

Estimate of Materials and Cost of Construction



Project Name:
Address:
Date:

Summary	Amount
Subtotal	\$ 5,243,997
Profit/Overhead	\$ 1,310,999
Total	\$ 6,554,996

ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	EQUIPMENT COST	ITEM COST	TRADE COST
HVAC												\$ 5,243,997
Garage												
1	M099 TO M100	5" over drain flue	446	5%	468	lf	\$ 65.00	\$ 10,653.80	\$ 15,219.80	\$ 4,565.90	\$ 30,440	
2	M099 TO M100	6" Fire pipe line	5	5%	5	lf	\$ 75.00	\$ 137.80	\$ 196.90	\$ 59.10	\$ 394	
3	M099 TO M100	6" Sewer line pipe	5	5%	5	lf	\$ 75.00	\$ 137.80	\$ 196.90	\$ 59.10	\$ 394	
4	M099 TO M100	6" Water pipe line	15	5%	16	lf	\$ 75.00	\$ 413.40	\$ 590.60	\$ 177.20	\$ 1,181	
5	M099 TO M100	8" Fire pipe line	7	5%	7	lf	\$ 90.00	\$ 231.50	\$ 330.80	\$ 99.20	\$ 662	
6	M099 TO M100	8" Over drain flue	232	5%	244	lf	\$ 90.00	\$ 7,673.40	\$ 10,962.00	\$ 3,288.60	\$ 21,924	
7	M099 TO M100	8" Sewer pipe line	14	5%	15	lf	\$ 90.00	\$ 463.10	\$ 661.50	\$ 198.50	\$ 1,323	
8	M099 TO M100	12" Over drain flue	38	5%	40	lf	\$ 110.00	\$ 1,536.20	\$ 2,194.50	\$ 658.40	\$ 4,389	
9	M099 TO M100	14" Over drain flue	214	5%	225	lf	\$ 130.00	\$ 10,223.90	\$ 14,605.50	\$ 4,381.70	\$ 29,211	
10	M099 TO M100	Backdraft damper	26	0%	26	ea	\$ 450.00	\$ 4,095.00	\$ 5,850.00	\$ 1,755.00	\$ 11,700	
11	M099 TO M100	Gas unit heater 120 v	17	0%	17	ea	\$ 1,800.00	\$ 10,710.00	\$ 15,300.00	\$ 4,590.00	\$ 30,600	
12	M099 TO M100	GSF-N-4 208V	1	0%	1	ea	\$ 1,200.00	\$ 420.00	\$ 600.00	\$ 180.00	\$ 1,200	
13	M099 TO M100	Heating ventilating & air	1	0%	1	ea	\$ 12,000.00	\$ 4,200.00	\$ 6,000.00	\$ 1,800.00	\$ 12,000	
M099 TO M100 Duct												
14	M099 TO M100	6x4 duct	36	5%	38	lf	\$ 12.00	\$ 158.80	\$ 226.80	\$ 68.00	\$ 454	
15	M099 TO M100	12x8 duct	11	5%	12	lf	\$ 24.00	\$ 97.00	\$ 138.60	\$ 41.60	\$ 277	
16	M099 TO M100	46x46 duct	31	5%	33	lf	\$ 92.00	\$ 1,048.10	\$ 1,497.30	\$ 449.20	\$ 2,995	
M099 TO M100 Supply device												
17	M099 TO M100	Supply diffuser 215 CFM	1	0%	1	ea	\$ 430.00	\$ 150.50	\$ 215.00	\$ 64.50	\$ 430	
Building A												
Duct												
18	M101A TO 104A	4" Round rigid air duct	2,300	5%	2,415	lf	\$ 8.00	\$ 6,762.00	\$ 9,660.00	\$ 2,898.00	\$ 19,320	
19	M101A TO 104A	4" Telecome	10	5%	11	lf	\$ 8.00	\$ 29.40	\$ 42.00	\$ 12.60	\$ 84	
20	M101A TO 104A	6" Round rigid air duct	353	5%	371	lf	\$ 12.00	\$ 1,556.70	\$ 2,223.90	\$ 667.20	\$ 4,448	
21	M101A TO 104A	6x6 duct	23	5%	24	lf	\$ 12.00	\$ 101.40	\$ 144.90	\$ 43.50	\$ 290	
22	M101A TO 104A	8" Round duct	153	5%	161	lf	\$ 12.00	\$ 674.70	\$ 963.90	\$ 289.20	\$ 1,928	
23	M101A TO 104A	8x8 duct	14	5%	15	lf	\$ 16.00	\$ 82.30	\$ 117.60	\$ 35.30	\$ 235	
24	M101A TO 104A	8X8 duct	5	5%	5	lf	\$ 16.00	\$ 29.40	\$ 42.00	\$ 12.60	\$ 84	
25	M101A TO 104A	10x4 duct	37	5%	39	lf	\$ 20.00	\$ 272.00	\$ 388.50	\$ 116.60	\$ 777	
26	M101A TO 104A	10x10 duct	17	5%	18	lf	\$ 20.00	\$ 125.00	\$ 178.50	\$ 53.60	\$ 357	
27	M101A TO 104A	12x4 duct	5	5%	5	lf	\$ 24.00	\$ 44.10	\$ 63.00	\$ 18.90	\$ 126	
28	M101A TO 104A	12x8 duct	95	5%	100	lf	\$ 24.00	\$ 837.90	\$ 1,197.00	\$ 359.10	\$ 2,394	
29	M101A TO 104A	12x10 duct	25	5%	26	lf	\$ 24.00	\$ 220.50	\$ 315.00	\$ 94.50	\$ 630	
30	M101A TO 104A	12x12 duct	6	5%	6	lf	\$ 24.00	\$ 52.90	\$ 75.60	\$ 22.70	\$ 151	
31	M101A TO 104A	14x6 duct	9	5%	9	lf	\$ 28.00	\$ 92.60	\$ 132.30	\$ 39.70	\$ 265	
32	M101A TO 104A	14x12 duct	40	5%	42	lf	\$ 28.00	\$ 411.60	\$ 588.00	\$ 176.40	\$ 1,176	
33	M101A TO 104A	14X8 duct	12	5%	13	lf	\$ 28.00	\$ 123.50	\$ 176.40	\$ 52.90	\$ 353	
34	M101A TO 104A	16x4 duct	18	5%	19	lf	\$ 32.00	\$ 211.70	\$ 302.40	\$ 90.70	\$ 605	
35	M101A TO 104A	16x8 duct	8	5%	8	lf	\$ 32.00	\$ 94.10	\$ 134.40	\$ 40.30	\$ 269	
36	M101A TO 104A	16x10 duct	23	5%	24	lf	\$ 32.00	\$ 270.50	\$ 386.40	\$ 115.90	\$ 773	
37	M101A TO 104A	18x4 duct	36	5%	38	lf	\$ 36.00	\$ 476.30	\$ 680.40	\$ 204.10	\$ 1,361	
38	M101A TO 104A	18x8 duct	57	5%	60	lf	\$ 36.00	\$ 754.10	\$ 1,077.30	\$ 323.20	\$ 2,155	
39	M101A TO 104A	18x10 duct	39	5%	41	lf	\$ 36.00	\$ 516.00	\$ 737.10	\$ 221.10	\$ 1,474	
40	M101A TO 104A	18x12 duct	21	5%	22	lf	\$ 36.00	\$ 277.80	\$ 396.90	\$ 119.10	\$ 794	
41	M101A TO 104A	20x4 duct	17	5%	18	lf	\$ 40.00	\$ 249.90	\$ 357.00	\$ 107.10	\$ 714	
42	M101A TO 104A	20x10 duct	8	5%	8	lf	\$ 40.00	\$ 117.60	\$ 168.00	\$ 50.40	\$ 336	
43	M101A TO 104A	22x8 duct	19	5%	20	lf	\$ 44.00	\$ 307.20	\$ 438.90	\$ 131.70	\$ 878	
44	M101A TO 104A	22x10 duct	75	5%	79	lf	\$ 44.00	\$ 1,212.80	\$ 1,732.50	\$ 519.80	\$ 3,465	
45	M101A TO 104A	22x12 duct	10	5%	11	lf	\$ 44.00	\$ 161.70	\$ 231.00	\$ 69.30	\$ 462	
46	M101A TO 104A	22x16 duct	7	5%	7	lf	\$ 44.00	\$ 113.20	\$ 161.70	\$ 48.50	\$ 323	
47	M101A TO 104A	22x18 duct	16	5%	17	lf	\$ 44.00	\$ 258.70	\$ 369.60	\$ 110.90	\$ 739	
48	M101A TO 104A	22x24 duct	26	5%	27	lf	\$ 44.00	\$ 420.40	\$ 600.60	\$ 180.20	\$ 1,201	
49	M101A TO 104A	22x40 duct	31	5%	33	lf	\$ 44.00	\$ 501.30	\$ 716.10	\$ 214.80	\$ 1,432	
50	M101A TO 104A	24x4 duct	47	5%	49	lf	\$ 48.00	\$ 829.10	\$ 1,184.40	\$ 355.30	\$ 2,369	
51	M101A TO 104A	24x8 duct	26	5%	27	lf	\$ 48.00	\$ 458.60	\$ 655.20	\$ 196.60	\$ 1,310	
52	M101A TO 104A	24x10 duct	55	5%	58	lf	\$ 48.00	\$ 970.20	\$ 1,386.00	\$ 415.80	\$ 2,772	

53	M101A TO 104A	24x22 duct	15	5%	16	If	\$ 48.00	\$ 264.60	\$ 378.00	\$ 113.40	\$ 756
54	M101A TO 104A	26x12 duct	23	5%	24	If	\$ 52.00	\$ 439.50	\$ 627.90	\$ 188.40	\$ 1,256
55	M101A TO 104A	26x16 duct	16	5%	17	If	\$ 52.00	\$ 305.80	\$ 436.80	\$ 131.00	\$ 874
56	M101A TO 104A	28x8 duct	39	5%	41	If	\$ 56.00	\$ 802.60	\$ 1,146.60	\$ 344.00	\$ 2,293
57	M101A TO 104A	28x10 duct	14	5%	15	If	\$ 56.00	\$ 288.10	\$ 411.60	\$ 123.50	\$ 823
58	M101A TO 104A	28x12 duct	23	5%	24	If	\$ 56.00	\$ 473.30	\$ 676.20	\$ 202.90	\$ 1,352
59	M101A TO 104A	32x12 duct	18	5%	19	If	\$ 64.00	\$ 423.40	\$ 604.80	\$ 181.40	\$ 1,210
60	M101A TO 104A	32x16 duct	87	5%	91	If	\$ 64.00	\$ 2,046.20	\$ 2,923.20	\$ 877.00	\$ 5,846
61	M101A TO 104A	36x16 duct	40	5%	42	If	\$ 72.00	\$ 1,058.40	\$ 1,512.00	\$ 453.60	\$ 3,024
62	M101A TO 104A	36x18 duct	16	5%	17	If	\$ 72.00	\$ 423.40	\$ 604.80	\$ 181.40	\$ 1,210
63	M101A TO 104A	50x12 duct	31	5%	33	If	\$ 100.00	\$ 1,139.30	\$ 1,627.50	\$ 488.30	\$ 3,255
64	M101A TO 104A	50x22 duct	19	5%	20	If	\$ 100.00	\$ 698.30	\$ 997.50	\$ 299.30	\$ 1,995
		Supply device									
65	M101A TO 104A	6x4 Supply diffuser 60 CFM	2	0%	2	ea	\$ 120.00	\$ 84.00	\$ 120.00	\$ 36.00	\$ 240
66	M101A TO 104A	8x8 Supply diffuser 230 CFM	4	0%	4	ea	\$ 460.00	\$ 644.00	\$ 920.00	\$ 276.00	\$ 1,840
67	M101A TO 104A	10x10 Air return 430 CFM	1	0%	1	ea	\$ 860.00	\$ 301.00	\$ 430.00	\$ 129.00	\$ 860
68	M101A TO 104A	12x8 Supply diffuser 400 CFM	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
69	M101A TO 104A	12x10 Supply diffuser 490 CFM	1	0%	1	ea	\$ 980.00	\$ 343.00	\$ 490.00	\$ 147.00	\$ 980
70	M101A TO 104A	12x10 Supply diffuser 550 CFM	4	0%	4	ea	\$ 1,100.00	\$ 1,540.00	\$ 2,200.00	\$ 660.00	\$ 4,400
71	M101A TO 104A	12x12 Supply diffuser 680 CFM	1	0%	1	ea	\$ 1,360.00	\$ 476.00	\$ 680.00	\$ 204.00	\$ 1,360
72	M101A TO 104A	12x14 Supply diffuser 800 CFM	1	0%	1	ea	\$ 1,600.00	\$ 560.00	\$ 800.00	\$ 240.00	\$ 1,600
73	M101A TO 104A	14x8 Supply diffuser 490 CFM	3	0%	3	ea	\$ 980.00	\$ 1,029.00	\$ 1,470.00	\$ 441.00	\$ 2,940
74	M101A TO 104A	14x12 Return grill 800 CFM	1	0%	1	ea	\$ 1,600.00	\$ 560.00	\$ 800.00	\$ 240.00	\$ 1,600
75	M101A TO 104A	18x4 Return grill 240 CFM	1	0%	1	ea	\$ 480.00	\$ 168.00	\$ 240.00	\$ 72.00	\$ 480
76	M101A TO 104A	18x4 Supply diffuser 240 CFM	1	0%	1	ea	\$ 480.00	\$ 168.00	\$ 240.00	\$ 72.00	\$ 480
77	M101A TO 104A	18x6 Supply diffuser 430 CFM	3	0%	3	ea	\$ 860.00	\$ 903.00	\$ 1,290.00	\$ 387.00	\$ 2,580
78	M101A TO 104A	18x6 Supply diffuser 670 CFM	1	0%	1	ea	\$ 1,340.00	\$ 469.00	\$ 670.00	\$ 201.00	\$ 1,340
79	M101A TO 104A	18x8 Supply diffuser 680 CFM	5	0%	5	ea	\$ 1,360.00	\$ 2,380.00	\$ 3,400.00	\$ 1,020.00	\$ 6,800
80	M101A TO 104A	18x12 Supply diffuser 1100 CFM	1	0%	1	ea	\$ 2,200.00	\$ 770.00	\$ 1,100.00	\$ 330.00	\$ 2,200
81	M101A TO 104A	20x4 Supply diffuser 270 CFM	1	0%	1	ea	\$ 540.00	\$ 189.00	\$ 270.00	\$ 81.00	\$ 540
82	M101A TO 104A	22x8 Supply diffuser	1	0%	1	ea	\$ 1,800.00	\$ 630.00	\$ 900.00	\$ 270.00	\$ 1,800
83	M101A TO 104A	22x10 Supply diffuser 1200 CFM	1	0%	1	ea	\$ 2,400.00	\$ 840.00	\$ 1,200.00	\$ 360.00	\$ 2,400
84	M101A TO 104A	24x4 Supply diffuser 210 CFM	1	0%	1	ea	\$ 420.00	\$ 147.00	\$ 210.00	\$ 63.00	\$ 420
85	M101A TO 104A	24x10 Supply diffuser 1320 CFM	1	0%	1	ea	\$ 2,640.00	\$ 924.00	\$ 1,320.00	\$ 396.00	\$ 2,640
86	M101A TO 104A	24x10 Supply diffuser	3	0%	3	ea	\$ 2,600.00	\$ 2,730.00	\$ 3,900.00	\$ 1,170.00	\$ 7,800
87	M101A TO 104A	24X22 Return grill 2800 CFM	2	0%	2	ea	\$ 5,600.00	\$ 3,920.00	\$ 5,600.00	\$ 1,680.00	\$ 11,200
88	M101A TO 104A	26x12 Supply diffuser 1750 CFM	3	0%	3	ea	\$ 3,500.00	\$ 3,675.00	\$ 5,250.00	\$ 1,575.00	\$ 10,500
89	M101A TO 104A	28x10 Supply diffuser 1100 CFM	1	0%	1	ea	\$ 2,200.00	\$ 770.00	\$ 1,100.00	\$ 330.00	\$ 2,200
90	M101A TO 104A	28x12 Supply diffuser 1950 CFM	2	0%	2	ea	\$ 3,900.00	\$ 2,730.00	\$ 3,900.00	\$ 1,170.00	\$ 7,800
91	M101A TO 104A	28x22 Supply diffuser 3500 CFM	1	0%	1	ea	\$ 7,000.00	\$ 2,450.00	\$ 3,500.00	\$ 1,050.00	\$ 7,000
92	M101A TO 104A	30x12 Supply diffuser 2150 CFM	2	0%	2	ea	\$ 4,300.00	\$ 3,010.00	\$ 4,300.00	\$ 1,290.00	\$ 8,600
93	M101A TO 104A	32x14 Supply diffuser 2800	1	0%	1	ea	\$ 5,600.00	\$ 1,960.00	\$ 2,800.00	\$ 840.00	\$ 5,600
94	M101A TO 104A	32x16 Supply diffuser 3300 CFM	4	0%	4	ea	\$ 6,600.00	\$ 9,240.00	\$ 13,200.00	\$ 3,960.00	\$ 26,400
95	M101A TO 104A	36x12 Supply diffuser 2600 CFM	2	0%	2	ea	\$ 5,200.00	\$ 3,640.00	\$ 5,200.00	\$ 1,560.00	\$ 10,400
96	M101A TO 104A	36X16 Supply diffuser 3600 CFM	4	0%	4	ea	\$ 7,200.00	\$ 10,080.00	\$ 14,400.00	\$ 4,320.00	\$ 28,800
97	M101A TO 104A	48x8 Supply diffuser 1100 CFM	1	0%	1	ea	\$ 2,200.00	\$ 770.00	\$ 1,100.00	\$ 330.00	\$ 2,200
98	M101A TO 104A	48x12 Return grill 3500 CFM	2	0%	2	ea	\$ 7,000.00	\$ 4,900.00	\$ 7,000.00	\$ 2,100.00	\$ 14,000
99	M101A TO 104A	50x12 Return grill 3650 CFM	3	0%	3	ea	\$ 7,300.00	\$ 7,665.00	\$ 10,950.00	\$ 3,285.00	\$ 21,900
100	M101A TO 104A	50x12 Supply diffuser 3650 Cfm	2	0%	2	ea	\$ 7,300.00	\$ 5,110.00	\$ 7,300.00	\$ 2,190.00	\$ 14,600
101	M101A TO 104A	52x28 Return grill	1	0%	1	ea	\$ 5,400.00	\$ 1,890.00	\$ 2,700.00	\$ 810.00	\$ 5,400
102	M101A TO 104A	Air take louver 500 CFM	1	0%	1	ea	\$ 1,000.00	\$ 350.00	\$ 500.00	\$ 150.00	\$ 1,000
103	M101A TO 104A	Ceiling return register with fire	26	0%	26	ea	\$ 900.00	\$ 8,190.00	\$ 11,700.00	\$ 3,510.00	\$ 23,400
104	M101A TO 104A	Ceiling return register with fire	26	0%	26	ea	\$ 900.00	\$ 8,190.00	\$ 11,700.00	\$ 3,510.00	\$ 23,400
105	M101A TO 104A	Condenser exhaust	2	0%	2	ea	\$ 650.00	\$ 455.00	\$ 650.00	\$ 195.00	\$ 1,300
106	M101A TO 104A	Condenser intake	2	0%	2	ea	\$ 500.00	\$ 350.00	\$ 500.00	\$ 150.00	\$ 1,000
107	M101A TO 104A	Liner diffuser 210 CFM	1	0%	1	ea	\$ 420.00	\$ 147.00	\$ 210.00	\$ 63.00	\$ 420
108	M101A TO 104A	Liner diffuser 240 CFM	7	0%	7	ea	\$ 480.00	\$ 1,176.00	\$ 1,680.00	\$ 504.00	\$ 3,360
109	M101A TO 104A	Liner diffuser 250 CFM	2	0%	2	ea	\$ 500.00	\$ 350.00	\$ 500.00	\$ 150.00	\$ 1,000
110	M101A TO 104A	Liner diffuser 360 CFM	9	0%	9	ea	\$ 720.00	\$ 2,268.00	\$ 3,240.00	\$ 972.00	\$ 6,480
111	M101A TO 104A	Liner diffuser 400 CFM	4	0%	4	ea	\$ 800.00	\$ 1,120.00	\$ 1,600.00	\$ 480.00	\$ 3,200
112	M101A TO 104A	Liner diffuser 500 CFM	1	0%	1	ea	\$ 1,000.00	\$ 350.00	\$ 500.00	\$ 150.00	\$ 1,000
113	M101A TO 104A	Liner diffuser 640 CFM	3	0%	3	ea	\$ 1,280.00	\$ 1,344.00	\$ 1,920.00	\$ 576.00	\$ 3,840
114	M101A TO 104A	Return grill 400 CFM	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
115	M101A TO 104A	Supply diffuser 400 CFM	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
		Unit									
116	M101A TO 104A	1500 W electric baseboard heater	4	0%	4	ea	\$ 3,000.00	\$ 4,200.00	\$ 6,000.00	\$ 1,800.00	\$ 12,000
117	M101A TO 104A	Ac heating unit 5 ton	1	0%	1	ea	\$ 12,000.00	\$ 4,200.00	\$ 6,000.00	\$ 1,800.00	\$ 12,000

174	M-100C,101C,102C	Air conditioning unit 1 ton	1	0%	1	ea	\$ 4,500.00	\$ 1,575.00	\$ 2,250.00	\$ 675.00	\$ 4,500
175	M-100C,101C,102C	Air conditioning unit 10 ton	1	0%	1	ea	\$ 30,000.00	\$ 10,500.00	\$ 15,000.00	\$ 4,500.00	\$ 30,000
176	M-100C,101C,102C	Electric base board heater 5118	5	0%	5	ea	\$ 11,000.00	\$ 19,250.00	\$ 27,500.00	\$ 8,250.00	\$ 55,000
177	M-100C,101C,102C	Electric unit heater 350cfm	7	0%	7	ea	\$ 1,800.00	\$ 4,410.00	\$ 6,300.00	\$ 1,890.00	\$ 12,600
178	M-100C,101C,102C	Exhaust fan 2150cfm	1	0%	1	ea	\$ 3,000.00	\$ 1,050.00	\$ 1,500.00	\$ 450.00	\$ 3,000
179	M-100C,101C,102C	Exhaust fan 30000 cfm	6	0%	6	ea	\$ 12,000.00	\$ 25,200.00	\$ 36,000.00	\$ 10,800.00	\$ 72,000
180	M-100C,101C,102C	Splic ac unit 1 ton	89	0%	89	ea	\$ 4,500.00	\$ 140,175.00	\$ 200,250.00	\$ 60,075.00	\$ 400,500
		Building D									
		Duct									
181	M-100D,101D	4" round flex	240	5%	252	lf	\$ 8.00	\$ 705.60	\$ 1,008.00	\$ 302.40	\$ 2,016
182	M-100D,101D	6" round rigid air duct	161	5%	169	lf	\$ 12.00	\$ 710.00	\$ 1,014.30	\$ 304.30	\$ 2,029
183	M-100D,101D	6"x4" duct	3	5%	3	lf	\$ 12.00	\$ 13.20	\$ 18.90	\$ 5.70	\$ 38
184	M-100D,101D	8"x6" duct	14	5%	15	lf	\$ 16.00	\$ 82.30	\$ 117.60	\$ 35.30	\$ 235
185	M-100D,101D	12"x8" duct	14	5%	15	lf	\$ 24.00	\$ 123.50	\$ 176.40	\$ 52.90	\$ 353
		Pipe									
186	M-100D,101D	Drain pipe	836	5%	878	lf	\$ 18.00	\$ 5,530.10	\$ 7,900.20	\$ 2,370.10	\$ 15,800
187	M-100D,101D	Supply,return,power&interconnect	499	5%	524	lf	\$ 12.00	\$ 2,200.60	\$ 3,143.70	\$ 943.10	\$ 6,287
		Diffuser,grill,register									
188	M-100D,101D	12"x12" supply diffuser 400cfm	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
189	M-100D,101D	38"x12" supply diffuser 2750 cfm	2	0%	2	ea	\$ 5,500.00	\$ 3,850.00	\$ 5,500.00	\$ 1,650.00	\$ 11,000
190	M-100D,101D	12"x12" supply grill 400cfm	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
191	M-100D,101D	16"x12" return grill 400cfm	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
192	M-100D,101D	6"x4" wall register 60cfm	1	0%	1	ea	\$ 120.00	\$ 42.00	\$ 60.00	\$ 18.00	\$ 120
193	M-100D,101D	12"x6" ceiling register 270cfm	1	0%	1	ea	\$ 540.00	\$ 189.00	\$ 270.00	\$ 81.00	\$ 540
194	M-100D,101D	10"x10" wall register 430cfm	4	0%	4	ea	\$ 860.00	\$ 1,204.00	\$ 1,720.00	\$ 516.00	\$ 3,440
195	M-100D,101D	12"x10" wall register 540cfm	1	0%	1	ea	\$ 1,080.00	\$ 378.00	\$ 540.00	\$ 162.00	\$ 1,080
196	M-100D,101D	32"x10" wall register 1800cfm	1	0%	1	ea	\$ 3,600.00	\$ 1,260.00	\$ 1,800.00	\$ 540.00	\$ 3,600
197	M-100D,101D	14"x8" wall register 430cfm	4	0%	4	ea	\$ 860.00	\$ 1,204.00	\$ 1,720.00	\$ 516.00	\$ 3,440
		Unit									
198	M-100D,101D	Exhaust fan 17500cfm	2	0%	2	ea	\$ 35,000.00	\$ 24,500.00	\$ 35,000.00	\$ 10,500.00	\$ 70,000
199	M-100D,101D	Exhaust fan 930cfm	1	0%	1	ea	\$ 1,860.00	\$ 651.00	\$ 930.00	\$ 279.00	\$ 1,860
200	M-100D,101D	Electric unit heater 350cfm	4	0%	4	ea	\$ 700.00	\$ 980.00	\$ 1,400.00	\$ 420.00	\$ 2,800
201	M-100D,101D	Electric baseboard heater 5118 btu	2	0%	2	ea	\$ 11,000.00	\$ 7,700.00	\$ 11,000.00	\$ 3,300.00	\$ 22,000
202	M-100D,101D	Air handling unit 1 ton	1	0%	1	ea	\$ 4,500.00	\$ 1,575.00	\$ 2,250.00	\$ 675.00	\$ 4,500
203	M-100D,101D	Air handling unit 7.5 ton	1	0%	1	ea	\$ 22,500.00	\$ 7,875.00	\$ 11,250.00	\$ 3,375.00	\$ 22,500
204	M-100D,101D	Split ac units 1 ton	60	0%	60	ea	\$ 4,500.00	\$ 94,500.00	\$ 135,000.00	\$ 40,500.00	\$ 270,000
		Building E									
		Duct									
205	M-100E,101E	4" round flex	587	5%	616	lf	\$ 8.00	\$ 1,725.80	\$ 2,465.40	\$ 739.60	\$ 4,931
206	M-100E,101E	6" round rigid air duct	359	5%	377	lf	\$ 12.00	\$ 1,583.20	\$ 2,261.70	\$ 678.50	\$ 4,523
207	M-100E,101E	6"x4" duct	16	5%	17	lf	\$ 12.00	\$ 70.60	\$ 100.80	\$ 30.20	\$ 202
208	M-100E,101E	8"x6" duct	38	5%	40	lf	\$ 16.00	\$ 223.40	\$ 319.20	\$ 95.80	\$ 638
209	M-100E,101E	12"x8" duct	28	5%	29	lf	\$ 24.00	\$ 247.00	\$ 352.80	\$ 105.80	\$ 706
		Drain pipe									
210	M-100E,101E	Drain pipe	1,864	5%	1,957	lf	\$ 18.00	\$ 12,330.40	\$ 17,614.80	\$ 5,284.40	\$ 35,230
211	M-100E,101E	Supply,return,power&interconnect	1,283	5%	1,347	lf	\$ 12.00	\$ 5,658.00	\$ 8,082.90	\$ 2,424.90	\$ 16,166
		Diffuser,grill,register									
212	M-100E,101E	12"x12" supply grill 400cfm	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
213	M-100E,101E	16"x12" return grill 400cfm	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
214	M-100E,101E	6"x4" wall register 60cfm	1	0%	1	ea	\$ 120.00	\$ 42.00	\$ 60.00	\$ 18.00	\$ 120
215	M-100E,101E	12"x6" ceiling register 270cfm	1	0%	1	ea	\$ 540.00	\$ 189.00	\$ 270.00	\$ 81.00	\$ 540
216	M-100E,101E	10"x10" wall register 430cfm	4	0%	4	ea	\$ 860.00	\$ 1,204.00	\$ 1,720.00	\$ 516.00	\$ 3,440
217	M-100E,101E	12"x12" wall register 680cfm	1	0%	1	ea	\$ 1,360.00	\$ 476.00	\$ 680.00	\$ 204.00	\$ 1,360
218	M-100E,101E	32"x10" wall register 1800cfm	1	0%	1	ea	\$ 3,600.00	\$ 1,260.00	\$ 1,800.00	\$ 540.00	\$ 3,600
219	M-100E,101E	14"x8" wall register 430cfm	4	0%	4	ea	\$ 860.00	\$ 1,204.00	\$ 1,720.00	\$ 516.00	\$ 3,440
		Unit									
220	M-100E,101E	Air handling unit 1 ton	1	0%	1	ea	\$ 4,500.00	\$ 1,575.00	\$ 2,250.00	\$ 675.00	\$ 4,500
221	M-100E,101E	Air handling unit 7.5 ton	1	0%	1	ea	\$ 22,500.00	\$ 7,875.00	\$ 11,250.00	\$ 3,375.00	\$ 22,500
222	M-100E,101E	Split ac units 1 ton	82	0%	82	ea	\$ 4,500.00	\$ 129,150.00	\$ 184,500.00	\$ 55,350.00	\$ 369,000
223	M-100E,101E	Electric baseboard heater 5118 btu	2	0%	2	ea	\$ 11,000.00	\$ 7,700.00	\$ 11,000.00	\$ 3,300.00	\$ 22,000
224	M-100E,101E	Electric unit heater 350cfm	4	0%	4	ea	\$ 700.00	\$ 980.00	\$ 1,400.00	\$ 420.00	\$ 2,800
225	M-100E,101E	Exhaust fan 675cfm	1	0%	1	ea	\$ 1,350.00	\$ 472.50	\$ 675.00	\$ 202.50	\$ 1,350
226	M-100E,101E	Exhaust fan 17500cfm	2	0%	2	ea	\$ 35,000.00	\$ 24,500.00	\$ 35,000.00	\$ 10,500.00	\$ 70,000
		Building F									
		Duct									
227	M-100F,101F	4" round flex	405	5%	425	lf	\$ 8.00	\$ 1,190.70	\$ 1,701.00	\$ 510.30	\$ 3,402
228	M-100F,101F	6" round rigid air duct	58	5%	61	lf	\$ 12.00	\$ 255.80	\$ 365.40	\$ 109.60	\$ 731

229	M-100F,101F	10"x4" duct	36	5%	38	lf	\$ 20.00	\$ 264.60	\$ 378.00	\$ 113.40	\$ 756
230	M-100F,101F	12"x8" duct	48	5%	50	lf	\$ 24.00	\$ 423.40	\$ 604.80	\$ 181.40	\$ 1,210
231	M-100F,101F	12"x12" duct	4	5%	4	lf	\$ 24.00	\$ 35.30	\$ 50.40	\$ 15.10	\$ 101
232	M-100F,101F	14"x8" duct	9	5%	9	lf	\$ 28.00	\$ 92.60	\$ 132.30	\$ 39.70	\$ 265
233	M-100F,101F	18"x8" duct	15	5%	16	lf	\$ 36.00	\$ 198.50	\$ 283.50	\$ 85.10	\$ 567
234	M-100F,101F	20"x8" duct	16	5%	17	lf	\$ 40.00	\$ 235.20	\$ 336.00	\$ 100.80	\$ 672
235	M-100F,101F	26"x12" duct	34	5%	36	lf	\$ 52.00	\$ 649.70	\$ 928.20	\$ 278.50	\$ 1,856
236	M-100F,101F	60"x30" duct	22	5%	23	lf	\$ 120.00	\$ 970.20	\$ 1,386.00	\$ 415.80	\$ 2,772
		Drain pipe									
237	M-100F,101F	Drain pipe	1,280	5%	1,344	lf	\$ 18.00	\$ 8,467.20	\$ 12,096.00	\$ 3,628.80	\$ 24,192
238	M-100F,101F	Supply,return,power&interconnect	949	5%	996	lf	\$ 12.00	\$ 4,185.10	\$ 5,978.70	\$ 1,793.60	\$ 11,957
		Supply,return,diffuser									
239	M-100F,101F	22"x8" return diffuser 800cfm	1	0%	1	ea	\$ 1,600.00	\$ 560.00	\$ 800.00	\$ 240.00	\$ 1,600
240	M-100F,101F	32"x16" supply duct 3300cfm	1	0%	1	ea	\$ 6,600.00	\$ 2,310.00	\$ 3,300.00	\$ 990.00	\$ 6,600
241	M-100F,101F	6"x4" wall register 50cfm	1	0%	1	ea	\$ 100.00	\$ 35.00	\$ 50.00	\$ 15.00	\$ 100
242	M-100F,101F	6"x4" wall register 60cfm	4	0%	4	ea	\$ 120.00	\$ 168.00	\$ 240.00	\$ 72.00	\$ 480
243	M-100F,101F	10"x6" ceiling register 270cfm	2	0%	2	ea	\$ 540.00	\$ 378.00	\$ 540.00	\$ 162.00	\$ 1,080
244	M-100F,101F	10"x6" wall register 270cfm	1	0%	1	ea	\$ 540.00	\$ 189.00	\$ 270.00	\$ 81.00	\$ 540
245	M-100F,101F	12"x8" ceiling register 400cfm	1	0%	1	ea	\$ 800.00	\$ 280.00	\$ 400.00	\$ 120.00	\$ 800
246	M-100F,101F	14"x8" wall register 490 cfm	2	0%	2	ea	\$ 980.00	\$ 686.00	\$ 980.00	\$ 294.00	\$ 1,960
247	M-100F,101F	18"x6" wall register 430cfm	1	0%	1	ea	\$ 860.00	\$ 301.00	\$ 430.00	\$ 129.00	\$ 860
248	M-100F,101F	14"x14" ceiling register 930cfm	1	0%	1	ea	\$ 1,860.00	\$ 651.00	\$ 930.00	\$ 279.00	\$ 1,860
249	M-100F,101F	14"x12" wall register 800cfm	2	0%	2	ea	\$ 1,600.00	\$ 1,120.00	\$ 1,600.00	\$ 480.00	\$ 3,200
250	M-100F,101F	16"x16" wall register 1230cfm	1	0%	1	ea	\$ 2,460.00	\$ 861.00	\$ 1,230.00	\$ 369.00	\$ 2,460
251	M-100F,101F	22"x8" wall register 800 cfm	2	0%	2	ea	\$ 1,600.00	\$ 1,120.00	\$ 1,600.00	\$ 480.00	\$ 3,200
252	M-100F,101F	26"x12" wall register 1750cfm	1	0%	1	ea	\$ 3,500.00	\$ 1,225.00	\$ 1,750.00	\$ 525.00	\$ 3,500
253	M-100F,101F	12"x12" supply grill 400cfm	2	0%	2	ea	\$ 800.00	\$ 560.00	\$ 800.00	\$ 240.00	\$ 1,600
		Units									
254	M-100F,101F	Split ac units 1 ton	55	0%	55	ea	\$ 4,500.00	\$ 86,625.00	\$ 123,750.00	\$ 37,125.00	\$ 247,500
255	M-100F,101F	Air handling unit 1 ton	1	0%	1	ea	\$ 4,500.00	\$ 1,575.00	\$ 2,250.00	\$ 675.00	\$ 4,500
256	M-100F,101F	Air handling unit 4 ton	1	0%	1	ea	\$ 12,000.00	\$ 4,200.00	\$ 6,000.00	\$ 1,800.00	\$ 12,000
257	M-100F,101F	Air handling unit 7.5 ton	1	0%	1	ea	\$ 22,500.00	\$ 7,875.00	\$ 11,250.00	\$ 3,375.00	\$ 22,500
258	M-100F,101F	Electric baseboard heater 5118 btu	2	0%	2	ea	\$ 11,000.00	\$ 7,700.00	\$ 11,000.00	\$ 3,300.00	\$ 22,000
259	M-100F,101F	Electric unit heater 350cfm	6	0%	6	ea	\$ 700.00	\$ 1,470.00	\$ 2,100.00	\$ 630.00	\$ 4,200
260	M-100F,101F	Exhaust fan 1275cfm	1	0%	1	ea	\$ 2,550.00	\$ 892.50	\$ 1,275.00	\$ 382.50	\$ 2,550
261	M-100F,101F	Exhaust fan 17500cfm	2	0%	2	ea	\$ 35,000.00	\$ 24,500.00	\$ 35,000.00	\$ 10,500.00	\$ 70,000
262	M-100F,101F	Exhaust fan 750cfm	1	0%	1	ea	\$ 1,500.00	\$ 525.00	\$ 750.00	\$ 225.00	\$ 1,500

SUB TOTAL \$ 5,243,997 \$ 5,243,997

INSURANCE 3% \$ 157,320 \$ 157,320

OVERHEAD AND PROFIT 22% \$ 1,153,679 \$ 1,153,679

TOTAL BASE BID \$ 6,554,996 \$ 6,554,996

General Notes: The prices used while preparing the estimate were taken from RSMMeans online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review the prices.

	Note	Legend
1	The drawings are scaled as per the	F.C = Waste or diff. factor
2	The prices used are standard prices, unless	sf = square feet
		lf = linear feet
		ea = each
1	Exclusions	cy = cubic yard
	Union Wages	sy = square yard
		loc = location
		ls = lump sum