6
34	18" Dia Return Air Duct 45 Deg Elbow	EA	1	0%	1
35	18" Dia Return Air Duct 90 Deg Elbow	EA	4	0%	4
36	8" Dia Return Air Duct 90 Deg Elbow	EA	3	0%	3
37	6" Dia Exhaust Air Duct 90 Deg Elbow	EA	3	0%	3
Take-Off					

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: HVAC



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
38	8" / 6" Dia Supply Air Duct Takeoff	EA	1	0%	1
39	10" / 8" Dia Supply Air Duct Takeoff	EA	5	0%	5
40	12" / 6" Dia Supply Air Duct Takeoff	EA	1	0%	1
41	12" / 10" Dia Supply Air Duct Takeoff	EA	1	0%	1
42	14" / 8" Dia Supply Air Duct Takeoff	EA	2	0%	2
43	14" / 10" Dia Supply Air Duct Takeoff	EA	4	0%	4
44	16" / 6" Dia Supply Air Duct Takeoff	EA	1	0%	1
45	16" / 8" Dia Supply Air Duct Takeoff	EA	5	0%	5
46	16" / 10" Dia Supply Air Duct Takeoff	EA	17	0%	17
47	16"x16" / 8" Dia Supply Air Duct Takeoff	EA	2	0%	2
48	16"x16" / 10" Dia Supply Air Duct Takeoff	EA	1	0%	1
49	16"x16" / 14" Dia Supply Air Duct Takeoff	EA	1	0%	1
50	16"x16" / 16" Dia Supply Air Duct Takeoff	EA	7	0%	7
51	18" / 6" Dia Supply Air Duct Takeoff	EA	1	0%	1
52	18" / 10" Dia Supply Air Duct Takeoff	EA	3	0%	3
53	18"x14" / 18" Dia Supply Air Duct Takeoff	EA	2	0%	2
54	14" / 10" Dia Return Air Duct Takeoff	EA	1	0%	1
55	14" / 12" Dia Return Air Duct Takeoff	EA	2	0%	2
56	14"x14" / 16" Dia Return Air Duct Takeoff	EA	4	0%	4
57	16" / 16" Dia Return Air Duct Takeoff	EA	1	0%	1
58	18" / 18" Dia Return Air Duct Takeoff	EA	1	0%	1
59	22"x10" / 18" Dia Return Air Duct Takeoff	EA	1	0%	1
60	22"x14" / 8" Dia Return Air Duct Takeoff	EA	1	0%	1
61	22"x14" / 10" Dia Return Air Duct Takeoff	EA	2	0%	2
62	22"x14" / 12" Dia Return Air Duct Takeoff	EA	1	0%	1
63	22"x14" / 14" Dia Return Air Duct Takeoff	EA	3	0%	3
64	22"x14" / 14"x14" Return Air Duct Takeoff	EA	2	0%	2
65	22"x14" / 16" Dia Return Air Duct Takeoff	EA	3	0%	3
	Reducer				
66	8" / 6" Dia Supply Air Duct Reducer	EA	1	0%	1
67	10" / 8" Dia Supply Air Duct Reducer	EA	3	0%	3
68	12" / 10" Dia Supply Air Duct Reducer	EA	1	0%	1
69	14" / 10" Dia Supply Air Duct Reducer	EA	3	0%	3
70	16" / 10" Dia Supply Air Duct Reducer	EA	3	0%	3
71	16" / 12" Dia Supply Air Duct Reducer	EA	1	0%	1
72	16" / 14" Dia Supply Air Duct Reducer	EA	2	0%	2
73	18" / 14" Dia Supply Air Duct Reducer	EA	1	0%	1
74	18" / 16" Dia Supply Air Duct Reducer	EA	1	0%	1
75	14" / 10" Dia Return Air Duct Reducer	EA	1	0%	1
76	14" / 12" Dia Return Air Duct Reducer	EA	2	0%	2
77	16" / 8" Dia Return Air Duct Reducer	EA	1	0%	1
	Duct Couplers				

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: HVAC



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
78	8" Dia Duct Coupler	EA	2	0%	2
79	10" Dia Duct Coupler	EA	6	0%	6
80	12" Dia Duct Coupler	EA	1	0%	1
81	14" Dia Duct Coupler	EA	2	0%	2
82	16" Dia Duct Coupler	EA	5	0%	5
83	18" Dia Duct Coupler	EA	2	0%	2