

GENERAL SUMMARY

Prepared for:
Project ID:
Scope:
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	Exterior Walls	\$ -	\$ -
23000	Interior Walls	\$ -	\$ -
	TOTAL TRADE COST	\$ -	\$ -
OVERHEAD AND PROFIT		15%	\$ -
INSURANCE		0%	\$ -
CONTINGENCY		0%	\$ -
TAX		0%	\$ -
TOTAL TRADE COST		\$ -	\$ -

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: HVAC



Date: 9-Apr-22

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	0	0%	0	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
DEMOLITION									
8	Remove Existing Tank	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
9	Remove Existing Piping	LFT	510	0%	510	\$ -	\$ -	\$ -	\$ -
10	Remove Existing Roof Top Units	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
HVAC									
Chilled Water Supply Pipe									
Type "L" Copper Pipe, Fittings Shall Be Welded									
11	1-1/2" Dia Chilled Water Supply Pipe	LFT	523	10%	575	\$ -	\$ -	\$ -	\$ -
12	2" Dia Chilled Water Supply Pipe	LFT	233	10%	256	\$ -	\$ -	\$ -	\$ -
13	3" Dia Chilled Water Supply Pipe	LFT	53	10%	58	\$ -	\$ -	\$ -	\$ -
14	4" Dia Chilled Water Supply Pipe	LFT	124	10%	137	\$ -	\$ -	\$ -	\$ -
Chilled Water Supply Pipe Fittings									
Elbow									
15	1-1/2" Dia Chilled Water Supply Pipe 90 Deg Elbow	EA	23	0%	23	\$ -	\$ -	\$ -	\$ -
16	2" Dia Chilled Water Supply Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
17	3" Dia Chilled Water Supply Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Tee									
18	1-1/2" Dia Chilled Water Supply Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
19	2" / 1-1/2" Dia Chilled Water Supply Pipe Tee	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
20	3" / 1-1/2" Dia Chilled Water Supply Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
21	4" / 1-1/2" Dia Chilled Water Supply Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
22	4" / 3" Dia Chilled Water Supply Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Reducer									
23	2" / 1-1/2" Dia Chilled Water Supply Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
24	3" / 2" Dia Chilled Water Supply Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
25	4" / 3" Dia Chilled Water Supply Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Chilled Water Return Pipe									
Type "L" Copper Pipe, Fittings Shall Be Welded									
26	1-1/2" Dia Chilled Water Return Pipe	LFT	525	10%	578	\$ -	\$ -	\$ -	\$ -
27	2" Dia Chilled Water Return Pipe	LFT	228	10%	251	\$ -	\$ -	\$ -	\$ -
28	3" Dia Chilled Water Return Pipe	LFT	54	10%	59	\$ -	\$ -	\$ -	\$ -
29	4" Dia Chilled Water Return Pipe	LFT	125	10%	137	\$ -	\$ -	\$ -	\$ -
Chilled Water Return Pipe Fittings									
Elbow									
30	1-1/2" Dia Chilled Water Return Pipe 90 Deg Elbow	EA	24	0%	24	\$ -	\$ -	\$ -	\$ -
31	2" Dia Chilled Water Return Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
32	3" Dia Chilled Water Return Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Tee									
33	1-1/2" Dia Chilled Water Return Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
34	2" / 1-1/2" Dia Chilled Water Return Pipe Tee	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
35	3" / 1-1/2" Dia Chilled Water Return Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
36	4" / 1-1/2" Dia Chilled Water Return Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
37	4" / 3" Dia Chilled Water Return Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Reducer									
38	2" / 1-1/2" Dia Chilled Water Return Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
39	3" / 2" Dia Chilled Water Return Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
40	4" / 3" Dia Chilled Water Return Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Hot Water Supply Pipe									
Type "L" Copper Pipe, Fittings Shall Be Welded									
41	3/4" Dia Heating Hot Water Supply Pipe	LFT	36	10%	40	\$ -	\$ -	\$ -	\$ -
42	1-1/2" Dia Heating Hot Water Supply Pipe	LFT	626	10%	689	\$ -	\$ -	\$ -	\$ -
43	2" Dia Heating Hot Water Supply Pipe	LFT	99	10%	109	\$ -	\$ -	\$ -	\$ -
44	3" Dia Heating Hot Water Supply Pipe	LFT	80	10%	88	\$ -	\$ -	\$ -	\$ -

BREAKDOWN OF ITEMS

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
45	4" Dia Heating Hot Water Supply Pipe	LFT	125	10%	137	\$ -	\$ -	\$ -	\$ -
	Hot Water Supply Pipe Fittings								
	Elbow								
46	3/4" Dia Heating Hot Water Supply Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
47	1-1/2" Dia Heating Hot Water Supply Pipe 90 Deg Elbow	EA	25	0%	25	\$ -	\$ -	\$ -	\$ -
48	3" Dia Heating Hot Water Supply Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Tee								
49	1-1/2" Dia Heating Hot Water Supply Pipe Tee	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
50	2" / 1-1/2" Dia Heating Hot Water Supply Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
51	3" / 1-1/2" Dia Heating Hot Water Supply Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
52	4" / 3/4" Dia Heating Hot Water Supply Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
53	4" / 1-1/2" Dia Heating Hot Water Supply Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
54	4" / 3" Dia Heating Hot Water Supply Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Reducer								
55	1-1/2" / 3/4" Dia Heating Hot Water Supply Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
56	2" / 1-1/2" Dia Heating Hot Water Supply Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
57	3" / 2" Dia Heating Hot Water Supply Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
58	4" / 2" Dia Heating Hot Water Supply Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Hot Water Return Pipe								
	Type "L" Copper Pipe, Fittings Shall Be Welded								
59	3/4" Dia Heating Hot Water Return Pipe	LFT	37	10%	41	\$ -	\$ -	\$ -	\$ -
60	1-1/2" Dia Heating Hot Water Return Pipe	LFT	627	10%	690	\$ -	\$ -	\$ -	\$ -
61	2" Dia Heating Hot Water Return Pipe	LFT	97	10%	107	\$ -	\$ -	\$ -	\$ -
62	3" Dia Heating Hot Water Return Pipe	LFT	81	10%	89	\$ -	\$ -	\$ -	\$ -
63	4" Dia Heating Hot Water Return Pipe	LFT	125	10%	138	\$ -	\$ -	\$ -	\$ -
	Hot Water Return Pipe Fittings								
	Elbow								
64	3/4" Dia Heating Hot Water Return Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
65	1-1/2" Dia Heating Hot Water Return Pipe 90 Deg Elbow	EA	24	0%	24	\$ -	\$ -	\$ -	\$ -
66	2" Dia Heating Hot Water Return Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
67	3" Dia Heating Hot Water Return Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Tee								
68	1-1/2" Dia Heating Hot Water Return Pipe Tee	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
69	1-1/2" / 3/4" Dia Heating Hot Water Return Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
70	2" / 1-1/2" Dia Heating Hot Water Return Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
71	3" / 1-1/2" Dia Heating Hot Water Return Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
72	4" / 3/4" Dia Heating Hot Water Return Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
73	4" / 1-1/2" Dia Heating Hot Water Return Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
74	4" / 3" Dia Heating Hot Water Return Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Reducer								
75	2" / 1-1/2" Dia Heating Hot Water Return Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
76	3" / 2" Dia Heating Hot Water Return Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
77	4" / 2" Dia Heating Hot Water Return Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Fuel Oil Fill Line								
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
78	2" Dia Fuel Oil Fill Line	LFT	29	10%	32	\$ -	\$ -	\$ -	\$ -
	Fuel Oil Fill Line Fittings								
	Elbow								
79	2" Dia Fuel Oil Fill Line 90 Deg Elbow	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
	Fuel Oil Supply /Pump Discharge Pipe								
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
80	3/4" Dia Fuel Oil Supply / Pump Discharge Pipe	LFT	36	10%	40	\$ -	\$ -	\$ -	\$ -
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
81	3/4" Dia Fuel Oil Supply/ Pump Discharge Pipe	LFT	105	10%	116	\$ -	\$ -	\$ -	\$ -
	Fuel Oil Supply /Pump Discharge Pipe Fittings								
	Elbow								
82	3/4" Dia Fuel Oil Supply/ Pump Discharge Pipe 90 D	EA	16	0%	16	\$ -	\$ -	\$ -	\$ -
	Fuel Oil Return Pipe								
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
83	1" Dia Return Fuel Oil Piping	LFT	12	10%	13	\$ -	\$ -	\$ -	\$ -
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
84	1" Dia Return Fuel Oil Piping	LFT	9	10%	10	\$ -	\$ -	\$ -	\$ -
85	1-1/4" Dia Return Fuel Oil Piping	LFT	12	10%	13	\$ -	\$ -	\$ -	\$ -
	Fuel Oil Return Pipe Fittings								
	Elbow								
86	1" Dia Return Fuel Oil Piping 90 Deg Elbow	EA	13	0%	13	\$ -	\$ -	\$ -	\$ -
	Reducer								
87	1-1/4" / 1" Dia Return Fuel Oil Piping Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Vent Pipe (For Oil Tank)								
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
88	1-1/2" Dia Vent Pipe	LFT	26	10%	29	\$ -	\$ -	\$ -	\$ -
	Vent Pipe Fittings								
	Elbow								
89	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
	Exhaust Vent Pipe (For Gas Unit Heater)								
	Double Wall Stainless Steel Exhaust: HEATFAB								
90	3" Dia Exhaust Vent Pipe	LFT	20	10%	22	\$ -	\$ -	\$ -	\$ -
	Exhaust Vent Pipe Fittings								
	Elbow								
91	3" Dia Exhaust Vent Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Combustion Air Pipe (For Gas Unit Heater)								
	Schedule 40 PVC Pipe W/ Fittings								
92	3" Dia Combustion Air Pipe	LFT	18	10%	20	\$ -	\$ -	\$ -	\$ -
	Combustion Air Pipe Fittings								
	Elbow								
93	3" Dia Combustion Air Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Refrigerant Pipe								
	Type 'L' Hard Drawn Copper Pipe, Fittings: Cast								
94	1/4" Dia Refrigeration Liquid Pipe	LFT	1159	10%	1275	\$ -	\$ -	\$ -	\$ -
95	3/8" Dia Refrigeration Liquid Pipe	LFT	215	10%	237	\$ -	\$ -	\$ -	\$ -
96	7/8" Dia Refrigeration Liquid Pipe	LFT	76	10%	84	\$ -	\$ -	\$ -	\$ -
97	1/2" Dia Refrigeration Suction Pipe	LFT	1169	10%	1286	\$ -	\$ -	\$ -	\$ -
98	3/4" Dia Refrigeration Suction Pipe	LFT	61	10%	67	\$ -	\$ -	\$ -	\$ -
99	5/8" Dia Refrigeration Suction Pipe	LFT	155	10%	171	\$ -	\$ -	\$ -	\$ -
100	1-1/8" Dia Refrigeration Suction Pipe	LFT	76	10%	84	\$ -	\$ -	\$ -	\$ -
101	7/8" Dia Refrigeration Gas Pipe	LFT	61	10%	67	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1-1/2" Thick, J-M Aero tube Foamed Plastic Pipe								
102	1/4" Dia Refrigeration Liquid Pipe	LFT	1159	10%	1275	\$ -	\$ -	\$ -	\$ -
103	3/8" Dia Refrigeration Liquid Pipe	LFT	215	10%	237	\$ -	\$ -	\$ -	\$ -
104	7/8" Dia Refrigeration Liquid Pipe	LFT	76	10%	84	\$ -	\$ -	\$ -	\$ -
105	1/2" Dia Refrigeration Suction Pipe	LFT	1169	10%	1286	\$ -	\$ -	\$ -	\$ -
106	3/4" Dia Refrigeration Suction Pipe	LFT	61	10%	67	\$ -	\$ -	\$ -	\$ -
107	5/8" Dia Refrigeration Suction Pipe	LFT	155	10%	171	\$ -	\$ -	\$ -	\$ -
108	1-1/8" Dia Refrigeration Suction Pipe	LFT	76	10%	84	\$ -	\$ -	\$ -	\$ -
109	7/8" Dia Refrigeration Gas Pipe	LFT	61	10%	67	\$ -	\$ -	\$ -	\$ -
	Refrigerant Pipe Fittings								
	Elbow								
110	1/4" Dia Refrigeration Liquid Pipe 90 Deg Elbow	EA	135	0%	135	\$ -	\$ -	\$ -	\$ -
111	3/8" Dia Refrigeration Liquid Pipe 90 Deg Elbow	EA	20	0%	20	\$ -	\$ -	\$ -	\$ -
112	7/8" Dia Refrigeration Liquid Pipe 90 Deg Elbow	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
113	7/8" Dia Refrigeration Liquid Pipe 45 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
114	1/2" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	135	0%	135	\$ -	\$ -	\$ -	\$ -
115	3/4" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	15	0%	15	\$ -	\$ -	\$ -	\$ -
116	5/8" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	15	0%	15	\$ -	\$ -	\$ -	\$ -
117	1-1/8" Dia Refrigeration Suction Pipe 90 Deg Elbow	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
118	1-1/8" Dia Refrigeration Suction Pipe 45 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
119	7/8" Dia Refrigeration Gas Pipe 90 Deg Elbow	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
	Tee								
120	3/8" / 1/4" Dia Refrigeration Gas Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -

BREAKDOWN OF ITEMS

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
121	5/8" / 1/2" Dia Refrigeration Suction Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
122	3/8" / 1/4" Dia Refrigeration Liquid Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
123	5/8" / 1/2" Dia Refrigeration Suction Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Drain Pipe (For Oil Tank)								
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
124	1-1/4" Dia Drain Pipe	LFT	15	10%	16	\$ -	\$ -	\$ -	\$ -
	Schedule 40, Steel Pipe ASTM A 53 Or ASTM A								
125	1-1/4" Dia Drain Pipe	LFT	66	10%	73	\$ -	\$ -	\$ -	\$ -
	Drain Pipe Fittings								
	Elbow								
126	1-1/4" Dia Drain Pipe 90 Deg Elbow	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
	Condensate Drain Pipe								
	Type "L" Hard Drawn Copper Pipe, Fittings: Cast								
127	3/4" Dia Condensate Drain Pipe	LFT	976	10%	1073	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1/2" Thick, J-M Aero tube Foamed Plastic Pipe								
128	3/4" Dia Condensate Drain Pipe	LFT	976	10%	1073	\$ -	\$ -	\$ -	\$ -
	Condensate Drain Pipe Fittings								
	Elbow								
129	3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	83	0%	83	\$ -	\$ -	\$ -	\$ -
	Packaged AC-Units (UL Listed)								
130	RT-2-1, Packaged AC-Unit, CARRIER 48HCDAO6D2A6	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
131	RT-3-1, Packaged AC-Unit, CARRIER 48HCDAO6D2A6	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Air Conditioning Units (For CU-1)								
132	AC-C-1, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
133	AC-C-2, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
134	AC-C-6, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
135	AC-1-1, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
136	AC-1-2, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
137	AC-1-3, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
138	AC-1-4, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
139	AC-1-5, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
140	AC-3-1, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
141	AC-3-2, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
142	AC-3-3, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
143	AC-3-4, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
144	AC-4-1, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
145	AC-4-2, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
146	AC-4-3, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
147	AC-4-4, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
148	AC-4-5, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
149	AC-4-6, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
150	AC-5-1, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
151	AC-5-2, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
152	AC-5-3, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
153	AC-5-4, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
154	AC-5-5, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
155	AC-5-6, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Air Conditioning Units (For CU-2)								
156	AC-C-3, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
157	AC-C-4, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
158	AC-C-5, Air Conditioning Unit, MITSUBISHI ELECTRIC (C	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Condensing Units								
159	CU-1, Condensing Unit, CITY MULTI MITSUBISHI PURY-	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
160	CU-2, Condensing Unit, CITY MULTI MITSUBISHI PUM	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Gas Unit Heater								
161	UH-1, Gas Unit Heater, MODINE PTC-55, Input BTU/H	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Pump								
162	Fuel Oil Transfer Pump, CITY MULTI Model LC	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Generator								
163	Emergency Generator, KOHLER Model 30REOZK (31	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Tanks								
164	55 Gallon Oil Tank With Detection Alarm, Arranged T	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
165	Fuel Oil Tank No. 2, NYC Approved 275 Gallon Dese	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Non Restrictive Head And Storm Collar (For Gas								
166	3" Round Top Non Restrictive Head And Storm Collar.	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Fuel Oil System Piping Accessories								

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: HVAC



Date: 9-Apr-22

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
167	3/4" Dia Anti-Siphon Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
168	3/4" Dia Check Valve	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
169	3/4" Dia Duplex Strainer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
170	3/4" Dia Foot Valve Mounted 4" Above Bottom Of Tank	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
171	3/4" Dia Pressure Relief Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
172	3/4" Dia Shut-Off Valve	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
173	3/4" Dia Union	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
174	1-1/2" Dia Vent Cap	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
175	1-1/2" Dia Vent Whistle	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
176	2" Dia Fill Station With PREFERRED Model 1-15 (FDNY)	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
177	Pressure Gauge	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
178	Tank Gauge	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	PVC Coupling								
179	3" Dia	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Pipe Support								
180	1/4" Dia Adjustable Clevis Hanger	EA	193	0%	193	\$ -	\$ -	\$ -	\$ -
181	1/2" Dia Adjustable Clevis Hanger	EA	194	0%	194	\$ -	\$ -	\$ -	\$ -
182	3/4" Dia Adjustable Clevis Hanger	EA	195	0%	195	\$ -	\$ -	\$ -	\$ -
183	3/8" Dia Adjustable Clevis Hanger	EA	35	0%	35	\$ -	\$ -	\$ -	\$ -
184	5/8" Dia Adjustable Clevis Hanger	EA	25	0%	25	\$ -	\$ -	\$ -	\$ -
185	7/8" Dia Adjustable Clevis Hanger	EA	22	0%	22	\$ -	\$ -	\$ -	\$ -
186	1" Dia Adjustable Clevis Hanger	EA	21	0%	21	\$ -	\$ -	\$ -	\$ -
187	1-1/8" Dia Adjustable Clevis Hanger	EA	12	0%	12	\$ -	\$ -	\$ -	\$ -
188	1-1/4" Dia Adjustable Clevis Hanger	EA	15	0%	15	\$ -	\$ -	\$ -	\$ -
189	1-1/2" Dia Adjustable Clevis Hanger	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
190	2" Dia Adjustable Clevis Hanger	EA	45	0%	45	\$ -	\$ -	\$ -	\$ -
191	3" Dia Adjustable Clevis Hanger	EA	33	0%	33	\$ -	\$ -	\$ -	\$ -
192	4" Dia Adjustable Clevis Hanger	EA	25	0%	25	\$ -	\$ -	\$ -	\$ -
193	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	716	0%	716	\$ -	\$ -	\$ -	\$ -
194	3/8" Dia Threaded Rod (1 Ea = 1 FT)	EA	103	0%	103	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
PROJECTED COST									\$0
ERHEAD AND PROFIT							0.15	0.15	\$0
INSURANCE							0	0	\$0
CONTINGENCY							0	0	\$0
TAX							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.