

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Title: Maxwell Terrace Apts Veteran's Housing
Project Update:
Location: 2803 W. Arlington Street, Orlando, FL 32805 Building B-3RD Floor
Bid Date/Time/Due: Friday, May 09, 2025
Bid Phase: Bidding
Scope of Work: MECHANICAL & HVAC
Project Type: Open Shop/Non Union
Client ID: -
Project ID: -

Sr #	DRAWING REF.	DESCRIPTION	QUANTITIES			UNIT	MATERIAL		LABOR			TOTAL COST	REMARKS	TRADE COST
			QUANTITY	WASTAGE	TOTAL QTY		COST/UNIT	TOTAL	UNIT HOURS	COST/HR	MANHOURS			
23. HEAT, VENTILATION, AND AIR CONDITIONING (HVAC)														
													Labor/Hour (\$ 46.00)	\$102,964
		Duct Work												
		Supply Air												
1		10" X 12" Dia Supply Air Duct	58.2	10%	64.1	L	(\$ 15.30)	(\$ 980.64)	0.13	(\$ 46.00)	8.6	(\$ 395)	(\$ 1,376)	
2		6" Dia Supply Air Duct	2.5	10%	2.7	F	(\$ 7.98)	(\$ 21.88)	0.09	(\$ 46.00)	0.2	(\$ 11)	(\$ 33)	
3		6" Dia Supply Air Flexible Duct	14.3	10%	15.8	L	(\$ 7.98)	(\$ 125.80)	0.09	(\$ 46.00)	1.4	(\$ 65)	(\$ 190)	
4		7" Dia Supply Air Duct	2.4	10%	2.7	F	(\$ 8.83)	(\$ 23.49)	0.10	(\$ 46.00)	0.3	(\$ 12)	(\$ 36)	
5		7" Dia Supply Air Flexible Duct	11.0	10%	12.1	L	(\$ 8.83)	(\$ 106.69)	0.10	(\$ 46.00)	1.2	(\$ 56)	(\$ 162)	
6		8" Dia Supply Air Duct	4.9	10%	5.3	F	(\$ 10.57)	(\$ 56.47)	0.12	(\$ 46.00)	0.6	(\$ 29)	(\$ 86)	
7		8" Dia Supply Air Flexible Duct	31.9	10%	35.1	L	(\$ 10.57)	(\$ 371.39)	0.12	(\$ 46.00)	4.2	(\$ 194)	(\$ 565)	
		Return Air												
8		12" X 12" Dia Return Air Duct	50.5	10%	55.5	L	(\$ 18.79)	(\$ 1,043.51)	0.18	(\$ 46.00)	10.0	(\$ 460)	(\$ 1,503)	
9		4" Dia Return Air Duct	19.0	10%	20.9	F	(\$ 6.05)	(\$ 126.40)	0.07	(\$ 46.00)	1.4	(\$ 64)	(\$ 191)	
		Exhaust Air												
10		6" Dia Exhaust Air Duct	43.1	10%	47.4	LF	(\$ 7.98)	(\$ 378.26)	0.09	(\$ 46.00)	4.2	(\$ 194)	(\$ 572)	
		Condensate Drain Line												
11		3/4" Condensate Drain	103.0	10%	113.3	LF	(\$ 8.84)	(\$ 1,001.21)	0.16	(\$ 46.00)	17.6	(\$ 811)	(\$ 1,812)	
		Refrigeration Line												
12		Refrigerant Line	53.0	10%	58.3	LF	(\$ 8.84)	(\$ 515.19)	0.16	(\$ 46.00)	9.1	(\$ 417)	(\$ 932)	
		Elbows												
		Supply Air												
13		10" X 12" Elbow-Joint	7.0	0%	7.0	E	(\$ 47.60)	(\$ 333.20)	0.56	(\$ 46.00)	3.9	(\$ 179)	(\$ 512)	
14		10" X 12" Elbow-Joint, 45°	6.0	0%	6.0	A	(\$ 47.60)	(\$ 285.60)	0.56	(\$ 46.00)	3.3	(\$ 153)	(\$ 439)	
15		4" Elbow-Joint	1.0	0%	1.0	E	(\$ 26.88)	(\$ 26.88)	0.44	(\$ 46.00)	0.4	(\$ 20)	(\$ 47)	
16		4" Elbow-Joint, 45°	2.0	0%	2.0	A	(\$ 26.88)	(\$ 53.76)	0.44	(\$ 46.00)	0.9	(\$ 40)	(\$ 94)	
		Return Air												
17		12" X 12" Elbow-Joint	6.0	0%	6.0	E	(\$ 56.60)	(\$ 339.60)	0.65	(\$ 46.00)	3.9	(\$ 179)	(\$ 519)	
18		12" X 12" Elbow-Joint, 45°	6.0	0%	6.0	A	(\$ 56.60)	(\$ 339.60)	0.65	(\$ 46.00)	3.9	(\$ 179)	(\$ 519)	
19		4" Elbow-Joint	7.0	0%	7.0	E	(\$ 26.88)	(\$ 188.16)	0.44	(\$ 46.00)	3.1	(\$ 142)	(\$ 330)	
		Exhaust Air												
20		6" Elbow-Joint	9.0	0%	9.0	EA	(\$ 32.30)	(\$ 290.70)	0.49	(\$ 46.00)	4.4	(\$ 202)	(\$ 492)	
		Side Transitions												
		Supply Air												
21	M000	6" Supply Air Side Transition	5.0	0%	5.0	E	(\$ 36.50)	(\$ 182.50)	0.54	(\$ 46.00)	2.7	(\$ 124)	(\$ 307)	
22	M101	7" Supply Air Side Transition	5.0	0%	5.0	A	(\$ 41.20)	(\$ 206.00)	0.54	(\$ 46.00)	2.7	(\$ 124)	(\$ 330)	
23	M102 M600 M700 M701	8" Supply Air Side Transition	10.0	0%	10.0	E	(\$ 44.60)	(\$ 446.00)	0.54	(\$ 46.00)	5.4	(\$ 248)	(\$ 694)	
		Dampers												
24		10" X 12" Fire Damper, Manufacturer: Ruskin	6.0	0%	6.0	E	(\$ 142.20)	(\$ 853.20)	0.85	(\$ 46.00)	5.1	(\$ 235)	(\$ 1,088)	
25		12" X 12" Fire Damper, Manufacturer: Ruskin	8.0	0%	8.0	A	(\$ 154.00)	(\$ 1,232.00)	0.85	(\$ 46.00)	6.8	(\$ 313)	(\$ 1,545)	
26		4" Motorized Damper	4.0	0%	4.0	E	(\$ 78.34)	(\$ 313.36)	0.67	(\$ 46.00)	2.7	(\$ 123)	(\$ 436)	
27		4" Motorized Volume Damper	4.0	0%	4.0	A	(\$ 119.20)	(\$ 476.80)	0.75	(\$ 46.00)	3.0	(\$ 138)	(\$ 615)	
		Grilles & Diffusers												
28		Tag: A, 14" X 8" Supply Air Duct, Manufacturer: Titus, Model#: 250-Aa, 150 Cfm	5.0	0%	5.0	E	(\$ 122.34)	(\$ 611.70)	1.00	(\$ 46.00)	5.0	(\$ 230)	(\$ 842)	
29		Tag: A, 14" X 8" Supply Air Duct, Manufacturer: Titus, Model#: 250-Aa, 200 Cfm	10.0	0%	10.0	A	(\$ 122.34)	(\$ 1,223.40)	1.00	(\$ 46.00)	10.0	(\$ 460)	(\$ 1,683)	
30		Tag: A, 8" X 4" Supply Air Duct, Manufacturer: Titus, Model#: 250-Aa, 50 Cfm	5.0	0%	5.0	E	(\$ 82.30)	(\$ 411.50)	0.89	(\$ 46.00)	4.4	(\$ 204)	(\$ 618)	
31		Tag: B, 20" X 12" Return Air Duct, Manufacturer: Titus, Model#: 350-Rl	8.0	0%	8.0	A	(\$ 178.34)	(\$ 1,426.72)	1.00	(\$ 46.00)	8.0	(\$ 368)	(\$ 1,795)	
		Equipments												
32		Tag: Aho-A, Air Handling Unit, Manufacturer: Trane, Model#: Tmm480a188215a	4.0	0%	4.0	E	(\$ 3,347.55)	(\$ 13,390.20)	6.00	(\$ 46.00)	24.0	(\$ 1,104)	(\$ 14,494)	
33		1" Disposable Filter	4.0	0%	4.0	A	(\$ 338.40)	(\$ 1,353.60)	2.00	(\$ 46.00)	8.0	(\$ 368)	(\$ 1,722)	
34		Tag: Aho-B, Air Handling Unit, Manufacturer: Trane, Model#: Ntxcs12A11212a	1.0	0%	1.0	E	2,799.30	(\$ 2,799.30)	6.00	(\$ 46.00)	6.0	(\$ 276)	(\$ 3,075)	
35		1" Disposable Filter	1.0	0%	1.0	A	338.40	(\$ 338.40)	2.00	(\$ 46.00)	2.0	(\$ 92)	(\$ 430)	
36		Tag: Cu-A, Condensing Unit, Manufacturer: Trane, Model#: Atwr4016G1000A	5.0	0%	5.0	E	7,745.00	(\$ 38,725.00)	12.00	(\$ 46.00)	60.0	(\$ 2,760)	(\$ 41,485)	
37		Threaded Cap	5.0	0%	5.0	A	144.56	(\$ 722.80)	1.40	(\$ 46.00)	7.0	(\$ 322)	(\$ 1,045)	
38		Union	5.0	0%	5.0	E	88.34	(\$ 441.68)	0.83	(\$ 46.00)	3.8	(\$ 175)	(\$ 632)	
39		P-Trap	5.0	0%	5.0	A	178.00	(\$ 890.00)	1.00	(\$ 46.00)	5.0	(\$ 230)	(\$ 1,120)	
40		2" 16 Gage Straps	20.0	0%	20.0	E	44.50	(\$ 890.00)	0.34	(\$ 46.00)	6.8	(\$ 313)	(\$ 1,203)	
41		1/4" X 1-1/2" Long Tex Screws	40.0	0%	40.0	A	4.50	(\$ 180.00)	0.05	(\$ 46.00)	1.8	(\$ 83)	(\$ 253)	
42		Concretet Pad With (8) 1/4" X 1-1/2" Long Lag Bolts	5.0	0%	5.0	E	120.00	(\$ 600.00)	2.00	(\$ 46.00)	10.0	(\$ 460)	(\$ 1,060)	
43		Tag: Cu-B, Condensing Unit, Manufacturer: Trane, Model#: Ntxcs12A11212a	1.0	0%	1.0	E	6,877.30	(\$ 6,877.30)	12.00	(\$ 46.00)	12.0	(\$ 552)	(\$ 7,429)	
44		Threaded Cap	1.0	0%	1.0	E	144.56	(\$ 144.56)	1.40	(\$ 46.00)	7.0	(\$ 322)	(\$ 1,045)	
45		Union	1.0	0%	1.0	A	88.34	(\$ 88.34)	0.83	(\$ 46.00)	3.8	(\$ 175)	(\$ 617)	
46		P-Trap	1.0	0%	1.0	E	178.00	(\$ 178.00)	1.00	(\$ 46.00)	1.0	(\$ 46)	(\$ 224)	
47		2" 16 Gage Straps	4.0	0%	4.0	A	44.50	(\$ 178.00)	0.34	(\$ 46.00)	1.4	(\$ 65)	(\$ 210)	
48		1/4" X 1-1/2" Long Tex Screws	8.0	0%	8.0	E	4.50	(\$ 36.00)	0.05	(\$ 46.00)	0.4	(\$ 17)	(\$ 53)	
49		Concretet Pad With (8) 1/4" X 1-1/2" Long Lag Bolts	1.0	0%	1.0	A	120.00	(\$ 120.00)	2.00	(\$ 46.00)	2.0	(\$ 92)	(\$ 212)	
50		Tag: EF-A, Exhaust Fan, Manufacturer: Greenheck, Model#: Sp-A125, 100 Cfm	5.0	0%	5.0	E	335.40	(\$ 1,677.00)	2.80	(\$ 46.00)	14.0	(\$ 644)	(\$ 2,321)	
51		Threaded Steel Hanger Rods	10.0	0%	10.0	A	43.40	(\$ 434.00)	0.77	(\$ 46.00)	3.6	(\$ 166)	(\$ 790)	
52		Backdraft Damper	5.0	0%	5.0	E	114.30	(\$ 571.50)	1.00	(\$ 46.00)	5.0	(\$ 230)	(\$ 802)	
		Accessories												
53		Thermostates	5.0	0%	5.0	EA	(\$ 221.00)	(\$ 1,105.00)	1.46	(\$ 46.00)	7.3	(\$ 336)	(\$ 1,441)	
		Wall Caps												
54		Hooded Wall Cap, Greenheck Wc-4	6.0	0%	6.0	E	(\$ 115.40)	(\$ 692.40)	1.00	(\$ 46.00)	6.0	(\$ 276)	(\$ 968)	
55		Hooded Wall Cap, Greenheck Wc-6	6.0	0%	6.0	A	(\$ 163.40)	(\$ 980.40)	1.00	(\$ 46.00)	6.0	(\$ 276)	(\$ 1,256)	



Material Cost	A	(\$ 87,405)
Labor Cost	E	(\$ 15,558)
Sub Total	A	(\$ 102,964)
Profit	10%	(\$ 10,296)
Over Head	10%	(\$ 10,296)
Insurance	8%	(\$ 8,237)
Taxes	9%	(\$ 9,267)
Contingencies	5%	(\$ 5,148)
Net Total		(\$ 128,704)

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Notes for Clients:
THIS EXCEL STATEMENT IS EDITABLE AND CAN BE MODIFIED AS REQUIRED.
CHANGE IN PERCENTAGES WILL CHANGE THE AMOUNT REFLECTING OF RESPECTIVE HEAD.
INSURANCE AND TAXES PERCENTAGES NEEDS TO BE ADDED.

