



CS ESTIMATING

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
GENERAL REQUIREMENTS												
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	\$ -	\$ -	\$ -	\$ -	
Sub Total												\$0

EXISTING CONDITIONS / DEMOLITION												
MECHANICAL												
DEMOLITION												
MAIN FLOOR												
Piping												
Refrigerant Pipe Suction Pipe 'REF-S'												
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	\$ -	\$ -	\$ -	\$ -	
Refrigerant Pipe Liquid Pipe 'REF-L'												
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	\$ -	\$ -	\$ -	\$ -	
Fixtures												
Diffusers												
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	\$ -	\$ -	\$ -	\$ -	
Variable Refrigerant Flows 'VRF'												
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	\$ -	\$ -	\$ -	\$ -	
Outdoor Units												
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	\$ -	\$ -	\$ -	\$ -	
Sensors												
31	Remove Thermostat 'T'	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
ELECTRICAL												
RELOCATED ITEMS												
MAIN FLOOR												
32	Existing Single Pole Light Switch To Be Relocated	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Sub Total												\$0

HEATING VENTILATION & AIR CONDITIONING - HVAC												
PROPOSED												
MAIN FLOOR												
Ducts												
Return Air Duct 'RAD'												
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	\$ -	\$ -	\$ -	\$ -	
Flexible Duct												
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	\$ -	\$ -	\$ -	\$ -	
Piping												
Refrigerant Pipe Suction Pipe 'REF-S'												
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	\$ -	\$ -	\$ -	\$ -	
Refrigerant Pipe Liquid Pipe 'REF-L'												
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	\$ -	\$ -	\$ -	\$ -	
Fittings												
Bends												
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	\$ -	\$ -	\$ -	\$ -	
Connections												
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	\$ -	\$ -	\$ -	\$ -	
End Caps												
44	Duct End Cap	3	EA	0%	3.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Connections												
45	(6 x 6) Return Air Duct Connection From Existing To New	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Fixtures												
46	Supply Air Plenum For Fan Coil Unit	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Diffusers												
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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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
Fan Coil Units 'FCU'												
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	\$ -	\$ -	\$ -	\$ -	
Heat Pumps 'HP'												
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	\$ -	\$ -	\$ -	\$ -	
Sensors												
65	Thermostate 'T'	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Dampers												
66	(6 x 6) Balancing Damper	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Access Panels 'AP'												
67	(45" x 30") Access Panel 'AP'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
											Sub Total	\$0

PROJECTED COST

OVERHEAD

15%

\$

CONTINGENCY

8%

\$

INSURANCE

3%

\$

SUGGESTED BID

\$