

PROJECT ID: CMHA Administrative Building Renovation

CONTACT:

SCOPE: Demolition & New HVAC

E-MAIL ADDRESS:

PHONE NUMBER:

Date: 1-Nov-21

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST
DIVISION 02- Site Work/ Existing Conditions										
Demolition										
First Floor										
Rectangular Duct										
1		(10" x 6") Rectangular Duct	4	LF	0.05	\$0.55	\$0.00	\$0.55	\$1.99	
2		(10" x 10") Rectangular Duct	9	LF	0.14	\$0.55	\$0.00	\$0.55	\$5.10	
3		(10" x 12") Rectangular Duct	11	LF	0.17	\$0.55	\$0.00	\$0.55	\$6.29	
4		(12" x 6") Rectangular Duct	6	LF	0.09	\$0.55	\$0.00	\$0.55	\$3.40	
5		(12" x 8") Rectangular Duct	8	LF	0.12	\$0.55	\$0.00	\$0.55	\$4.57	
6		(12" x 12") Rectangular Duct	27	LF	0.40	\$0.55	\$0.00	\$0.55	\$14.63	
7		(14" x 12") Rectangular Duct	8	LF	0.15	\$0.73	\$0.00	\$0.73	\$5.60	
8		(18" x 14") Rectangular Duct	19	LF	0.37	\$0.73	\$0.00	\$0.73	\$13.56	
9		(24" x 12") Rectangular Duct	21	LF	0.42	\$0.73	\$0.00	\$0.73	\$15.32	
10		Circular Duct	363	LF	7.27	\$0.73	\$0.00	\$0.73	\$265.33	
Diffuser & Grilles										
11		(2'-0" x 2'-0") Diffuser	62	EA	24.80	\$14.62	\$0.00	\$14.62	\$906.44	
12		(2'-0" x 2'-0") Grille/Register	11	EA	4.40	\$14.62	\$0.00	\$14.62	\$160.82	
13		(2'-0" x 1'-0") Grille/Register	8	EA	3.20	\$14.62	\$0.00	\$14.62	\$116.96	
14		Return Air Transfer Grille	1	EA	0.40	\$14.62	\$0.00	\$14.62	\$14.62	
Fitting & Fixtures										
15		Electric Baseboard Unit Heater	18	EA	40.50	\$130.30	\$0.00	\$130.30	\$2,345.40	
Second Floor										
Rectangular Duct										
16		(10" x 10") Rectangular Duct	15	LF	0.31	\$0.73	\$0.00	\$0.73	\$11.19	
17		(12" x 8") Rectangular Duct	35	LF	0.70	\$0.73	\$0.00	\$0.73	\$25.40	
18		(12" x 10") Rectangular Duct	6	LF	0.13	\$0.73	\$0.00	\$0.73	\$4.61	
19		(14" x 10") Rectangular Duct	13	LF	0.27	\$0.73	\$0.00	\$0.73	\$9.75	
20		Circular Duct	347	LF	6.95	\$0.73	\$0.00	\$0.73	\$253.51	
Diffuser & Grilles										
21		(2'-0" x 2'-0") Diffuser	60	EA	24.00	\$14.62	\$0.00	\$14.62	\$877.20	
22		(2'-0" x 2'-0") Grille/Register	9	EA	3.60	\$14.62	\$0.00	\$14.62	\$131.58	
23		(2'-0" x 1'-0") Grille/Register	12	EA	4.80	\$14.62	\$0.00	\$14.62	\$175.44	
Third Floor										
Rectangular Duct										
24		(8" x 8") Rectangular Duct	11	LF	0.22	\$0.73	\$0.00	\$0.73	\$8.10	
25		(8" x 10") Rectangular Duct	9	LF	0.18	\$0.73	\$0.00	\$0.73	\$6.57	
26		(10" x 10") Rectangular Duct	61	LF	1.21	\$0.73	\$0.00	\$0.73	\$44.17	
27		(10" x 12") Rectangular Duct	35	LF	0.70	\$0.73	\$0.00	\$0.73	\$25.56	
28		(12" x 4") Rectangular Duct	7	LF	0.14	\$0.73	\$0.00	\$0.73	\$4.99	
29		(12" x 6") Rectangular Duct	31	LF	0.62	\$0.73	\$0.00	\$0.73	\$22.67	
30		(12" x 8") Rectangular Duct	26	LF	0.52	\$0.73	\$0.00	\$0.73	\$18.99	
31		(12" x 10") Rectangular Duct	39	LF	0.78	\$0.73	\$0.00	\$0.73	\$28.43	
32		(12" x 12") Rectangular Duct	62	LF	1.23	\$0.73	\$0.00	\$0.73	\$44.95	
33		(14" x 10") Rectangular Duct	18	LF	0.36	\$0.73	\$0.00	\$0.73	\$13.09	
34		(14" x 12") Rectangular Duct	7	LF	0.14	\$0.73	\$0.00	\$0.73	\$5.19	
35		(14" x 14") Rectangular Duct	13	LF	0.27	\$0.73	\$0.00	\$0.73	\$9.79	
36		(16" x 8") Rectangular Duct	35	LF	0.70	\$0.73	\$0.00	\$0.73	\$25.45	
37		(16" x 12") Rectangular Duct	50	LF	0.99	\$0.73	\$0.00	\$0.73	\$36.19	
38		(18" x 10") Rectangular Duct	7	LF	0.13	\$0.73	\$0.00	\$0.73	\$4.75	
39		(18" x 12") Rectangular Duct	43	LF	0.86	\$0.73	\$0.00	\$0.73	\$31.48	
40		(20" x 12") Rectangular Duct	31	LF	0.62	\$0.73	\$0.00	\$0.73	\$22.56	
41		(20" x 14") Rectangular Duct	26	LF	0.51	\$0.73	\$0.00	\$0.73	\$18.64	
42		(22" x 12") Rectangular Duct	8	LF	0.17	\$0.73	\$0.00	\$0.73	\$6.09	
43		(24" x 8") Rectangular Duct	10	LF	0.21	\$0.73	\$0.00	\$0.73	\$7.65	
44		(24" x 10") Rectangular Duct	33	LF	0.65	\$0.73	\$0.00	\$0.73	\$23.74	
45		(24" x 12") Rectangular Duct	7	LF	0.13	\$0.73	\$0.00	\$0.73	\$4.89	
46		(24" x 14") Rectangular Duct	6	LF	0.13	\$0.73	\$0.00	\$0.73	\$4.67	
47		(26" x 12") Rectangular Duct	25	LF	1.64	\$2.38	\$0.00	\$2.38	\$60.05	
48		(30" x 12") Rectangular Duct	13	LF	0.82	\$2.38	\$0.00	\$2.38	\$29.89	
49		(34" x 12") Rectangular Duct	10	LF	0.66	\$2.38	\$0.00	\$2.38	\$24.13	
50		Circular Duct	538	LF	6.45	\$0.44	\$0.00	\$0.44	\$236.62	
Diffuser & Grilles										
51		(2'-0" x 2'-0") Diffuser	47	EA	18.80	\$14.62	\$0.00	\$14.62	\$687.14	
52		(2'-0" x 2'-0") Grille/Register	4	EA	1.60	\$14.62	\$0.00	\$14.62	\$58.48	
53		(2'-0" x 1'-0") Grille/Register	11	EA	4.40	\$14.62	\$0.00	\$14.62	\$160.82	
Fitting & Fixtures										
54		Terminal Box	8	EA	7.20	\$32.89	\$0.00	\$32.89	\$263.12	
55		Liebert Unit	2	EA	8.00	\$446.60	\$0.00	\$446.60	\$893.20	
Roof										
56		Liebert Condensing Unit	2	EA	8.00	\$446.60	\$0.00	\$446.60	\$893.20	
Subtotal (Site Work/ Existing Conditions)										\$9,094

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		First Floor								
		Rectangular Duct								
57		(8" x 8") Rectangular Duct	2	LF	0.20	\$3.54	\$8.22	\$11.76	\$23.76	
58		(10" x 6") Rectangular Duct	7	LF	0.64	\$3.54	\$8.22	\$11.76	\$77.50	
59		(10" x 10") Rectangular Duct	11	LF	1.37	\$4.71	\$10.20	\$14.91	\$158.34	
60		(10" x 12") Rectangular Duct	18	LF	2.36	\$4.86	\$11.20	\$16.06	\$285.07	
61		(12" x 6") Rectangular Duct	30	LF	3.27	\$3.98	\$9.21	\$13.19	\$395.70	
62		(12" x 8") Rectangular Duct	49	LF	5.97	\$4.42	\$10.20	\$14.62	\$721.35	
63		(12" x 10") Rectangular Duct	18	LF	2.40	\$4.86	\$11.20	\$16.06	\$289.56	
64		(12" x 12") Rectangular Duct	27	LF	3.99	\$5.30	\$12.10	\$17.40	\$478.33	
65		(14" x 12") Rectangular Duct	8	LF	1.55	\$7.31	\$17.10	\$24.41	\$189.18	
66		(20" x 8") Rectangular Duct	6	LF	1.33	\$7.89	\$18.60	\$26.49	\$163.71	
67		(22" x 14") Rectangular Duct	22	LF	6.27	\$10.41	\$24.50	\$34.91	\$768.02	
68		(24" x 12") Rectangular Duct	22	LF	6.12	\$10.16	\$23.70	\$33.86	\$744.92	
69		Condensate & Refrigerant Piping	14	LF	1.39	\$3.68	\$3.49	\$7.17	\$100.38	
		Circular Duct								
70		(6" Dia) Circular Duct	18	LF	1.10	\$2.23	\$5.41	\$7.64	\$137.52	
71		(8" Dia) Circular Duct	308	LF	25.26	\$3.00	\$7.20	\$10.20	\$3,141.60	
72		(10" Dia) Circular Duct	248	LF	25.54	\$3.76	\$9.01	\$12.77	\$3,166.96	
73		(14" Dia) Circular Duct	8	LF	1.39	\$6.36	\$13.50	\$19.86	\$158.88	
		Flexible Duct								
74		(6" Dia) Flexible Duct	22	LF	1.76	\$2.92	\$9.49	\$12.41	\$273.02	
75		(8" Dia) Flexible Duct	140	LF	12.60	\$3.29	\$12.10	\$15.39	\$2,154.60	
76		(10" Dia) Flexible Duct	50	LF	6.00	\$4.38	\$13.60	\$17.98	\$899.00	
		Fitting & Fixtures								
77		(24" x 12" To 14" x 12") Duct Tee	1	EA	0.29	\$10.71	\$54.30	\$65.01	\$65.01	
78		(10" x 10" To 8" Dia) Duct Tee	2	EA	0.24	\$4.42	\$22.60	\$27.02	\$54.04	
79		(14" x 10" To 8" Dia) Duct Tee	1	EA	0.17	\$6.10	\$31.20	\$37.30	\$37.30	
80		(22" x 14" To 10" Dia) Duct Tee	2	EA	0.59	\$10.71	\$54.30	\$65.01	\$130.02	
81		(24" x 12" To 10" Dia) Duct Tee	3	EA	0.88	\$10.71	\$54.30	\$65.01	\$195.03	
82		(8" x 8") Rectangular Duct Fitting W/ Turning Vane	2	EA	0.26	\$4.82	\$22.60	\$27.42	\$54.84	
83		(10" x 6") Rectangular Duct Fitting W/ Turning Vane	2	EA	0.26	\$4.82	\$22.60	\$27.42	\$54.84	
84		(12" x 6" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	3	EA	0.44	\$5.41	\$25.30	\$30.71	\$92.13	
85		(12" x 8" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	6	EA	1.02	\$6.21	\$29.30	\$35.51	\$213.06	
86		(12" x 10" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.19	\$7.09	\$33.20	\$40.29	\$40.29	
87		(12" x 12" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.22	\$8.18	\$38.60	\$46.78	\$46.78	
88		(22" x 14" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.87	\$31.68	\$114.00	\$145.68	\$145.68	
89		(6" Dia) Circular Duct Radius Elbow	3	EA	0.52	\$6.28	\$11.00	\$17.28	\$51.84	
90		(8" Dia) Circular Duct Radius Elbow	30	EA	8.76	\$10.67	\$18.90	\$29.57	\$887.10	
91		(10" Dia) Circular Duct Radius Elbow	16	EA	7.52	\$17.17	\$30.20	\$47.37	\$757.92	
92		(14" Dia) Circular Duct Radius Elbow	1	EA	1.01	\$36.91	\$64.30	\$101.21	\$101.21	
93		Connection To Existing Ducts	75							
94		(EBH-1) Electric Baseboard Unit Heater (24.6" Long) MODEL: 910U00300C W/FT: 150 WATS:300 VOLTS: 208	1	EA	0.00					
95		(EBH-2) Electric Baseboard Unit Heater (49.8" Long) MODEL: 910U00750C W/FT: 250 WATS:1000 VOLTS: 208	2	EA	0.00					
96		(EBH-3) Electric Baseboard Unit Heater (59.3" Long) MODEL: 910U01250C W/FT: 250 WATS: 1250 VOLTS: 208	8	EA	0.00					
97		(EBH-4) Electric Baseboard Unit Heater (68.0" Long) MODEL: 910U01500C W/FT: 225 WATS: 1250 VOLTS: 208	2	EA	0.00					
98		(EBH-5) Electric Baseboard Unit Heater (94.9" Long) MODEL: 910U02250C W/FT: 225 WATS: 1750 VOLTS: 208	5	EA	0.00					
99		AC-1 Ductless Split Heat Pump System MODEL: DHP30NW21S MBH: 28 VOLTS: 208 PHASE: 1	1	EA	2.50	\$93.05	\$3,340.00	\$3,433.05	\$3,433.05	

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157		(2'-0" x 2'-0") Diffuser D1 W/ (600 CFM)	4	EA	1.40	\$12.79	\$74.80	\$87.59	\$350.36	
158		(2'-0" x 2'-0") Diffuser D1 W/ (300 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
159		(2'-0" x 2'-0") Diffuser D1 W/ (260 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
160		(2'-0" x 2'-0") Diffuser D1 W/ (255 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
161		(2'-0" x 2'-0") Diffuser D1 W/ (250 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
162		(2'-0" x 2'-0") Diffuser D1 W/ (235 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
163		(2'-0" x 2'-0") Diffuser D1 W/ (230 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
164		(2'-0" x 2'-0") Diffuser D1 W/ (220 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
165		(2'-0" x 2'-0") Diffuser D1 W/ (215 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
166		(2'-0" x 2'-0") Diffuser D1 W/ (200 CFM)	9	EA	3.15	\$12.79	\$74.80	\$87.59	\$788.31	
167		(2'-0" x 2'-0") Diffuser D1 W/ (195 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
168		(2'-0" x 2'-0") Diffuser D1 W/ (190 CFM)	5	EA	1.75	\$12.79	\$74.80	\$87.59	\$437.95	
169		(2'-0" x 2'-0") Diffuser D1 W/ (185 CFM)	5	EA	1.75	\$12.79	\$74.80	\$87.59	\$437.95	
170		(2'-0" x 2'-0") Diffuser D1 W/ (180 CFM)	3	EA	1.05	\$12.79	\$74.80	\$87.59	\$262.77	
171		(2'-0" x 2'-0") Diffuser D1 W/ (175 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
172		(2'-0" x 2'-0") Diffuser D1 W/ (170 CFM)	7	EA	2.45	\$12.79	\$74.80	\$87.59	\$613.13	
173		(4'-0" - 2 Slot) Diffuser D5 W/ (160 CFM)	4	EA	1.40	\$12.79	\$74.80	\$87.59	\$350.36	
174		(2'-0" x 2'-0") Diffuser D1 W/ (150 CFM)	3	EA	1.05	\$12.79	\$74.80	\$87.59	\$262.77	
175		(2'-0" x 2'-0") Diffuser D1 W/ (140 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
176		(2'-0" x 2'-0") Diffuser D1 W/ (135 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
177		(2'-0" x 2'-0") Diffuser D1 W/ (130 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
178		(2'-0" x 2'-0") Diffuser D1 W/ (120 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
179		(2'-0" x 2'-0") Diffuser D1 W/ (75 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
180		(2'-0" x 2'-0") Diffuser D1 W/ (50 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
181		(2'-0" x 2'-0") Return Grille/Register G 1	7	EA	2.45	\$12.79	\$76.80	\$89.59	\$627.13	
182		(2'-0" x 1'-0") Return Grille/Register G 2	19	EA	5.70	\$10.96	\$44.60	\$55.56	\$1,055.64	
183		(2'-0" x 1'-0") Return Grille/Register G 2 W/(150 CFM)	2	EA	0.60	\$10.96	\$44.60	\$55.56	\$111.12	
184		(4'-0" - 1 Slot) Return Grille G4	1	EA						
		Third Floor								
		Rectangular Duct								
185		(8" x 8") Rectangular Duct	33	LF	3.19	\$3.54	\$8.22	\$11.76	\$387.02	
186		(8" x 6") Rectangular Duct	14	LF	1.18	\$3.07	\$7.17	\$10.24	\$143.36	
187		(8" x 10") Rectangular Duct	22	LF	2.40	\$3.98	\$9.21	\$13.19	\$290.18	
188		(10" x 10") Rectangular Duct	31	LF	4.00	\$4.71	\$10.20	\$14.91	\$462.66	
189		(12" x 12") Rectangular Duct	33	LF	4.72	\$5.30	\$12.10	\$17.40	\$566.89	
190		(14" x 14") Rectangular Duct	24	LF	5.34	\$8.15	\$19.00	\$27.15	\$650.24	
191		(16" x 8") Rectangular Duct	26	LF	4.78	\$6.72	\$15.80	\$22.52	\$585.52	
192		(18" x 14") Rectangular Duct	26	LF	6.50	\$9.28	\$21.60	\$30.88	\$789.91	
193		(20" x 12") Rectangular Duct	22	LF	5.43	\$9.02	\$21.10	\$30.12	\$662.64	
194		(58" x 18") Rectangular Duct	10	LF	8.50	\$31.06	\$73.20	\$104.26	\$1,042.60	
195		(1" Dia) Condensate Drain Line	44	LF	4.36	\$3.68	\$3.49	\$7.17	\$315.48	
196		Refrigerant Line up Through Roof	1	EA						
		Circular Duct								
197		(6" Dia) Circular Duct	40	LF	2.44	\$2.23	\$5.41	\$7.64	\$305.60	
198		(8" Dia) Circular Duct	42	LF	3.44	\$3.00	\$7.20	\$10.20	\$428.40	
199		(10" Dia) Circular Duct	110	LF	11.33	\$3.76	\$9.01	\$12.77	\$1,404.70	
200		(12" Dia) Circular Duct	22	LF	2.72	\$4.49	\$10.70	\$15.19	\$336.46	
201		(14" Dia) Circular Duct	56	LF	9.74	\$6.36	\$13.50	\$19.86	\$1,112.16	
202		(16" Dia) Circular Duct	80	LF	13.92	\$6.36	\$13.50	\$19.86	\$1,588.80	
203		(18" Dia) Circular Duct	244	LF	47.58	\$7.12	\$17.10	\$24.22	\$5,909.68	
204		(20" Dia) Circular Duct	24	LF	4.68	\$7.12	\$17.10	\$24.22	\$581.28	
		Flexible Duct								
205		(6" Dia) Flexible Duct	14	LF	1.12	\$2.92	\$9.49	\$12.41	\$173.74	
206		(8" Dia) Flexible Duct	6	LF	0.54	\$3.29	\$12.10	\$15.39	\$92.34	
207		(10" Dia) Flexible Duct	40	LF	4.80	\$4.38	\$13.60	\$17.98	\$719.20	
		Fitting & Fixtures								
208		(10" x 10" To 8" x 6") Rectangular Duct Tee	1	EA	0.12	\$4.42	\$22.60	\$27.02	\$27.02	
209		(20" x 12" To 12" x 12") Rectangular Duct Tee	1	EA	0.26	\$9.57	\$49.20	\$58.77	\$58.77	
210		(8" x 10") Rectangular Duct Tee	2	EA	0.22	\$3.98	\$20.30	\$24.28	\$48.56	
211		(12" x 12" To 10" Dia) Rectangular Duct Tee	5	EA	0.90	\$6.58	\$33.60	\$40.18	\$200.90	
212		(14" x 14" To 10" Dia) Rectangular Duct Tee	3	EA	0.54	\$6.58	\$33.60	\$40.18	\$120.54	
213		(18" x 14" To 10" Dia) Rectangular Duct Tee	5	EA	1.31	\$9.57	\$49.20	\$58.77	\$293.85	
214		(12" Dia To 8" Dia) Circular Duct Tee	1	EA	0.32	\$11.84	\$42.40	\$54.24	\$54.24	
215		(12" Dia To 10" Dia) Circular Duct Tee	1	EA	0.32	\$11.84	\$42.40	\$54.24	\$54.24	
216		(18" Dia To 14" Dia) Circular Duct Tee	1	EA	0.51	\$18.56	\$66.40	\$84.96	\$84.96	
217		(20" Dia To 8" Dia) Circular Duct Tee	1	EA	0.68	\$24.88	\$104.00	\$128.88	\$128.88	
218		(20" Dia To 14" Dia) Circular Duct Tee	1	EA	0.57	\$20.68	\$76.40	\$97.08	\$97.08	
219		(8" x 8" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.13	\$4.82	\$22.60	\$27.42	\$27.42	
220		(10" x 10" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	2	EA	0.68	\$12.42	\$58.60	\$71.02	\$142.04	
221		(14" x 14" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.42	\$15.16	\$71.40	\$86.56	\$86.56	
222		(16" x 8" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.34	\$12.42	\$58.30	\$70.72	\$70.72	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST
223		(16" x 8" Degree) Rectangular Duct Fitting W/ Turning Vane	2	EA	0.68	\$12.42	\$58.30	\$70.72	\$141.44	
224		(6" Dia) Circular Duct Radius Elbow	3	EA	0.52	\$6.28	\$11.00	\$17.28	\$51.84	
225		(8" Dia) Circular Duct Radius Elbow	3	EA	0.88	\$10.67	\$18.90	\$29.57	\$88.71	
226		(10" Dia) Circular Duct Radius Elbow	7	EA	3.29	\$17.17	\$30.20	\$47.37	\$331.59	
227		(14" Dia) Circular Duct Radius Elbow	1	EA	1.01	\$36.91	\$64.30	\$101.21	\$101.21	
228		(18" Dia) Circular Duct Radius Elbow	4	EA	6.08	\$55.54	\$97.20	\$152.74	\$610.96	
229		(20" Dia) Circular Duct Radius Elbow	1	EA	1.52	\$55.54	\$97.20	\$152.74	\$152.74	
230		Connection To Existing Ducts	11							
231		Terminal Box V3-1 MODEL: TSL CFM MAX: 1744 CFM MIN: 523 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
232		Terminal Box V3-2 MODEL: TSL CFM MAX: 400 CFM MIN: 200 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
233		Terminal Box V3-3 MODEL: TSL CFM MAX: 2000 CFM MIN: 600 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
234		Terminal Box V3-4 MODEL: TSL CFM MAX: 595 CFM MIN: 179 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
235		Terminal Box V3-5 MODEL: TSL CFM MAX: 1000 CFM MIN: 300 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
236		Terminal Box V3-6 MODEL: TSL CFM MAX: 2000 CFM MIN: 600 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
237		Terminal Box V3-7 MODEL: TSL CFM MAX: 1750 CFM MIN: 525 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
238		Terminal Box V3-8 MODEL: TSL CFM MAX: 2000 CFM MIN: 600 VOLTS: 480 PHASE: 3	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	
239		AC-2 Ductless Split Heat Pump System MODEL: DHR42NCB21S MBH: 39.5 VOLTS: 208 PHASE: 1	1	EA	3.00	\$111.70	\$4,100.00			
240		Kitchen Hood (36" L. & 60" H.) MODEL: XRRS CFM: 300 WEIGHT: 93LBS	1	EA	4.00	\$148.88	\$281.50	\$430.38	\$430.38	
241		High Volume Low Speed Fan (HVLS-1) MODEL: DC-5-6-3LV WEIGHT: 33 LBS RPM: 104 WATS: 50 VOLTS: 115 PHASE: 1	3	EA	18.00	\$308.70	\$4,623.00	\$4,931.70	\$14,795.10	
242		HVLS Fan Controller	1	EA	0.16	\$6.36	\$51.50	\$57.86	\$57.86	
243		Manual Pull Station For Kitchen Hood System	1	EA						
244		Existing Johnson Control System	8	EA	10.40	\$47.50	\$36.20	\$83.70	\$669.60	
245		Balance Return Air Volume Damper to 90% of The Floor's Supply Air.	1	EA	0.50	\$20.52	\$557.00	\$577.52	\$577.52	
246		(3'-0" x 2'-6") Return Air Opening Directed up Toward Ceiling	1	EA						
		Diffusers & Grilles								
247		(2'-0" x 2'-0") Diffuser D1 W/ (235 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
248		(2'-0" x 2'-0") Diffuser D1 W/ (200 CFM)	6	EA	2.10	\$12.79	\$74.80	\$87.59	\$525.54	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST
249		(2'-0" x 2'-0") Diffuser D1 W/ (130 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
250		(2'-0" x 2'-0") Diffuser D1 W/ (115 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
251		(2'-0" x 2'-0") Diffuser D1 W/ (100 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
252		(4'-0" - 2 Slot) Diffuser D5 W/ (200 CFM)	10	EA	3.50	\$12.79	\$74.80	\$87.59	\$875.90	
253		(2'-0" x 0'-8") Diffuser D6 W/ (275 CFM)	6	EA	2.10	\$12.79	\$74.80	\$87.59	\$525.54	
254		(2'-0" x 0'-8") Diffuser D6 W/ (218 CFM)	8	EA	2.80	\$12.79	\$74.80	\$87.59	\$700.72	
255		(2'-0" x 0'-8") Diffuser D6 W/ (200 CFM)	20	EA	7.00	\$12.79	\$74.80	\$87.59	\$1,751.80	
256		(2'-0" x 2'-0") Return Grille/Register G 2 W/ (1000 CFM)	2	EA	0.70	\$12.79	\$76.80	\$89.59	\$179.18	
257		(2'-0" x 2'-0") Return Grille/Register G 2 W/ (250 CFM)	1	EA	0.35	\$12.79	\$76.80	\$89.59	\$89.59	
258		(2'-0" x 2'-0") Return Grille/Register G 2 W/ (150 CFM)	3	EA	1.05	\$12.79	\$76.80	\$89.59	\$268.77	
259		Rebalance Existing Diffuser	1	EA						
		Roof								
260		ACCU-2 Ductless Split Heat Pump System MODEL: DHR42CSB21S MBH: 44 VOLTS: 208 PHASE: 1	1	EA	3.50	\$130.00	\$4,600.00	\$4,730.00	\$4,730.00	
Subtotal (HVAC)										\$130,311

SUBTOTAL										\$139,405.17
7.25% Tax on the Contract Price			7.25%							\$10,106.87
OVERHEAD			10.0%							\$13,940.52
PROFIT			8%							\$11,152.41
CONTINGENCY			2%							\$2,788.10
TOTAL BASE BID										\$177,393.08

Note: