CLIENT'S INFORMATION: CONTACT: E-MAIL ADDRESS: PHONE NUMBER:

1-Nov-21

SCOPE:	Demolition & New HVAC							E-MAIL ADDRESS: PHONE NUMBER:	
								Date:	1-Nov-2
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								
1	Rectangular Duct			0.05	\$0.55	\$0.00	\$0.55	\$1.99	
2	(10" x 6") Rectangular Duct (10" x 10") Rectangular Duct	4	LF LF	0.14	\$0.55	\$0.00	\$0.55	\$5.10	
3	(10 x 10 ) 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 (24" x 12") Rectangular Duct	19 21	LF LF	0.37	\$0.73 \$0.73	\$0.00 \$0.00	\$0.73 \$0.73	\$13.56 \$15.32	
10	Circular Duct	363	LF	7.27	\$0.73	\$0.00	\$0.73	\$265.33	
	Diffuser & Grilles		2.						
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	
15	Fitting & Fixtures Electric Baseboard Unit Heater	18	EA	40.50	\$130.30	\$0.00	\$130.30	\$2,345.40	
	Second Floor	10	X		- 100.00			+_,0.0.40	
	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 20	(14" x 10") Rectangular Duct	13	LF LF	0.27 6.95	\$0.73 \$0.73	\$0.00 \$0.00	\$0.73 \$0.73	\$9.75 \$253.51	
20	Circular Duct Diffuser & Grilles	347	LF	0.95	ŞU.73	\$0.00	\$0.73	\$255.51	
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			0.22	ćo 70	<u> </u>	¢0.72	<u> </u>	
24 25	(8" x 8") Rectangular Duct	11	LF	0.22 0.18	\$0.73 \$0.73	\$0.00 \$0.00	\$0.73 \$0.73	\$8.10 \$6.57	
25	(8" x 10") Rectangular Duct         (10" x 10") Rectangular Duct	9 61	LF LF	1.21	\$0.73	\$0.00	\$0.73	\$44.17	
27	(10 x 10 ) 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 33	(12" x 12") Rectangular Duct	62 18	LF LF	1.23 0.36	\$0.73 \$0.73	\$0.00 \$0.00	\$0.73 \$0.73	\$44.95 \$13.09	
34	(14" x 10") Rectangular Duct         (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 26	LF LF	0.62	\$0.73 \$0.73	\$0.00 \$0.00	\$0.73 \$0.73	\$22.56 \$18.64	
41	(20" x 14") Rectangular Duct (22" x 12") Rectangular Duct	8	LF	0.51	\$0.73	\$0.00	\$0.73	\$18.64 \$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 \$2.38	\$0.00 \$0.00	\$2.38 \$2.38	\$29.89 \$24.13	
50	(34" x 12") Rectangular Duct Circular Duct	10 538	LF LF	6.45	\$0.44	\$0.00	\$2.58	\$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				A			4	
54	Terminal Box	8	EA	7.20 8.00	\$32.89 \$446.60	\$0.00 \$0.00	\$32.89 \$446.60	\$263.12 \$893.20	
55	Liebert Unit	2	EA	0.00	440.0U+ç	ŞU.UU	9440.0U	2032.20	
	Roof	1							
56	Liebert Condensing Unit	2	EA	8.00	\$446.60	\$0.00	\$446.60	\$893.20	
	Subtotal (Site Work/ Existing Conditions)	-							<u>\$9,09</u>

SCOPE:

PHASE: 1

ITEM # DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST
	First Floor								
57	Rectangular Duct (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 68	(22" x 14") Rectangular Duct	22	LF LF	6.27 6.12	\$10.41 \$10.16	\$24.50 \$23.70	\$34.91 \$33.86	\$768.02 \$744.92	
69	(24" x 12") Rectangular Duct	14		1.39	\$3.68	\$23.70	\$7.17	\$100.38	
03	Condensate & Refrigerant Piping Circular Duct	14		1.55	\$3.00	Ş3.45	<i>\$1.11</i>	\$100.58	
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	2	EA	0.17	\$6.10	\$31.20	\$37.30	\$37.30	
80	(22" x 14" To 10" Dia) Duct Tee	3	EA EA	0.59	\$10.71 \$10.71	\$54.30	\$65.01 \$65.01	\$130.02 \$195.03	
81 82	(24" x 12" To 10" Dia) Duct Tee	2	EA	0.88	\$10.71	\$54.30 \$22.60	\$27.42	\$195.05	
83	(8" x 8") Rectangular Duct Fitting W/ Turning Vane (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							
	(EBH-1) Electric Baseboard Unit Heater (24.6" Long)								
	MODEL: 910U00300C								
94	W/FT: 150	1	EA	0.00					
	WATS:300								
	VOLTS: 208 (EBH-2) Electric Baseboard Unit Heater (49.8" Long)								
	MODEL: 910U00750C								
95	W/FT: 250	2	EA	0.00					
	WATS:1000								
	VOLTS: 208								
	(EBH-3) Electric Baseboard Unit Heater (59.3" Long) MODEL: 910U01250C								
96	W/FT: 250	8	EA	0.00					
	WATS: 1250	_							
	VOLTS: 208								
	(EBH-4) Electric Baseboard Unit Heater (68.0" Long) MODEL: 910U01500C								
97	W/FT: 225	2	EA	0.00					
	WATS: 1250	_		0.00					
	VOLTS: 208								
	(EBH-5) Electric Baseboard Unit Heater (94.9" Long)								
00	MODEL: 910U02250C W/FT: 225	5	EA	0.00					
98	WATS: 1750	5	EA	0.00					
	VOLTS: 208								
	AC-1 Ductless Split Heat Pump System								
	MODEL: DHP30NW21S				600 C-	40.040	da	da	
99	MBH: 28 VOLTS: 208	1	EA	2.50	\$93.05	\$3,340.00	\$3,433.05	\$3,433.05	
	PHASE: 1								

1-Nov-21

## Demolition & New HVAC

1-Nov-21

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SCOPE:		Demolition & New HVAC							PHONE NUMBER: Date:	1-N
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE CO
		ACCU-1 Ductless Split Heat Pump System								
100		MODEL: DHP30CSB21S MBH: 28.4	1	EA	3.00	\$111.70	\$4,100.00	\$4,211.70	\$4,211.70	
100		VOLTS: 208			5.00	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$4,100.00	<i>Ş¬</i> ,211.70	<i><i><i>qq</i>,211.70</i></i>	
		PHASE: 1								
101		Relocated Thermostat, Extend Wiring as Required.	8	EA	6.00	\$27.40	\$162.00	\$189.40	\$1,515.20	
102		Tie Control for New Terminal Box into Existing Johnson Control System	3	EA	3.90	\$47.50	\$36.20	\$83.70	\$251.10	
103		The Floor's Supply Air.	1	EA	0.50	\$20.52	\$557.00	\$577.52	\$577.52	
		Diffuser & Grilles								
104		(2'-0" x 2'-0") Diffuser D1 W/ (415 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
105		(2'-0" x 2'-0") Diffuser D1 W/ (340 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
106 107		(2'-0" x 2'-0") Diffuser D1 W/ (280 CFM)	1 19	EA EA	0.35	\$12.79 \$12.79	\$74.80 \$74.80	\$87.59 \$87.59	\$87.59 \$1,664.21	
107		(2'-0" x 2'-0") Diffuser D1 W/ (250 CFM) (2'-0" x 2'-0") Diffuser D1 W/ (240 CFM)	5	EA	1.75	\$12.79	\$74.80	\$87.59	\$437.95	
100		(2'-0" x 2'-0") Diffuser D1 W/ (235 CFM)	3	EA	1.05	\$12.79	\$74.80	\$87.59	\$262.77	
110		(2'-0" x 2'-0") Diffuser D1 W/ (230 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
111		(2'-0" x 2'-0") Diffuser D1 W/ (225 CFM)	7	EA	2.45	\$12.79	\$74.80	\$87.59	\$613.13	
112		(2'-0" x 2'-0") Diffuser D1 W/ (200 CFM)	3	EA	1.05	\$12.79	\$74.80	\$87.59	\$262.77	
113		(2'-0" x 2'-0") Diffuser D1 W/ (185 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
114 115		(2'-0" x 2'-0") Diffuser D1 W/ (175 CFM) (2'-0" x 2'-0") Diffuser D1 W/ (160 CFM)	4	EA EA	0.35	\$12.79 \$12.79	\$74.80 \$74.80	\$87.59 \$87.59	\$350.36 \$87.59	
115		(2'-0' x 2'-0') Diffuser D1 W/ (160 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
117		(2'-0" x 2'-0") Diffuser D1 W/ (100 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
118		(2'-0" x 2'-0") Diffuser D1 W/ (50 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
119		(2'-0" x 2'-0") Diffuser D2 W/ (250 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
120		(2'-0" x 2'-0") Diffuser D2 W/ (150 CFM)	5	EA	1.75	\$12.79	\$74.80	\$87.59	\$437.95	
121		(1'-0" x 1'-0") Diffuser D4 W/ (75 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	
122		(4'-0" - 2 Slot) Diffuser D5 W/ (350 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	
123 124		(4'-0" - 2 Slot) Diffuser D5 W/ (250 CFM) (2'-0" x 2'-0") Diffuser D8 W/ (400 CFM)	2	EA EA	0.70	\$12.79 \$12.79	\$74.80 \$74.80	\$87.59 \$87.59	\$175.18 \$262.77	
124			5		1.05	<i>Ş12.75</i>	\$74.00	207.33	\$202.77	
125		(2'-0" x 2'-0") Return Grille/Register G 1	11	EA	3.85	\$12.79	\$76.80	\$89.59	\$985.49	
126		(2'-0" x 1'-0") Return Grille/Register G 2	14	EA	4.20	\$10.96	\$44.60	\$55.56	\$777.84	
127		(2'-0" x 1'-0") Return Grille/Register G 2 W/(300 CFM)	1	EA	0.30	\$10.96	\$44.60	\$55.56	\$55.56	
128		(2'-0" x 1'-0") Return Grille/Register G 2 W/ (150 CFM)	3	EA	0.90	\$10.96	\$44.60	\$55.56	\$166.68	
129		(1'-0" x 1'-0") Return Grille/Register G#	1	EA	0.25	\$9.14	\$9.06	\$18.20	\$18.20	
		Second Floor								
		Rectangular Duct								
130		(10" x 6") Rectangular Duct	7	LF	0.67	\$3.54	\$8.22	\$11.76	\$81.03	
131		(10" x 10") Rectangular Duct	34	LF	4.44	\$4.71	\$10.20	\$14.91	\$512.90	
132		(12" x 8") Rectangular Duct	97	LF	11.75	\$4.42	\$10.20	\$14.62	\$1,419.46	
133		(12" x 10") Rectangular Duct	57	LF	7.52	\$4.86	\$11.20	\$16.06	\$907.55	
134		(14" x 10") Rectangular Duct	24	LF	4.35	\$6.72	\$15.80	\$22.52	\$532.37	
135		Circular Duct (6" Dia) Circular Duct	46	LF	2.81	\$2.23	\$5.41	\$7.64	\$351.44	
135		(8" Dia) Circular Duct	260	LF	21.32	\$3.00	\$7.20	\$10.20	\$2,652.00	
137		(10" Dia) Circular Duct	46	LF	4.74	\$3.76	\$9.01	\$12.77	\$587.42	
		Flexible Duct								
138		(6" Dia) Flexible Duct	26	LF	2.08	\$2.92	\$9.49	\$12.41	\$322.66	
139		(8" Dia) Flexible Duct	140	LF	12.60	\$3.29	\$12.10	\$15.39	\$2,154.60	
140		(10" Dia) Flexible Duct	6	LF	0.72	\$4.38	\$13.60	\$17.98	\$107.88	
141		(12" Dia) Flexible Duct	14	LF	1.96	\$5.12	\$17.40	\$22.52	\$315.28	
142		Fitting & Fixture (10" x 10" To 8" Dia) Rectangular Duct Tee	2	EA	0.24	\$4.42	\$22.60	\$27.02	\$54.04	
142		(12" x 10") Rectangular Duct Tee	5	EA	0.67	\$4.86	\$24.90	\$29.76	\$148.80	
144		(14" x 10" To 8" Dia) Rectangular Duct Tee	3	EA	0.50	\$6.10	\$31.20	\$37.30	\$111.90	
145		(10" x 6" Degree) Rectangular Duct Fitting W/ Turning Vane	4	EA	0.53	\$4.82	\$22.60	\$27.42	\$109.68	
146		(12" x 8" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	17	EA	2.89	\$6.21	\$29.30	\$35.51	\$603.67	
147		(12" x 10" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	2	EA	0.39	\$7.09	\$33.20	\$40.29	\$80.58	
148		(14" x 10" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	2	EA	0.58	\$10.67	\$50.10	\$60.77	\$121.54	
149		(6" Dia) Circular Duct Radius Elbow	7	EA	1.20	\$6.28	\$11.00	\$17.28	\$120.96	
150		(8" Dia) Circular Duct Radius Elbow	27	EA	7.88	\$10.67	\$18.90	\$29.57	\$798.39	
151		(10" Dia) Circular Duct Radius Elbow	1 68	EA	0.47	\$17.17	\$30.20	\$47.37	\$47.37	
152		Connection To Existing Ducts	80						+	
153		Relocated Thermostat, Extend Wiring as Required.	13	EA	9.75	\$27.40	\$162.00	\$189.40	\$2,462.20	
154		Existing Johnson Control System	2	EA	2.60	\$47.50	\$36.20	\$83.70	\$167.40	
155		The Floor's Supply Air.	1	EA	0.50	\$20.52	\$557.00	\$577.52	\$577.52	
156		Offset Existing Branch Duct as Necessary to Allow	3	EA					7	
		New Duct to Pass Through Diffuser & Grilles							+	
L	I	printiser & Ormes		I	1	I	I	I	]	

SCOPE:

Date:

1-Nov-21

								Date:	1-Nov-2
ITEM # DWG	G. # DESCRIPTION	QUANTITY	UNIT	LABOUR HOURS	SUB COST LABOR	SUB COST MATERIAL	UNIT COST	TOTAL COST	TRADE COST
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	1
159	(2'-0" x 2'-0") Diffuser D1 W/ (260 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	I
160	(2'-0" x 2'-0") Diffuser D1 W/ (255 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	I
161	(2'-0" x 2'-0") Diffuser D1 W/ (250 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	l
162	(2'-0" x 2'-0") Diffuser D1 W/ (235 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	l
163	(2'-0" x 2'-0") Diffuser D1 W/ (230 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	ł
164	(2'-0" x 2'-0") Diffuser D1 W/ (220 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	1
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	1
167	(2'-0" x 2'-0") Diffuser D1 W/ (195 CFM)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	I
168	(2'-0" x 2'-0") Diffuser D1 W/ (190 CFM)	5	EA EA	1.75	\$12.79	\$74.80	\$87.59	\$437.95	I
169	(2'-0" x 2'-0") Diffuser D1 W/ (185 CFM)	3	EA	1.75	\$12.79	\$74.80	\$87.59	\$437.95 \$262.77	I
170 171	(2'-0" x 2'-0") Diffuser D1 W/ (180 CFM)	2	EA	1.05 0.70	\$12.79 \$12.79	\$74.80 \$74.80	\$87.59 \$87.59	\$262.77	I
171	(2'-0" x 2'-0") Diffuser D1 W/ (175 CFM) (2'-0" x 2'-0") Diffuser D1 W/ (170 CFM)	7	EA	2.45	\$12.79	\$74.80	\$87.59	\$613.13	l
172	(4'-0" - 2 Slot) Diffuser D5 W/ (160 CFM)	4	EA	1.40	\$12.79	\$74.80	\$87.59	\$350.36	I
175	(2'-0" x 2'-0") Diffuser D1 W/ (150 CFM)	3	EA	1.40	\$12.79	\$74.80	\$87.59	\$262.77	I
175	(2'-0" x 2'-0") Diffuser D1 W/ (140 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	l
176	(2'-0" x 2'-0") Diffuser D1 W/ (135 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	l
177	(2'-0" x 2'-0") Diffuser D1 W/ (135 er M)	2	EA	0.70	\$12.79	\$74.80	\$87.59	\$175.18	l
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	l .
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	l
184	(4'-0" - 1 Slot) Return Grille G4	1	EA						l .
	Third Floor								I
	Rectangular Duct								I
185	(8" x 8") Rectangular Duct	33	LF	3.19	\$3.54	\$8.22	\$11.76	\$387.02	I
186	(8" x 6") Rectangular Duct	14	LF	1.18	\$3.07	\$7.17	\$10.24	\$143.36	I
187	(8" x 10") Rectangular Duct	22	LF	2.40	\$3.98	\$9.21	\$13.19	\$290.18	I
188	(10" x 10") Rectangular Duct	31	LF	4.00	\$4.71	\$10.20	\$14.91	\$462.66	l
189	(12" x 12") Rectangular Duct	33	LF	4.72	\$5.30	\$12.10	\$17.40	\$566.89	ł
190	(14" x 14") Rectangular Duct	24	LF	5.34	\$8.15	\$19.00	\$27.15	\$650.24	ł
191	(16" x 8") Rectangular Duct	26	LF	4.78	\$6.72	\$15.80	\$22.52	\$585.52	1
192	(18" x 14") Rectangular Duct	26	LF	6.50	\$9.28	\$21.60	\$30.88	\$789.91	1
193	(20" x 12") Rectangular Duct	22	LF	5.43	\$9.02	\$21.10	\$30.12	\$662.64	1
194	(58" x 18") Rectangular Duct	10	LF	8.50	\$31.06	\$73.20	\$104.26	\$1,042.60	1
195	(1" Dia) Condensate Drain Line	44	LF	4.36	\$3.68	\$3.49	\$7.17	\$315.48	1
196	Refrigerant Line up Through Roof	1	EA						I
407	Circular Duct	40	15	2.44	¢2.22	ĆT 41	¢7.64	¢205.00	l
197	(6" Dia) Circular Duct	40	LF	2.44	\$2.23	\$5.41	\$7.64	\$305.60	I
198	(8" Dia) Circular Duct	42	LF	3.44	\$3.00	\$7.20	\$10.20	\$428.40 \$1,404.70	I
199 200	(10" Dia) Circular Duct	110 22	LF	11.33 2.72	\$3.76 \$4.49	\$9.01 \$10.70	\$12.77 \$15.19	\$1,404.70 \$336.46	I
200	(12" Dia) Circular Duct	56	LF	9.74	\$6.36	\$13.50	\$19.86	\$1,112.16	I
201	(14" Dia) Circular Duct	80	LF	13.92	\$6.36	\$13.50	\$19.86	\$1,588.80	I
202	(16" Dia) Circular Duct (18" Dia) Circular Duct	244	LF	47.58	\$7.12	\$17.10	\$13.00	\$5,909.68	I
203	(18° Dia) Circular Duct	244	LF	4.68	\$7.12	\$17.10	\$24.22	\$581.28	I
204	Flexible Duct				, , , , , , , , , , , , , , , , , , ,	ý1/120	<i>\\</i>	<i>\$501.20</i>	I
205	(6" Dia) Flexible Duct	14	LF	1.12	\$2.92	\$9.49	\$12.41	\$173.74	I
206	(8" Dia) Flexible Duct	6	LF	0.54	\$3.29	\$12.10	\$15.39	\$92.34	I
207	(10" Dia) Flexible Duct	40	LF	4.80	\$4.38	\$13.60	\$17.98	\$719.20	I
	Fitting & Fixtures								I
208	(10" x 10" To 8" x 6") Rectangular Duct Tee	1	EA	0.12	\$4.42	\$22.60	\$27.02	\$27.02	I
209	(20" x 12" To 12" x 12") Rectangular Duct Tee	1	EA	0.26	\$9.57	\$49.20	\$58.77	\$58.77	l .
210	(8" x 10" ) Rectangular Duct Tee	2	EA	0.22	\$3.98	\$20.30	\$24.28	\$48.56	I
211	(12" x 12" To 10" Dia) Rectangular Duct Tee	5	EA	0.90	\$6.58	\$33.60	\$40.18	\$200.90	I
212	(14" x 14" To 10" Dia) Rectangular Duct Tee	3	EA	0.54	\$6.58	\$33.60	\$40.18	\$120.54	I
213	(18" x 14" To 10" Dia) Rectangular Duct Tee	5	EA	1.31	\$9.57	\$49.20	\$58.77	\$293.85	l
214	(12" Dia To 8" Dia) Circular Duct Tee	1	EA	0.32	\$11.84	\$42.40	\$54.24	\$54.24	l
215	(12" Dia To 10" Dia) Circular Duct Tee	1	EA	0.32	\$11.84	\$42.40	\$54.24	\$54.24	l
216	(18" Dia To 14" Dia) Circular Duct Tee	1	EA	0.51	\$18.56	\$66.40	\$84.96	\$84.96	l
217	(20" Dia To 8" Dia) Circular Duct Tee	1	EA	0.68	\$24.88	\$104.00	\$128.88	\$128.88	l
218	(20" Dia To 14" Dia) Circular Duct Tee	1	EA	0.57	\$20.68	\$76.40	\$97.08	\$97.08	ł
219	(8" x 8" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.13	\$4.82	\$22.60	\$27.42	\$27.42	1
220	(10" x 10" 8,00 Degree) Bestere des Duct States - Md Touris - M	2	EA	0.68	\$12.42	\$58.60	\$71.02	\$142.04	
<u> </u>	(10" x 10" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane					+	-		I.
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		1	E.	0.24	612.42	¢E9.20	670.70	670.70	
222	(16" x 8" & 90 Degree) Rectangular Duct Fitting W/ Turning Vane	1	EA	0.34	\$12.42	\$58.30	\$70.72	\$70.72	I

PROJECT ID:	CMHA Administrative Building Renovation
SCOPE:	Demolition & New HVAC

**CLIENT'S INFORMATION:** CONTACT: E-MAIL ADDRESS: PHONE NUMBER:

SCOPE:	Demolition & New HVAC						Р	PHONE NUMBER:	
ITEM # DWG. #		OLIANITITY	LINUT	LABOUR HOURS	SUB COST	SUB COST		Date:	1-Nov-21 TRADE COST
		QUANTITY			LABOR	MATERIAL	UNIT COST	TOTAL COST	TRADE COST
223	(16" x 8" Degree) Rectangular Duct Fitting W/ Turning Vane	2	EA EA	0.68	\$12.42	\$58.30	\$70.72 \$17.28	\$141.44	1
224 225	(6" Dia) Circular Duct Radius Elbow (8" Dia) Circular Duct Radius Elbow	3	EA	0.52	\$6.28 \$10.67	\$11.00 \$18.90	\$17.28 \$29.57	\$51.84 \$88.71	(
225	(10" Dia) Circular Duct Radius Elbow	7	EA	3.29	\$10.07	\$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	i – – – – – – – – – – – – – – – – – – –
228	(18" Dia) Circular Duct Radius Elbow	4	EA	6.08	\$55.54	\$97.20	\$152.74	\$610.96	1
229	(20" Dia) Circular Duct Radius Elbow	1	EA	1.52	\$55.54	\$97.20	\$152.74	\$152.74	4
230	Connection To Existing Ducts	11	<b> </b>	ļ'	·	- <u> </u> '	·	/	4 <b>I</b>
┢──┤───	Terminal Box V3-1	'	<del> </del>			'			ι <b>Ι</b>
1	MODEL: TSL	!	1	1	1		1		(
231	CFM MAX: 1744	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	(
231	CFM MIN: 523	1 <sup>1</sup>		0.50	\$20.32	\$3,040.00	\$3,000.32	\$3,000.32	(
1	VOLTS: 480 PHASE: 3	!	1	1	1	'	1		(
┟──┼───	Terminal Box V3-2	+	t	++	· · · · · · · · · · · · · · · · · · ·	+	t	+	(
1	MODEL: TSL		1	1	1		1		(
232	CFM MAX: 400 CFM MIN: 200	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	(
1	VOLTS: 480		1	1	1		1		(
l	PHASE: 3	!	í	I	1	!	1		(
	Terminal Box V3-3				1	,			(
1	MODEL: TSL CFM MAX: 2000		1	1	1		1		(
233	CFM MIAX: 2000 CFM MIN: 600	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	(
1	VOLTS: 480		1	1	1		1		(
	PHASE: 3	!	1	<u> </u>	·	'	ļ'		4
1	Terminal Box V3-4 MODEL: TSL		1	1	1		1		( I
1	CFM MAX: 595		1		1	'	1		( <b>1</b>
234	CFM MIN: 179	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	( I
1	VOLTS: 480		1	1	1		1		(
┝──┼───	PHASE: 3 Terminal Box V3-5	/	<b></b>	ļ/	·	'	·'		i – – – – – – – – – – – – – – – – – – –
	MODEL: TSL		1	1	1				1
225	CFM MAX: 1000	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	i l
235	CFM MIN: 300	1		0.50	Ş20.5≥	\$5,040.00	\$3,000.52	\$5,000.32	i l
1	VOLTS: 480 PHASE: 3		1	1	1	'	1	1	i
$\vdash$	PHASE: 3 Terminal Box V3-6	+	<u> </u>	+	<u> </u>	+'	+	+	i l
1	MODEL: TSL		1	1	1	'	1	1	1
236	CFM MAX: 2000	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	í.
	CFM MIN: 600 VOLTS: 480	!	1	1	¥	40, <u>-</u> 1	40,11		i j
1	PHASE: 3		1	1	1	'	1	1	i l
1 +	Terminal Box V3-7	+ ,	<u> </u>	1	[	·   · · · ·	t	1	í l
1	MODEL: TSL		1		1				(
237	CFM MAX: 1750 CFM MIN: 525	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	i l
1	VOLTS: 480		1		1				(
l	PHASE: 3		Ĺ	I	l	!			í l
	Terminal Box V3-8 MODEL: TSL	T I	Ē		1	·			í l
1	CFM MAX: 2000	!	1	1	1		1		í.
238	CFM MIN: 600	1	EA	0.50	\$20.52	\$3,040.00	\$3,060.52	\$3,060.52	í l
1	VOLTS: 480		1		1				í l
<b>└──</b> ┤───	PHASE: 3 AC-2 Ductless Split Heat Pump System	_ <u></u> '	<b> </b>	ļ/	<b> </b> '	'	·		t l
1	MODEL: DHR42NCB21S	!	1	1	1	'	1		1
239	MBH: 39.5	1	EA	3.00	\$111.70	\$4,100.00	1		1
1	VOLTS: 208		1	1	1		1		1
┝──┼───	PHASE: 1 Kitchen Hood (36" L. & 60" H.)	!	<b> </b>	ļ/	·	'	·		t I
1	MODEL: XRRS		1	1	1		1		1
240	CFM: 300	1	EA	4.00	\$148.88	\$281.50	\$430.38	\$430.38	1
	WEIGHT: 93LBS	!	1	<u> </u>	<b></b> '	'	<u> </u> '		4
1	High Volume Low Speed Fan (HVLS-1) MODEL: DC-5-6-3LV		1	1	1	'	1		1 1
1	WEIGHT: 33 LBS	!	1	1	1		1		1
241	RPM: 104	3	EA	18.00	\$308.70	\$4,623.00	\$4,931.70	\$14,795.10	1
1	WATS: 50		1	1	1				1
1	VOLTS: 115	!	1	1	1		1		1
242	PHASE: 1	1	EA	0.16	\$6.36	\$51.50	\$57.86	\$57.86	1
242	HVLS Fan Controller Manual Pull Station For Kitchen Hood System	1	EA	0.10	ŞU.30		\$37.00	\$37.00	1
243	Existing Johnson Control System	8	EA	10.40	\$47.50	\$36.20	\$83.70	\$669.60	1
	Balance Return Air Volume Damper to 90% of								1
245	The Floor's Supply Air.	1	EA	0.50	\$20.52	\$557.00	\$577.52	\$577.52	L
246	(3'-0" x 2'-6") Return Air Opening Directed up Toward Ceiling	1	EA	<u> </u>	'	I	· '		4
<b>└──</b>	Diffusers & Grilles	!	<b></b>	!	<b> </b> '	'	ļ'		4
247	(2'-0" x 2'-0") Diffuser D1 W/ (235 CFM)	1	EA	0.35	\$12.79	\$74.80	\$87.59	\$87.59	1
248	(2'-0" x 2'-0") Diffuser D1 W/ (200 CFM)	6	EA	2.10	\$12.79	\$74.80	\$87.59	\$525.54	, I

							CLIENT'	S INFORMATION:	
PROJECT ID:	CMHA Administrative Building Renovation							CONTACT:	
								E-MAIL ADDRESS:	
SCOPE:	Demolition & New HVAC						1	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
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								
	ACCU-2 Ductless Split Heat Pump System								
	MODEL: DHR42CSB21S				*				
260	MBH: 44 VOLTS: 208	1	EA	3.50	\$130.00	\$4,600.00	\$4,730.00	\$4,730.00	
	PHASE: 1								
	Subtotal (HVAC)								<u>\$130,311</u>
								<b>ا</b> ــــــــــــــــــــــــــــــــــــ	
SUBTOTAL									\$139,405.17
7.25% Tax on the C	ontract Price	7.25%							\$10,106.87
OVERHEAD		10.0%							\$13,940.52
PROFIT		8%							\$11,152.41
CONTINGENCY		2%							\$2,788.10
TOTAL BASE BIL									\$177,393.08
Note:									
	-								