



Job Name:  
Address:  
Date:

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR HRS	TOTAL LABOR HRS	UNIT MATERIAL	UNIT LABOR	UNIT MAT/UNIT LAB	TOTAL COST	TRADE COST
<b>GENERAL REQUIREMENTS</b>												
1	Permit (.07% of project value)	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
2	Site development	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
3	Variance	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
4	Expediter	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
5	Private inspections	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
6	Recompense (city of Atl)	0	trees	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
7	Cover/protect	0	ea	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
8	Cover/protect materials	0	ea	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
9	Debris haul off	0	load	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
10	Dumpster	0	units	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
11	Portolet	0	mo	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
12	Site cleaning	0	hrs	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Sub Total</b>												\$0

<b>EXISTING CONDITIONS / DEMOLITION</b>												
<b>MECHANICAL</b>												
<b>DEMOLITION</b>												
<b>MAIN FLOOR</b>												
<b>Piping</b>												
<b>Refrigerant Pipe Suction Pipe 'REF-S'</b>												
13	Remove (1/4".Dia) Refrigerant Pipe Suction Pipe 'REF-S'	77	LF	0%	77.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
14	Remove (1/2".Dia) Refrigerant Pipe Suction Pipe 'REF-S'	12	LF	0%	12.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
15	Remove (3/8".Dia) Refrigerant Pipe Suction Pipe 'REF-S'	89	LF	0%	89.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Refrigerant Pipe Liquid Pipe 'REF-L'</b>												
16	Remove (1/4".Dia) Refrigerant Pipe Liquid Pipe 'REF-L'	11	LF	0%	11.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
17	Remove (1/2".Dia) Refrigerant Pipe Liquid Pipe 'REF-L'	73	LF	0%	73.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
18	Remove (5/8".Dia) Refrigerant Pipe Liquid Pipe 'REF-L'	88	LF	0%	88.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Fixtures</b>												
<b>Diffusers</b>												
19	Remove (6 x 6) Supply Air Diffuser	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
20	Remove (12 x 12) Supply Air Diffuser	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Variable Refrigerant Flows 'VRF'</b>												
21	Remove Variable Refrigerant Flow System 'VRF-1'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
22	Remove Variable Refrigerant System Flow 'VRF-2'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
23	Remove Variable Refrigerant Flow System 'VRF-3'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
24	Remove Variable Refrigerant Flow System 'VRF-4'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
25	Remove Variable Refrigerant Flow System 'VRF-5'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
26	Remove Variable Refrigerant Flow System 'VRF-6'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
27	Remove Variable Refrigerant Flow System 'VRF-7'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Outdoor Units</b>												
28	Remove Outdoor Unit '1'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
29	Remove Outdoor Unit '2'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
30	Remove Outdoor Unit '3'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Sensors</b>												
31	Remove Thermostat 'T'	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>ELECTRICAL</b>												
<b>RELOCATED ITEMS</b>												
<b>MAIN FLOOR</b>												
32	Existing Single Pole Light Switch To Be Relocated	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Sub Total</b>												\$0

<b>HEATING VENTILATION &amp; AIR CONDITIONING - HVAC</b>												
<b>PROPOSED</b>												
<b>MAIN FLOOR</b>												
<b>Ducts</b>												
<b>Return Air Duct 'RAD'</b>												
33	(6 x 6) Return Air Duct 'RAD' - Material: Galvanized Sheet Metal - Insulation: Flexible Duct Wrap Glass Fiber ASTM C1290, TYPE III	33	LF	0%	33.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Flexible Duct</b>												
34	(6".Dia) Flexible Air Duct 'RAD' - Material: Galvanized Sheet Metal - Insulation: Flexible Duct Wrap Glass Fiber ASTM C1290, TYPE III	5	LF	0%	5.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Piping</b>												
<b>Refrigerant Pipe Suction Pipe 'REF-S'</b>												
35	(1/4".Dia) Refrigerant Pipe Suction Pipe 'REF-S' - Material: Type ACR COPPER TUBING - Insulation: Flexible Elastomeric Cellular ASTM C534	300	LF	0%	300.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Refrigerant Pipe Liquid Pipe 'REF-L'</b>												
36	(1/2".Dia) Refrigerant Pipe Liquid Pipe 'REF-L' - Material: Type ACR COPPER TUBING - Insulation: Flexible Elastomeric Cellular ASTM C534	180	LF	0%	180.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
37	(3/8".Dia) Refrigerant Pipe Liquid Pipe 'REF-L' - Material: Type ACR COPPER TUBING - Insulation: Flexible Elastomeric Cellular ASTM C534	124	LF	0%	124.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Fittings</b>												
<b>Bends</b>												
38	(6 x 6 & 90 Degree) Return Air Duct 'RAD' Bend	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
39	(1/4".Dia & 90 Degree) Refrigerant Pipe Suction Pipe 'REF-S' Bend	44	EA	0%	44.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
40	(1/2".Dia & 90 Degree) Refrigerant Pipe Liquid Pipe 'REF-L' Bend	30	EA	0%	30.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
41	(3/8".Dia & 90 Degree) Refrigerant Pipe Liquid Pipe 'REF-L' Bend	20	EA	0%	20.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Connections</b>												
42	(1/4".Dia) Refrigerant Pipe Suction Pipe 'REF-S' Connection From Existing To New	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
43	(1/2".Dia) Refrigerant Pipe Liquid Pipe 'REF-L' Connection From Existing To New	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>End Caps</b>												
44	Duct End Cap	3	EA	0%	3.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Connections</b>												
45	(6 x 6) Return Air Duct Connection From Existing To New	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Fixtures</b>												
<b>Diffusers</b>												
46	Supply Air Plenum For Fan Coil Unit	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
47	(6 x 6) Supply Air Diffuser 'E' w/ 75 CFM	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
48	(6 x 6) Supply Air Diffuser 'E' w/ 100 CFM	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
49	(12 x 12) Supply Air Diffuser 'A' w/ 100 CFM	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
50	(6 x 6) Return Air Diffuser 'F' w/ 75 CFM	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	



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<b>Fan Coil Units 'FCU'</b>												
51	Fan Coil Unit 'FCU-1' - Manufacturer: CARRIER - Model: 40MBDQ12---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
52	Fan Coil Unit 'FCU-2' - Manufacturer: CARRIER - Model: 40MBDQ12---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
53	Fan Coil Unit 'FCU-3' - Manufacturer: CARRIER - Model: 40MBDQ12---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
54	Fan Coil Unit 'FCU-4' - Manufacturer: CARRIER - Model: 40MBDQ09---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
55	Fan Coil Unit 'FCU-5' - Manufacturer: CARRIER - Model: 40MBDQ09---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
56	Fan Coil Unit 'FCU-6' - Manufacturer: CARRIER - Model: 40MBDQ09---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
57	Fan Coil Unit 'FCU-7' - Manufacturer: CARRIER - Model: 40MBDQ24---3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Heat Pumps 'HP'</b>												
58	Heat Pump 'HP-1' - Manufacturer: CARRIER - Model: 38MBRBQ36AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
59	Heat Pump 'HP-2' - Manufacturer: CARRIER - Model: 38MBRBQ12AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
60	Heat Pump 'HP-3' - Manufacturer: CARRIER - Model: 38MBRBQ12AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
61	Heat Pump 'HP-4' - Manufacturer: CARRIER - Model: 38MBRBQ09AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
62	Heat Pump 'HP-5' - Manufacturer: CARRIER - Model: 38MBRBQ09AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
63	Heat Pump 'HP-6' - Manufacturer: CARRIER - Model: 38MBRBQ09AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
64	Heat Pump 'HP-7' - Manufacturer: CARRIER - Model: 38MBRBQ18AA3	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Sensors</b>												
65	Thermostate 'T'	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Dampers</b>												
66	(6 x 6) Balancing Damper	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
<b>Access Panels 'AP'</b>												
67	(45" x 30") Access Panel 'AP'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
											<b>Sub Total</b>	<b>\$0</b>

**PROJECTED COST**

**OVERHEAD**

15%

\$

**CONTINGENCY**

8%

\$

**INSURANCE**

3%

\$

**SUGGESTED BID**

\$