



Estimate of Materials and Cost of Construction

Summary	Amount
Subtotal	\$ 925,272
Profit/Overhead	\$ 231,318
Total	\$1,156,590

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
GENERAL											\$ 23,800
1		Permit	1	0%	1	ls	\$ 3,800.0			\$ 3,800	
2		Supervision	1	0%	1	ls	\$ 15,200.0			\$ 15,200	
3		Final cleanup	1	0%	1	ls	\$ 4,800.0			\$ 4,800	
DEMOLITION											\$ 88,072
4	CG100	Remove bollard	24	0%	24	ea	\$ 112.0	\$ 1,075.2	\$ 1,612.8	\$ 2,688	
5	AD101	Remove door	18	0%	18	ea	\$ 95.2	\$ 685.4	\$ 1,028.2	\$ 1,714	
6	AD101	Remove existing carpet floor	1,818	0%	1,818	sf	\$ 3.4	\$ 2,443.4	\$ 3,665.1	\$ 6,108	
7	AD131	Remove existing roof membrane	4,920	0%	4,920	sf	\$ 3.4	\$ 6,612.5	\$ 9,918.7	\$ 16,531	
8	AD101	Remove handrail	38	0%	38	lf	\$ 28.0	\$ 425.6	\$ 638.4	\$ 1,064	
9	AD101	Remove stair steps	12	0%	12	riser	\$ 168.0	\$ 806.4	\$ 1,209.6	\$ 2,016	
10	AD121	Existing acoustical ceiling to be removed	2,602	0%	2,602	sf	\$ 4.5	\$ 4,662.8	\$ 6,994.2	\$ 11,657	
11	AD101	Remove wall	3,422	0%	3,422	sf	\$ 3.4	\$ 4,599.2	\$ 6,898.8	\$ 11,498	
12	CG-100	Remove ac pavemnet & curb	1,366	0%	1,366	sf	\$ 4.5	\$ 2,447.9	\$ 3,671.8	\$ 6,120	
13	CG-100	Remove crosswalk striping	188	0%	188	lf	\$ 3.4	\$ 252.7	\$ 379.0	\$ 632	
14	CG-100	Remove pcc pavement	242	0%	242	sf	\$ 5.6	\$ 542.1	\$ 813.1	\$ 1,355	
15	CG-100	Remove walkway striping	46	0%	46	lf	\$ 2.2	\$ 41.2	\$ 61.8	\$ 103	
16	CG-100	Remove water line	342	0%	342	lf	\$ 4.5	\$ 612.9	\$ 919.3	\$ 1,532	
17	MD101	Remove duct	970	0%	970	lf	\$ 6.7	\$ 2,607.4	\$ 3,911.0	\$ 6,518	
18	ED100	Remove data and power outlet	4	0%	4	ea	\$ 28.0	\$ 44.8	\$ 67.2	\$ 112	
19	ED100	Remove exit sign with bug eye	2	0%	2	ea	\$ 33.6	\$ 26.9	\$ 40.3	\$ 67	
20	ED100	Remove fire alarm pressure switch	2	0%	2	ea	\$ 50.4	\$ 40.3	\$ 60.5	\$ 101	
21	ED100	Remove fire alarm strobe light	12	0%	12	ea	\$ 56.0	\$ 268.8	\$ 403.2	\$ 672	
22	MD101	Remove mechanical unit	2	0%	2	ea	\$ 224.0	\$ 179.2	\$ 268.8	\$ 448	
23	MD101	Remove return grill	44	0%	44	ea	\$ 280.0	\$ 4,928.0	\$ 7,392.0	\$ 12,320	
24	ED100	Remove speaker	8	0%	8	ea	\$ 112.0	\$ 358.4	\$ 537.6	\$ 896	
25	MD101	Remove supply diffuser	44	0%	44	ea	\$ 84.0	\$ 1,478.4	\$ 2,217.6	\$ 3,696	
26	ED100	Remove wireless access point	4	0%	4	ea	\$ 56.0	\$ 89.6	\$ 134.4	\$ 224	
SITework											\$ 155,437
27	C-100	Bollard	22	5%	24	ea	\$ 504.0	\$ 4,838.4	\$ 7,257.6	\$ 12,096	
28	C-100	ACU-1 Mechanical equipment	2	0%	2	ea	\$ 1,400.0	\$ 1,120.0	\$ 1,680.0	\$ 2,800	
29	C-102	Concrete paver	3,596	5%	3,776	sf	\$ 24.6	\$ 37,214.3	\$ 55,821.4	\$ 93,036	
30	C-103	Curb	376	5%	395	lf	\$ 20.2	\$ 3,183.7	\$ 4,775.5	\$ 7,959	
31	C-104	Pcc ramp back to ac pavement	376	5%	395	lf	\$ 11.2	\$ 1,768.7	\$ 2,653.1	\$ 4,422	
32	C-105	Strip pattren for ada path treval	1,070	5%	1,124	lf	\$ 13.4	\$ 6,039.9	\$ 9,059.9	\$ 15,100	
33	C-106	Truncated dome pads	110	5%	116	sf	\$ 17.9	\$ 827.9	\$ 1,241.9	\$ 2,070	
34	C-107	Water line	694	5%	729	lf	\$ 24.6	\$ 7,182.1	\$ 10,773.1	\$ 17,955	
CONCRETE											\$ 54,392

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
35	S-101	1'-6" wide x 1'-6" deep concrete footing	240	5%	252	cf	\$ 84.0	\$ 8,467.2	\$ 12,700.8	\$ 21,168	
36	S-101	1'-6" wide x 4'-3" post concrete footing	178	5%	187	cf	\$ 84.0	\$ 6,283.2	\$ 9,424.8	\$ 15,708	
37	S-101	8" wide x 1'-0" deep concrete footing	16	5%	17	cf	\$ 84.0	\$ 571.2	\$ 856.8	\$ 1,428	
		Slab									
38	S-101	4" Thick concrete slab on grade w/ # 4 @ 18" o.c each way	1,520	5%	1,596	sf	\$ 10.1	\$ 6,435.1	\$ 9,652.6	\$ 16,088	
		METALS									\$ 7,560
39	S-101	HDU2 - SDS2.5	6	0%	6	ea	\$ 140.0	\$ 336.0	\$ 504.0	\$ 840	
40	S-101	HDU4 - SDS2.5	24	0%	24	ea	\$ 280.0	\$ 2,688.0	\$ 4,032.0	\$ 6,720	
		WOOD, PLASTICS & COMPOSITES									\$ 35,108
41	S-102	2x6 cedar (skewed) solar shade joists @ 8" o.c	1,326	5%	1,393	sf	\$ 13.4	\$ 7,488.8	\$ 11,233.2	\$ 18,722	
42	S-101	2x6 P.T.D.F @ 16" o.c	140	5%	147	sf	\$ 11.2	\$ 658.6	\$ 987.8	\$ 1,646	
43	S-101	4x6 Beam	96	5%	101	lf	\$ 13.4	\$ 543.0	\$ 814.5	\$ 1,357	
44	S-101	4x8 Beam	28	5%	30	lf	\$ 17.9	\$ 215.0	\$ 322.6	\$ 538	
45	S-102	8x8 Beam	174	5%	183	lf	\$ 24.6	\$ 1,803.6	\$ 2,705.5	\$ 4,509	
46	S-101	6x6 post	16	5%	17	ea	\$ 24.6	\$ 167.6	\$ 251.3	\$ 419	
47	S-101	8x8 Post	22	5%	24	ea	\$ 35.8	\$ 344.1	\$ 516.1	\$ 860	
		Millwork									
48	A-101	Caninetry	20	5%	21	lf	\$ 336.0	\$ 2,822.4	\$ 4,233.6	\$ 7,056	
		OPENINGS									\$ 23,296
		Doors									
49	A-601	3'-0"x7'-0" aluminium door	4	0%	4	ea	\$ 1,792.0	\$ 2,867.2	\$ 4,300.8	\$ 7,168	
50	A-601	3'-0"x7'-0" hollow metal door	8	0%	8	ea	\$ 1,008.0	\$ 3,225.6	\$ 4,838.4	\$ 8,064	
51	A-601	3'-0"x7'-0" solid core wood door	2	0%	2	ea	\$ 952.0	\$ 761.6	\$ 1,142.4	\$ 1,904	
		Windows									
52	A-601	6'-0"x3'-4" window	10	0%	10	ea	\$ 616.0	\$ 2,464.0	\$ 3,696.0	\$ 6,160	
		FINISHES									\$ 150,853
		Walls									
		Type H2aa									
53	A-101	4" metal studs @ 16" o.c	1,516	5%	1,592	sf	\$ 3.4	\$ 2,139.6	\$ 3,209.5	\$ 5,349	
54	A-101	5/8" gypsum board on both sides	3,032	5%	3,184	sf	\$ 3.4	\$ 4,279.3	\$ 6,418.9	\$ 10,698	
55	A-101	3" glass fiber insulation	1,516	5%	1,592	sf	\$ 2.2	\$ 1,426.4	\$ 2,139.6	\$ 3,566	
56	A-101	Sealant	608	5%	639	lf	\$ 1.1	\$ 286.3	\$ 429.4	\$ 716	
		Type S1aa									
57	A-101	3 5/8" metal studs @ 16" o.c	60	5%	63	sf	\$ 3.4	\$ 84.7	\$ 127.0	\$ 212	
58	A-101	5/8" gypsum board on both sides	120	5%	126	sf	\$ 3.4	\$ 169.3	\$ 254.0	\$ 423	
59	A-101	3" glass fiber insulation	60	5%	63	sf	\$ 2.2	\$ 56.4	\$ 84.7	\$ 141	
60	A-101	Sealant	24	5%	26	lf	\$ 1.1	\$ 11.6	\$ 17.5	\$ 29	
		Type S1ab									
61	A-101	3 5/8" metal studs @ 16" o.c	190	5%	200	sf	\$ 3.4	\$ 268.8	\$ 403.2	\$ 672	
62	A-101	5/8" gypsum board on both sides	380	5%	399	sf	\$ 3.4	\$ 536.3	\$ 804.4	\$ 1,341	
63	A-101	3" glass fiber insulation	190	5%	200	sf	\$ 2.2	\$ 179.2	\$ 268.8	\$ 448	
64	A-101	Sealant	72	5%	76	lf	\$ 1.1	\$ 34.0	\$ 51.1	\$ 85	
		Type S2aa									
65	A-101	3 5/8" metal studs @ 16" o.c	668	5%	702	sf	\$ 3.4	\$ 943.5	\$ 1,415.2	\$ 2,359	

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
66	A-101	5/8" gypsum board on both sides	1,336	5%	1,403	sf	\$ 3.4	\$ 1,885.6	\$ 2,828.4	\$ 4,714	
67	A-101	3" glass fiber insulation	668	5%	702	sf	\$ 2.2	\$ 629.0	\$ 943.5	\$ 1,572	
68	A-101	Sealant	66	5%	70	lf	\$ 1.1	\$ 31.4	\$ 47.0	\$ 78	
		Type S2ab									
69	A-101	3 5/8" metal studs @ 16" o.c	162	5%	171	sf	\$ 3.4	\$ 229.8	\$ 344.7	\$ 575	
70	A-101	5/8" gypsum board on both sides	324	5%	341	sf	\$ 3.4	\$ 458.3	\$ 687.5	\$ 1,146	
71	A-101	3" glass fiber insulation	162	5%	171	sf	\$ 2.2	\$ 153.2	\$ 229.8	\$ 383	
72	A-101	Sealant	64	5%	68	lf	\$ 1.1	\$ 30.5	\$ 45.7	\$ 76	
		Type S2ac									
73	A-101	3 5/8" metal studs @ 16" o.c	52	5%	55	sf	\$ 3.4	\$ 73.9	\$ 110.9	\$ 185	
74	A-101	5/8" gypsum board on both sides	104	5%	110	sf	\$ 3.4	\$ 147.8	\$ 221.8	\$ 370	
75	A-101	3" glass fiber insulation	52	5%	55	sf	\$ 2.2	\$ 49.3	\$ 73.9	\$ 123	
76	A-101	Sealant	24	5%	26	lf	\$ 1.1	\$ 11.6	\$ 17.5	\$ 29	
		Type S2ad									
77	A-101	3 5/8" metal studs @ 16" o.c	176	5%	185	sf	\$ 3.4	\$ 248.6	\$ 373.0	\$ 622	
78	A-101	5/8" gypsum board on both sides	352	5%	370	sf	\$ 3.4	\$ 497.3	\$ 745.9	\$ 1,243	
79	A-101	3" glass fiber insulation	176	5%	185	sf	\$ 2.2	\$ 165.8	\$ 248.6	\$ 414	
80	A-101	Sealant	72	5%	76	lf	\$ 1.1	\$ 34.0	\$ 51.1	\$ 85	
		Type S2ba									
81	A-101	6" metal studs @ 16" o.c	318	5%	334	sf	\$ 4.5	\$ 598.5	\$ 897.8	\$ 1,496	
82	A-101	5/8" gypsum board on both sides	636	5%	668	sf	\$ 3.4	\$ 897.8	\$ 1,346.7	\$ 2,244	
83	A-101	3" glass fiber insulation	318	5%	334	sf	\$ 2.2	\$ 299.3	\$ 448.9	\$ 748	
84	A-101	Sealant	32	5%	34	lf	\$ 1.1	\$ 15.2	\$ 22.8	\$ 38	
		Type S3aa									
85	A-101	3 5/8" metal studs @ 16" o.c	1,014	5%	1,065	sf	\$ 3.4	\$ 1,431.4	\$ 2,147.0	\$ 3,578	
86	A-101	5/8" gypsum board on both sides	2,028	5%	2,130	sf	\$ 3.4	\$ 2,862.7	\$ 4,294.1	\$ 7,157	
87	A-101	2-1/2" glass fiber insulation	1,014	5%	1,065	sf	\$ 2.2	\$ 954.2	\$ 1,431.4	\$ 2,386	
88	A-101	Sealant	102	5%	108	lf	\$ 1.1	\$ 48.4	\$ 72.6	\$ 121	
		Flooring									
89	A-102	Sheet vinyl	844	5%	887	sf	\$ 6.7	\$ 2,384.3	\$ 3,576.4	\$ 5,961	
90	A-102	Resilient flooring	3,446	5%	3,619	sf	\$ 5.6	\$ 8,106.6	\$ 12,159.8	\$ 20,266	
91	A-102	Carpet floor	474	5%	498	sf	\$ 9.0	\$ 1,784.8	\$ 2,677.2	\$ 4,462	
		Base									
92	A-102	Rubber base	1,010	5%	1,061	lf	\$ 5.6	\$ 2,376.6	\$ 3,565.0	\$ 5,942	
93	A-102	Tiles on walls	752	5%	790	sf	\$ 13.4	\$ 4,247.0	\$ 6,370.6	\$ 10,618	
		Ceiling									
94	A-121	Gypsum board ceiling	1,558	5%	1,636	sf	\$ 7.8	\$ 5,130.5	\$ 7,695.7	\$ 12,826	
95	A-121	Acoustical ceiling	540	5%	567	sf	\$ 12.3	\$ 2,794.2	\$ 4,191.3	\$ 6,985	
		Paint									
96	A-102	Paint on walls	9,754	5%	10,242	sf	\$ 2.2	\$ 9,176.8	\$ 13,765.2	\$ 22,942	
97	A-102	Paint on ceiling	2,098	5%	2,203	sf	\$ 2.5	\$ 2,171.3	\$ 3,256.9	\$ 5,428	
		FURNISHING									\$ 5,342
98	A-102	2'-0" wide countertop	20	5%	21	lf	\$ 184.8	\$ 1,552.3	\$ 2,328.5	\$ 3,881	
99	A-102	2'-10" wide vanitytop	8	5%	9	lf	\$ 162.4	\$ 584.6	\$ 877.0	\$ 1,462	

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST	
		SPECIALITIES									\$	6,810
100	A-401	36" grab bar	4	0%	4	ea	\$ 140.0	\$ 224.0	\$ 336.0	\$ 560		
101	A-401	42" grab bar	4	0%	4	ea	\$ 168.0	\$ 268.8	\$ 403.2	\$ 672		
102	A-401	18" vertical grab bar	4	0%	4	ea	\$ 151.2	\$ 241.9	\$ 362.9	\$ 605		
103	A-401	Toilet paper dispenser	4	0%	4	ea	\$ 168.0	\$ 268.8	\$ 403.2	\$ 672		
104	A-401	Toilet seat cover	4	0%	4	ea	\$ 224.0	\$ 358.4	\$ 537.6	\$ 896		
105	A-401	Sanitary napkin disposal	4	0%	4	ea	\$ 196.0	\$ 313.6	\$ 470.4	\$ 784		
106	A-401	Wall mounted soap dispenser	4	0%	4	ea	\$ 112.0	\$ 179.2	\$ 268.8	\$ 448		
107	A-401	Mirror 24x 30	4	0%	4	ea	\$ 336.0	\$ 537.6	\$ 806.4	\$ 1,344		
108	A-401	Recessed paper towel dispenser	4	0%	4	ea	\$ 168.0	\$ 268.8	\$ 403.2	\$ 672		
109	A-401	Double robe hook	4	0%	4	ea	\$ 39.2	\$ 62.7	\$ 94.1	\$ 157		
		FURNITURE (Install Only)	0								\$	18,834
110	A-103	Cafe dining chair	80	0%	80	ea	\$ 56.0	\$ 1,792.0	\$ 2,688.0	\$ 4,480		
111	A-104	Cafe arm chair	24	0%	24	ea	\$ 28.0	\$ 268.8	\$ 403.2	\$ 672		
112	A-105	Avenue c bar stool	12	0%	12	ea	\$ 56.0	\$ 268.8	\$ 403.2	\$ 672		
113	A-106	Cafe Lounge chair	8	0%	8	ea	\$ 24.6	\$ 78.8	\$ 118.3	\$ 197		
114	A-107	Cafe swivel lounge chair	8	0%	8	ea	\$ 39.2	\$ 125.4	\$ 188.2	\$ 314		
115	A-108	Patio arm chair	96	0%	96	ea	\$ 72.8	\$ 2,795.5	\$ 4,193.3	\$ 6,989		
116	A-109	Merchandiser 36"w x 60"h x 18"d	8	0%	8	ea	\$ 112.0	\$ 358.4	\$ 537.6	\$ 896		
117	A-110	Cafe table 24" x 30"	24	0%	24	ea	\$ 39.2	\$ 376.3	\$ 564.5	\$ 941		
118	A-111	Cafe table 30" x 30"	12	0%	12	ea	\$ 50.4	\$ 241.9	\$ 362.9	\$ 605		
119	A-112	Cafe table 30" x 48"	8	0%	8	ea	\$ 84.0	\$ 268.8	\$ 403.2	\$ 672		
120	A-113	Avenue c bar table 32" dia	4	0%	4	ea	\$ 39.2	\$ 62.7	\$ 94.1	\$ 157		
121	A-114	Coffee table 39" dia	4	0%	4	ea	\$ 56.0	\$ 89.6	\$ 134.4	\$ 224		
122	A-115	Patio bistro table 32" dia	24	0%	24	ea	\$ 84.0	\$ 806.4	\$ 1,209.6	\$ 2,016		
		ELECTRICAL									\$	116,368
		Lighting items										
123	E-110	2'x4' LED recessed dimmable fixture, 44 watts	6	0%	6	ea	\$ 336.0	\$ 806.4	\$ 1,209.6	\$ 2,016		
124	E-110	6" dia Surface mount cylinder w/ opal lens, 29 watts	60	0%	60	ea	\$ 392.0	\$ 9,408.0	\$ 14,112.0	\$ 23,520		
125	E-110	6in LDN, 3000K, 1000LM, clear, semi-specular	24	0%	24	ea	\$ 448.0	\$ 4,300.8	\$ 6,451.2	\$ 10,752		
126	E-110	17" Outdoor light with emergency battery pack, 12	8	0%	8	ea	\$ 504.0	\$ 1,612.8	\$ 2,419.2	\$ 4,032		
127	E-110	24" Pendant mounted drum, 2 watts	4	0%	4	ea	\$ 336.0	\$ 537.6	\$ 806.4	\$ 1,344		
128	E-110	Emergency bug eye light, 8 watts	26	0%	26	ea	\$ 392.0	\$ 4,076.8	\$ 6,115.2	\$ 10,192		
129	E-110	LED Exit sign, 4 watts	4	0%	4	ea	\$ 280.0	\$ 448.0	\$ 672.0	\$ 1,120		
130	E-110	Oldage 12" wide rod hung integrated LED pendant, 8	14	0%	14	ea	\$ 224.0	\$ 1,254.4	\$ 1,881.6	\$ 3,136		
131	E-110	Slot 1 recessed 12ft 600lmf 30k 1-1/2" drop lens, 25	4	0%	4	ea	\$ 336.0	\$ 537.6	\$ 806.4	\$ 1,344		
132	E-110	Small bell cage 6" wide mini pendant downrod	10	0%	10	ea	\$ 280.0	\$ 1,120.0	\$ 1,680.0	\$ 2,800		
133	E-110	Small bell cage 12" single light 12" tall bathroom	4	0%	4	ea	\$ 168.0	\$ 268.8	\$ 403.2	\$ 672		

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
		Power items									
134	E-101	3- Way dimmer switch	2	0%	2	ea	\$ 134.4	\$ 107.5	\$ 161.3	\$ 269	
135	E-131	Card reader	2	0%	2	ea	\$ 112.0	\$ 89.6	\$ 134.4	\$ 224	
136	E-131	Data outlet, 48" aff	8	0%	8	ea	\$ 123.2	\$ 394.2	\$ 591.4	\$ 986	
137	E-131	Data outlet	2	0%	2	ea	\$ 123.2	\$ 98.6	\$ 147.8	\$ 246	
138	E-101	Dimmer switch	8	0%	8	ea	\$ 168.0	\$ 537.6	\$ 806.4	\$ 1,344	
139	E-101	Disconnect switch, 30A	2	0%	2	ea	\$ 140.0	\$ 112.0	\$ 168.0	\$ 280	
140	E-101	Disconnect switch, 100A	2	0%	2	ea	\$ 280.0	\$ 224.0	\$ 336.0	\$ 560	
141	E-101	Duplex outlet	30	0%	30	ea	\$ 112.0	\$ 1,344.0	\$ 2,016.0	\$ 3,360	
142	E-101	Duplex outlet, 48" aff	6	0%	6	ea	\$ 112.0	\$ 268.8	\$ 403.2	\$ 672	
143	E-101	Duplex outlet, GFCI	64	0%	64	ea	\$ 134.4	\$ 3,440.6	\$ 5,161.0	\$ 8,602	
144	E-101	Motror rated switch	4	0%	4	ea	\$ 168.0	\$ 268.8	\$ 403.2	\$ 672	
145	E-101	Occupancy sensor	20	0%	20	ea	\$ 336.0	\$ 2,688.0	\$ 4,032.0	\$ 6,720	
146	E-101	Special purpose outlt, GFCI, 48" aff	2	0%	2	ea	\$ 280.0	\$ 224.0	\$ 336.0	\$ 560	
147	E-101	Junction box	20	0%	20	ea	\$ 224.0	\$ 1,792.0	\$ 2,688.0	\$ 4,480	
		Mics...									
148	E-101	Electrical panel 400A	2	0%	2	ea	\$ 4,704.0	\$ 3,763.2	\$ 5,644.8	\$ 9,408	
149	E-101	Transformer	2	0%	2	ea	\$ 6,160.0	\$ 4,928.0	\$ 7,392.0	\$ 12,320	
150	E-101	Light control panel	2	0%	2	ea	\$ 2,016.0	\$ 1,612.8	\$ 2,419.2	\$ 4,032	
151	E-101	Wiring	2	5%	2	ls	\$ 336.0	\$ 282.2	\$ 423.4	\$ 706	
		PLUMBING									\$ 47,465
		Cold water pipe									
152	P-101	1" Cold water pipe	26	5%	27	lf	\$ 24.6	\$ 269.1	\$ 403.6	\$ 673	
153	P-101	1-1/2" Cold water pipe	148	5%	155	lf	\$ 31.4	\$ 1,949.3	\$ 2,924.0	\$ 4,873	
154	P-101	1/2" Cold water pipe	18	5%	19	lf	\$ 13.4	\$ 101.6	\$ 152.4	\$ 254	
155	P-101	3/4" Cold water pipe	42	5%	44	lf	\$ 20.2	\$ 355.6	\$ 533.4	\$ 889	
156	P-101	3/8" Cold water pipe	2	5%	2	lf	\$ 16.8	\$ 14.1	\$ 21.2	\$ 35	
		Hot water pipe									
157	P-101	3/4" Hot water pipe	136	5%	143	lf	\$ 20.2	\$ 1,151.5	\$ 1,727.3	\$ 2,879	
		Sanitary pipe									
158	P-102	1-1/2" Sanitary pipe	56	5%	59	lf	\$ 31.4	\$ 737.6	\$ 1,106.4	\$ 1,844	
159	P-102	2" Sanitary pipe	16	5%	17	lf	\$ 37.0	\$ 248.4	\$ 372.6	\$ 621	
160	P-102	3-1/2" Sanitary pipe	2	5%	2	lf	\$ 53.8	\$ 45.2	\$ 67.7	\$ 113	
161	P-102	3/4" Sanitary pipe	18	5%	19	lf	\$ 20.2	\$ 152.4	\$ 228.6	\$ 381	
162	P-102	4" Sanitary pipe	180	5%	189	lf	\$ 61.6	\$ 4,657.0	\$ 6,985.4	\$ 11,642	
		Vent pipe									
163	P-102	1-1/2" Vent pipe	68	5%	71	lf	\$ 31.4	\$ 895.6	\$ 1,343.5	\$ 2,239	
164	P-102	2" Vent pipe	46	5%	48	lf	\$ 37.0	\$ 714.1	\$ 1,071.1	\$ 1,785	

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
		Condensate pipe									
165	P-102	3/4" Condensate pipe	4	5%	4	lf	\$ 20.2	\$ 33.9	\$ 50.8	\$ 85	
		Fixtures									
166	P-101	3- Compartment sink	2	0%	2	ea	\$ 560.0	\$ 448.0	\$ 672.0	\$ 1,120	
167	P-102	Floor cleanout	2	0%	2	ea	\$ 280.0	\$ 224.0	\$ 336.0	\$ 560	
168	P-102	Floor drain	4	0%	4	ea	\$ 280.0	\$ 448.0	\$ 672.0	\$ 1,120	
169	P-101	Hand sink	6	0%	6	ea	\$ 560.0	\$ 1,344.0	\$ 2,016.0	\$ 3,360	
170	P-102	Thermostatic mixing valve	2	0%	2	ea	\$ 280.0	\$ 224.0	\$ 336.0	\$ 560	
171	P-101	Lavatory, ada wall mounted	4	0%	4	ea	\$ 504.0	\$ 806.4	\$ 1,209.6	\$ 2,016	
172	P-102	Trap primer	4	0%	4	ea	\$ 224.0	\$ 358.4	\$ 537.6	\$ 896	
173	P-102	Wall cleanout	2	0%	2	ea	\$ 336.0	\$ 268.8	\$ 403.2	\$ 672	
174	P-102	Water closet, ada	4	0%	4	ea	\$ 1,204.0	\$ 1,926.4	\$ 2,889.6	\$ 4,816	
175	P-101	Water heater, 5 gallon	2	0%	2	ea	\$ 2,016.0	\$ 1,612.8	\$ 2,419.2	\$ 4,032	
		MECHANICAL									\$ 178,822
		Duct									
176	M-101	6" dia Duct	272	5%	286	lf	\$ 13.4	\$ 1,535.4	\$ 2,303.1	\$ 3,838	
177	M-101	8" dia Duct	232	5%	244	lf	\$ 17.9	\$ 1,746.1	\$ 2,619.2	\$ 4,365	
178	M-101	10" dia Duct	248	5%	260	lf	\$ 22.4	\$ 2,333.2	\$ 3,499.8	\$ 5,833	
179	M-101	12" dia Duct	320	5%	336	lf	\$ 26.9	\$ 3,612.7	\$ 5,419.0	\$ 9,032	
180	M-101	12"x12" Duct	64	5%	67	lf	\$ 26.9	\$ 722.5	\$ 1,083.8	\$ 1,806	
181	M-101	14" dia Duct	360	5%	378	lf	\$ 31.4	\$ 4,741.6	\$ 7,112.4	\$ 11,854	
182	M-101	14"x10" Duct	64	5%	67	lf	\$ 31.4	\$ 843.0	\$ 1,264.4	\$ 2,107	
183	M-101	16" dia Duct	176	5%	185	lf	\$ 35.8	\$ 2,649.3	\$ 3,973.9	\$ 6,623	
184	M-101	16"x24" Duct	40	5%	42	lf	\$ 53.8	\$ 903.2	\$ 1,354.8	\$ 2,258	
185	M-101	18"x34" Duct	120	5%	126	lf	\$ 40.3	\$ 2,032.1	\$ 3,048.2	\$ 5,080	
186	M-101	20" dia Duct	232	5%	244	lf	\$ 44.8	\$ 4,365.3	\$ 6,548.0	\$ 10,913	
187	M-101	26"x18" Duct	136	5%	143	lf	\$ 58.2	\$ 3,326.7	\$ 4,990.0	\$ 8,317	
188	M-101	34"x18" Duct	384	5%	403	lf	\$ 76.2	\$ 12,283.1	\$ 18,424.6	\$ 30,708	
189	M-101	36"x13" Duct	24	5%	25	lf	\$ 80.6	\$ 812.9	\$ 1,219.3	\$ 2,032	
190	M-101	36"x16" Duct	112	5%	118	lf	\$ 84.0	\$ 3,951.4	\$ 5,927.0	\$ 9,878	
		Supply Devices									
191	M-101	12"x6" Spiral duct mounted supply air diffuser 100	22	0%	22	ea	\$ 224.0	\$ 1,971.2	\$ 2,956.8	\$ 4,928	
192	M-101	12"x6" Spiral duct mounted supply air diffuser 200	22	0%	22	ea	\$ 448.0	\$ 3,942.4	\$ 5,913.6	\$ 9,856	
193	M-101	12"x12" Rectangular grille 50 CFM	4	0%	4	ea	\$ 112.0	\$ 179.2	\$ 268.8	\$ 448	
194	M-101	Supply diffuser 200 CFM, 24"x24" square ceiling, lay	4	0%	4	ea	\$ 448.0	\$ 716.8	\$ 1,075.2	\$ 1,792	
195	M-101	Supply diffuser 300 CFM, 24"x24" square ceiling, lay	2	0%	2	ea	\$ 672.0	\$ 537.6	\$ 806.4	\$ 1,344	
196	M-101	Supply diffuser 300 CFM, 24"x24" square ceiling,	6	0%	6	ea	\$ 672.0	\$ 1,612.8	\$ 2,419.2	\$ 4,032	
197	M-101	Supply diffuser 400 CFM, 24"x24" square ceiling, lay	4	0%	4	ea	\$ 896.0	\$ 1,433.6	\$ 2,150.4	\$ 3,584	

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
Return Devices											
198	M-101	24"x16" Rectangular return grille	4	0%	4	ea	\$ 504.0	\$ 806.4	\$ 1,209.6	\$ 2,016	
199	M-101	30"x10" Rectangular return grille	2	0%	2	ea	\$ 672.0	\$ 537.6	\$ 806.4	\$ 1,344	
200	M-101	48"x24" Return grille	4	0%	4	ea	\$ 840.0	\$ 1,344.0	\$ 2,016.0	\$ 3,360	
Exhaust fan											
201	M-101	Ceiling exhaust fan 130 CFM	6	0%	6	ea	\$ 504.0	\$ 1,209.6	\$ 1,814.4	\$ 3,024	
Units											
202	M-101	Air conditioning unit, 4500 CFM, 1350 lbs	2	0%	2	ea	\$ 6,160.0	\$ 4,928.0	\$ 7,392.0	\$ 12,320	
203	MD-101	Cut and cap	8	0%	8	ea	\$ 336.0	\$ 1,075.2	\$ 1,612.8	\$ 2,688	
204	MD-101	Salvage and relocate thermostat	4	0%	4	ea	\$ 280.0	\$ 448.0	\$ 672.0	\$ 1,120	
205	M-101	Thermostat - programmable	4	0%	4	ea	\$ 336.0	\$ 537.6	\$ 806.4	\$ 1,344	
206	M-101	Manual volume damper	28	0%	28	ea	\$ 392.0	\$ 4,390.4	\$ 6,585.6	\$ 10,976	
EARTHWORK											\$ 13,112
207	S-101	Excavation	76	5%	80	cy	\$ 140.0	\$ 1,181.4	\$ 1,772.2	\$ 11,172	
208	S-101	Backfiling	22	5%	23	cy	\$ 84.0	\$ 141.1	\$ 211.7	\$ 1,940	
SUB TOTAL										\$ 925,272	\$ 925,272
INSURANCE							3%		\$ 27,758	\$ 27,758	
OVERHEAD AND PROFIT							22%		\$ 203,560	\$ 203,560	
TOTAL BASE BID										\$ 1,156,590	\$ 1,156,590

General Notes: The prices used while preparing the estimate were taken from RSMeans 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**
- The drawings are scaled as per the mentioned scales on the plans.
 - The prices used are standard prices, unless otherwise noted.

- Exclusions**
- Union Wages

- Legend**
- F.C = Waste or diff. factor
 - sf = square feet
 - lf = linear feet
 - ea = each
 - cy = cubic yard
 - sy = square yard
 - loc = location
 - ls = lump sum