

PROJECT:											
ADDRESS:											
REV: 0											
										SM LABOR RATE	\$ 125.72
										INS LABOR RATE	\$ 117.68
										PIPE LABOR RATE	\$ 123.52
SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	MATERIAL COST	LABOR RATE	LABOR HOURS	LABOR COST	TOTAL COST
HVAC ESTIMATE											
NEW WORK											
FLEXIBLE DUCT											
1	6" Dia Flexible Duct	195	10%	215	LFT	\$ 2.46	\$ 528	\$ 126	13	\$ 1,618	\$ 2,146
2	8" Dia Flexible Duct	496	10%	546	LFT	\$ 2.78	\$ 1,517	\$ 126	33	\$ 4,116	\$ 5,632
3	10" Dia Flexible Duct	914	10%	1005	LFT	\$ 3.22	\$ 3,237	\$ 126	80	\$ 10,112	\$ 13,349
4	12" Dia Flexible Duct	75	10%	83	LFT	\$ 4.32	\$ 356	\$ 126	7	\$ 933	\$ 1,290
5	14" Dia Flexible Duct	34	10%	37	LFT	\$ 6.33	\$ 237	\$ 126	4	\$ 470	\$ 707
6	16" Dia Flexible Duct	25	10%	28	LFT	\$ 8.78	\$ 241	\$ 126	3	\$ 415	\$ 656
AIR DEVICES											
1	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 45 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
2	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 50 CFM	35	0%	35	EA		\$ -	\$ 124	28	\$ 3,459	\$ 3,459
3	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 60 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
4	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 65 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
5	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 70 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
6	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 75 CFM	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
7	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 80 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
8	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 85 CFM	7	0%	7	EA		\$ -	\$ 124	6	\$ 692	\$ 692
9	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 90 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
10	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 95 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
11	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 100 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
12	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 6" Dia Neck Size, 115 CFM	5	0%	5	EA		\$ -	\$ 124	4	\$ 494	\$ 494
13	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 50 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
14	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 55 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
15	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 90 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
16	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 105 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
17	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 110 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
18	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 115 CFM	5	0%	5	EA		\$ -	\$ 124	4	\$ 494	\$ 494
19	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 120 CFM	10	0%	10	EA		\$ -	\$ 124	8	\$ 988	\$ 988
20	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 125 CFM	19	0%	19	EA		\$ -	\$ 124	15	\$ 1,878	\$ 1,878
21	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 130 CFM	11	0%	11	EA		\$ -	\$ 124	9	\$ 1,087	\$ 1,087
22	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 135 CFM	8	0%	8	EA		\$ -	\$ 124	6	\$ 791	\$ 791
23	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 140 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
24	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 145 CFM	5	0%	5	EA		\$ -	\$ 124	4	\$ 494	\$ 494
25	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 150 CFM	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
26	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 155 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
27	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 160 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
28	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 165 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
29	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 170 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
30	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 175 CFM	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
31	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 180 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
32	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 185 CFM	5	0%	5	EA		\$ -	\$ 124	4	\$ 494	\$ 494

33	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 190 CFM	8	0%	8	EA		\$ -	\$ 124	6	\$ 791	\$ 791
34	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 200 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
35	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 210 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
36	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 270 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
37	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8" Dia Neck Size, 295 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
38	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 8"x6" Neck Size, 120 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
39	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 135 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
40	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 205 CFM	9	0%	9	EA		\$ -	\$ 124	7	\$ 889	\$ 889
41	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 210 CFM	11	0%	11	EA		\$ -	\$ 124	9	\$ 1,087	\$ 1,087
42	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 215 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
43	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 220 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
44	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 230 CFM	20	0%	20	EA		\$ -	\$ 124	16	\$ 1,976	\$ 1,976
45	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 235 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
46	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 240 CFM	5	0%	5	EA		\$ -	\$ 124	4	\$ 494	\$ 494
47	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 245 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
48	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 250 CFM	24	0%	24	EA		\$ -	\$ 124	19	\$ 2,372	\$ 2,372
49	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 255 CFM	9	0%	9	EA		\$ -	\$ 124	7	\$ 889	\$ 889
50	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 260 CFM	16	0%	16	EA		\$ -	\$ 124	13	\$ 1,581	\$ 1,581
51	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 265 CFM	42	0%	42	EA		\$ -	\$ 124	34	\$ 4,150	\$ 4,150
52	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 270 CFM	14	0%	14	EA		\$ -	\$ 124	11	\$ 1,383	\$ 1,383
53	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 275 CFM	8	0%	8	EA		\$ -	\$ 124	6	\$ 791	\$ 791
54	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 280 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
55	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 285 CFM	14	0%	14	EA		\$ -	\$ 124	11	\$ 1,383	\$ 1,383
56	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 290 CFM	33	0%	33	EA		\$ -	\$ 124	26	\$ 3,261	\$ 3,261
57	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 295 CFM	8	0%	8	EA		\$ -	\$ 124	6	\$ 791	\$ 791
58	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 10" Dia Neck Size, 300 CFM	27	0%	27	EA		\$ -	\$ 124	22	\$ 2,668	\$ 2,668
59	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 270 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
60	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 305 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
61	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 310 CFM	9	0%	9	EA		\$ -	\$ 124	8	\$ 1,001	\$ 1,001
62	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 320 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
63	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 325 CFM	4	0%	4	EA		\$ -	\$ 124	4	\$ 445	\$ 445
64	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 350 CFM	4	0%	4	EA		\$ -	\$ 124	4	\$ 445	\$ 445
65	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 365 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
66	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 385 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
67	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 12" Dia Neck Size, 395 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
68	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 14" Dia Neck Size, 500 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 667	\$ 667
69	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 16" Dia Neck Size, 1250 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 667	\$ 667
70	Ceiling Mounted Supply Diffuser, BASIS OF DESIGN "PRICE", 16" Dia Neck Size, 675 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
71	Wall Mounted Supply Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 25 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
72	Wall Mounted Supply Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 60 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
73	Wall Mounted Supply Register, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 50 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99

74	Wall Mounted Supply Register, BASIS OF DESIGN "PRICE", 8"x6" Neck Size, 145 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
75	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 8"x8" Neck Size	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
76	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size	163	0%	163	EA		\$ -	\$ 124	212	\$ 26,174	\$ 26,174
77	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 1070 CFM	6	0%	6	EA		\$ -	\$ 124	8	\$ 963	\$ 963
78	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 175 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 161	\$ 161
79	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 210 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 161	\$ 161
80	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 225 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 161	\$ 161
81	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 330 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 161	\$ 161
82	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 700 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 161	\$ 161
83	Ceiling Mounted Return Grille, BASIS OF DESIGN "PRICE", 24"x24" Neck Size, 75 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 161	\$ 161
84	Ceiling Mounted Return Register, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 500 CFM	3	0%	3	EA		\$ -	\$ 124	3	\$ 334	\$ 334
85	Ceiling Mounted Return Register, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 675 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
86	Ceiling Mounted Return Register, BASIS OF DESIGN "PRICE", 18"x10" Neck Size, 500 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 272	\$ 272
87	Ceiling Mounted Return Register, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 100 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
88	Ceiling Mounted Return Register, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 120 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
89	Ceiling Mounted Return Register, BASIS OF DESIGN "PRICE", 8"x6" Neck Size, 145 CFM	6	0%	6	EA		\$ -	\$ 124	5	\$ 593	\$ 593
90	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 50 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
91	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 100"x40" Neck Size	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
92	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 100"x50" Neck Size	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
93	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 78"x34" Neck Size	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
94	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 120"x40" Neck Size, 12885 CFM, W/ WMS	1	0%	1	EA		\$ -	\$ 124	6	\$ 679	\$ 679
95	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 42"x22" Neck Size, 2500 CFM, W/ WMS	1	0%	1	EA		\$ -	\$ 124	2	\$ 198	\$ 198
96	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 64"x38" Neck Size, 6645 CFM, W/ WMS	1	0%	1	EA		\$ -	\$ 124	2	\$ 284	\$ 284
97	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 72"x28" Neck Size, 5000 CFM, W/ WMS	1	0%	1	EA		\$ -	\$ 124	3	\$ 346	\$ 346
98	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 76"x26" Neck Size, 4515 CFM, W/ WMS	2	0%	2	EA		\$ -	\$ 124	6	\$ 692	\$ 692
99	Wall Mounted Return Grille, BASIS OF DESIGN "PRICE", 80"x34" Neck Size, 7200 CFM, W/ WMS	4	0%	4	EA		\$ -	\$ 124	12	\$ 1,482	\$ 1,482
100	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 8"x8" Neck Size, 100 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
101	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 8"x8" Neck Size, 105 CFM	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
102	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 8"x8" Neck Size, 215 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
103	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 8"x8" Neck Size, 50 CFM	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
104	Ceiling Mounted Transfer Grille, 8"x8" Neck Size, 150 CFM	8	0%	8	EA		\$ -	\$ 124	6	\$ 791	\$ 791
105	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 10"x10" Neck Size, 130 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
106	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 10"x10" Neck Size, 135 CFM	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
107	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 10"x10" Neck Size, 170 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
108	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 10"x10" Neck Size, 185 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
109	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 12"x12" Neck Size, 215 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
110	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 12"x12" Neck Size, 230 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
111	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 12"x12" Neck Size, 250 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
112	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 12"x12" Neck Size, 260 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
113	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 12"x12" Neck Size, 255 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
114	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 14" Dia Neck Size, 570 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
115	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 16" Dia Neck Size, 780 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
116	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 465 CFM	3	0%	3	EA		\$ -	\$ 124	3	\$ 334	\$ 334

117	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 470 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
118	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 500 CFM	3	0%	3	EA		\$ -	\$ 124	3	\$ 334	\$ 334
119	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 510 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
120	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 18"x18" Neck Size, 690 CFM	4	0%	4	EA		\$ -	\$ 124	4	\$ 543	\$ 543
121	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 20"x20" Neck Size, 735 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 272	\$ 272
122	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 14"x14" Neck Size, 285 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
123	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 14"x14" Neck Size, 305 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
124	Ceiling Mounted Transfer Register, BASIS OF DESIGN "PRICE", 14"x14" Neck Size, 385 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
125	Wall Mounted Transfer Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 50 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
126	Wall Mounted Transfer Grille, BASIS OF DESIGN "PRICE", 16"x16" Neck Size, 500 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 222	\$ 222
127	Wall Mounted Transfer Grille, BASIS OF DESIGN "PRICE", 10"x10" Neck Size, 150 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
128	Wall Mounted Transfer Grille, BASIS OF DESIGN "PRICE", 50"x12" Neck Size, 1300 CFM	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
129	Ceiling Mounted Linear Supply Diffuser, 6"x6" Neck Size, 50 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
130	Ceiling Mounted Exhaust Grille, BASIS OF DESIGN "PRICE", 14"x10" Neck Size, 570 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 111	\$ 111
131	Ceiling Mounted Exhaust Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 100 CFM	12	0%	12	EA		\$ -	\$ 124	10	\$ 1,186	\$ 1,186
132	Ceiling Mounted Exhaust Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 105 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 99	\$ 99
133	Ceiling Mounted Exhaust Grille, BASIS OF DESIGN "PRICE", 6"x6" Neck Size, 50 CFM	5	0%	5	EA		\$ -	\$ 124	4	\$ 494	\$ 494
134	Ceiling Mounted Exhaust Grille, BASIS OF DESIGN "PRICE", 8"x18" Neck Size, 780 CFM	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
135	Ceiling Mounted Exhaust Grille, BASIS OF DESIGN "PRICE", 8"x8" Neck Size, 215 CFM	2	0%	2	EA		\$ -	\$ 124	2	\$ 198	\$ 198
136	Return Air Opening, 54"x24" Terminate W/ WMS, 3500 CFM	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
137	Return Air Opening, 64"x20" Terminate W/ WMS, 3500 CFM	1	0%	1	EA		\$ -	\$ 124	2	\$ 284	\$ 284
138	LD-1, Linear Diffuser, PRICE SDS100, 10" Dia Neck Size, 325 Air Flow CFM. 1. Provide Pattern Controllers. 2. Provide Continuous Linear Bar Diffuser.	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
139	LD-2, Linear Diffuser, PRICE SDS100, 10" Dia Neck Size, 375 Air Flow CFM. 1. Provide Pattern Controllers. 2. Provide Continuous Linear Bar Diffuser.	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
140	LD-3, Linear Diffuser, PRICE SDS100, 10" Dia Neck Size, 330 Air Flow CFM. 1. Provide Pattern Controllers. 2. Provide Continuous Linear Bar Diffuser.	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
141	LD-4, Linear Diffuser, PRICE SDS100, 8" Dia Neck Size, 205 Air Flow CFM. 1. Provide Pattern Controllers. 2. Provide Continuous Linear Bar Diffuser.	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
142	LD-5, Linear Diffuser, PRICE SDS100, 8" Dia Neck Size, 210 Air Flow CFM. 1. Provide Pattern Controllers. 2. Provide Continuous Linear Bar Diffuser.	3	0%	3	EA		\$ -	\$ 124	2	\$ 296	\$ 296
OUTDOOR AIR HANDLING UNIT											
1	AHU-1N, Air Handling Unit, TRANE CSAA035, 14400 Max Air Flow CFM, 60.6 FLA AMPS, 65.8 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. 100% Modulating Enthalpy Based Economizers. 2. Stainless Steel Condensate Drain Pans. 3. Convenience Outlets (115V) In NEMA 3R Enclosures. 4. All Filters W/Min MERV 13 Efficiency.	1	0%	1	EA		\$ -	\$ 124	32	\$ 3,953	\$ 3,953
2	AHU-1S, Air Handling Unit, TRANE CSAA040, 16800 Max Air Flow CFM, 66.2 FLA AMPS, 71.4 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. 100% Modulating Enthalpy Based Economizers. 2. Stainless Steel Condensate Drain Pans. 3. Convenience Outlets (115V) In NEMA 3R Enclosures. 4. All Filters W/Min MERV 13 Efficiency.	1	0%	1	EA		\$ -	\$ 124	32	\$ 3,953	\$ 3,953
3	AHU-2N, Air Handling Unit, TRANE CSAA040, 17800 Max Air Flow CFM, 78.2 FLA AMPS, 84.9 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. 100% Modulating Enthalpy Based Economizers. 2. Stainless Steel Condensate Drain Pans. 3. Convenience Outlets (115V) In NEMA 3R Enclosures. 4. All Filters W/Min MERV 13 Efficiency.	1	0%	1	EA		\$ -	\$ 124	32	\$ 3,953	\$ 3,953
4	AHU-2S, Air Handling Unit, TRANE CSAA040, 22100 Max Air Flow CFM, 97.4 FLA AMPS, 105.9 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. 100% Modulating Enthalpy Based Economizers. 2. Stainless Steel Condensate Drain Pans. 3. Convenience Outlets (115V) In NEMA 3R Enclosures. 4. All Filters W/Min MERV 13 Efficiency.	1	0%	1	EA		\$ -	\$ 124	36	\$ 4,447	\$ 4,447

5	AHU-3N, Air Handling Unit, TRANE CSAA040, 20000 Max Air Flow CFM, 78.4 FLA AMPS, 81.1 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. 100% Modulating Enthalpy Based Economizers. 2. Stainless Steel Condensate Drain Pans. 3. Convenience Outlets (115V) In NEMA 3R Enclosures. 4. All Filters W/Min MERV 13 Efficiency.	1	0%	1	EA	\$ -	\$ 124	36	\$ 4,447	\$ 4,447
6	AHU-3S, Air Handling Unit, TRANE CSAA040, 20700 Max Air Flow CFM, 84.4 FLA AMPS, 91.1 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. 100% Modulating Enthalpy Based Economizers. 2. Stainless Steel Condensate Drain Pans. 3. Convenience Outlets (115V) In NEMA 3R Enclosures. 4. All Filters W/Min MERV 13 Efficiency.	1	0%	1	EA	\$ -	\$ 124	36	\$ 4,447	\$ 4,447
CHILLER										
1	CH-1, Chiller, "TRANE TURBOCOR ARCTIC CHILLER" TACW450CT4022 ECO, 460 V, 3 PH, 60 HZ, 419.7 MCA AMPS, 387.4 FLA AMPS, 500 MOCAP AMPS. 1. HFC-R513A Refrigerant. 2. Refrigerant Relief Piping With Flexible Connections And Cleanable Vertical Leg Drip Traps.	1	0%	1	EA	\$ -	\$ 124	96	\$ 11,858	\$ 11,858
GAS FIRED HOT WATER BOILER										
1	B-1, Gas- Fired Hot Water Boiler, "AERCO" BMK PLATINUM 2500 W/EDGE [ij], 3.2 Burner Motor HP, 5 FLA AMPS, 460 V, 3 PH, 60 HZ. 1. Category IV Double Wall AL29-4C Stainless Steel Flues W/1" Thermal Insulation. 2. Modulating Sequencing Motor Operated Valves (By Boiler Manufacturer).	1	0%	1	EA	\$ -	\$ 124	48	\$ 5,929	\$ 5,929
2	B-2, Gas- Fired Hot Water Boiler, "AERCO" BMK PLATINUM 2500 W/EDGE [ij], 3.2 Burner Motor HP, 5 FLA AMPS, 460 V, 3 PH, 60 HZ. 1. Category IV Double Wall AL29-4C Stainless Steel Flues W/1" Thermal Insulation. 2. Modulating Sequencing Motor Operated Valves (By Boiler Manufacturer).	1	0%	1	EA	\$ -	\$ 124	48	\$ 5,929	\$ 5,929
COOLING TOWER										
1	CT-1, Cooling Tower, "EVAPCO" ESW4 12-46018-LF, 50 Fan Motor H.P, 155600 Air Flow CFM, 460 V, 3 PH, 60 HZ. 1. VFD For Fan Motor In NEMA 3R Enclosure (Mounted On Cooling Tower).	1	0%	1	EA	\$ -	\$ 124	120	\$ 14,822	\$ 14,822
PUMP										
1	CHWP-1, Pump, "BELL & GOSSETT" SERIES e-1510, MODEL 5GB, 1800 RPM, 460 V, 3 PH, 60 HZ, 50.0 HP. 1. Premium Efficiency Motors.	1	0%	1	EA	\$ -	\$ 124	24	\$ 2,964	\$ 2,964
2	CHWP-2, Pump, "BELL & GOSSETT" SERIES e-1510, MODEL 5GB, 1800 RPM, 460 V, 3 PH, 60 HZ, 50.0 HP. 1. Premium Efficiency Motors.	1	0%	1	EA	\$ -	\$ 124	24	\$ 2,964	\$ 2,964
3	CWP-1, Pump, "BELL & GOSSETT" SERIES e-1510, MODEL 5GB, 1800 RPM, 460 V, 3 PH, 60 HZ, 60.0 HP. 1. Premium Efficiency Motors.	1	0%	1	EA	\$ -	\$ 124	24	\$ 2,964	\$ 2,964
4	CWP-2, Pump, "BELL & GOSSETT" SERIES e-1510, MODEL 5GB, 1800 RPM, 460 V, 3 PH, 60 HZ, 60.0 HP. 1. Premium Efficiency Motors.	1	0%	1	EA	\$ -	\$ 124	24	\$ 2,964	\$ 2,964
5	HWP-1, Pump, "BELL & GOSSETT" SERIES e-1510, MODEL 4GC, 1800 RPM, 460 V, 3 PH, 60 HZ, 30.0 HP. 1. Premium Efficiency Motors.	1	0%	1	EA	\$ -	\$ 124	16	\$ 1,976	\$ 1,976
6	HWP-1, Pump, "BELL & GOSSETT" SERIES e-1510, MODEL 4GC, 1800 RPM, 460 V, 3 PH, 60 HZ, 30.0 HP. 1. Premium Efficiency Motors.	1	0%	1	EA	\$ -	\$ 124	16	\$ 1,976	\$ 1,976
AIR SEPARATOR										
1	AS-1, Air Separator, "BELL & GOSSETT" R-8F, 1100 Max Air Flow.	1	0%	1	EA	\$ -	\$ 124	8	\$ 988	\$ 988
2	AS-2, Air Separator, "BELL & GOSSETT" R-10F, 1300 Max Air Flow.	1	0%	1	EA	\$ -	\$ 124	8	\$ 988	\$ 988
3	AS-3, Air Separator, "BELL & GOSSETT" R-8F, 630 Max Air Flow.	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741
MAKE-UP AIR UNIT										
1	MAU-P-1, Makeup Air Unit, "TRANE" GRAA60PFJF0, 5700 Outdoor Air Flow GPM, 7.1 MCA AMPS, 460 V, 3 PH, 60 HZ. 1. NEMA 3R Disconnect Switch.	1	0%	1	EA	\$ -	\$ 124	42	\$ 5,188	\$ 5,188
EXPANSION TANK										
1	ET-1, Expansion Tank, "BELL AND GOSSETT" B-600, 12 / 75 Full Working Pressure PSI.	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741
2	ET-2, Expansion Tank, "BELL AND GOSSETT" B-300, 12 / 75 Full Working Pressure PSI.	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741
3	ET-3, Expansion Tank, "BELL AND GOSSETT" B-3000, 12 / 75 Full Working Pressure PSI.	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741
GLYCOL MAKE-UP PACKAGE										

1	GP-1, Glycol Make-up Package, "ADVANCE CONTROLS" GF-2A3B3H-3-C12, 100 Solution Container Gallons, 1/3 Pump HP, 115 V, 1 PH, 60 HZ. 1. DDC Controls With Pre-Configured ETL Listed XS Series Controllers And Bacnet Cards.	1	0%	1	EA		\$ -	\$ 124	24	\$ 2,964	\$ 2,964
2	GP-2, Glycol Make-up Package, "ADVANCE CONTROLS" GF-2A3B3H-3-C12, 100 Solution Container Gallons, 1/3 Pump HP, 115 V, 1 PH, 60 HZ. 1. DDC Controls With Pre-Configured ETL Listed XS Series Controllers And Bacnet Cards.	1	0%	1	EA		\$ -	\$ 124	24	\$ 2,964	\$ 2,964
GLYCOL MAKE-UP PACKAGE DETAIL											
1	3/4" Dia Ball Valve	4	0%	4	EA	\$ 8.32	\$ 33	\$ 124	2	\$ 217	\$ 251
2	3/4" Dia Check Valve	4	0%	4	EA	\$ 12.48	\$ 50	\$ 124	2	\$ 217	\$ 267
3	SP, Static Pressure Sensor	4	0%	4	EA	\$ 134.46	\$ 538	\$ 124	2	\$ 247	\$ 785
CONDENSATE TREATMENT TANK											
1	CTT-1, Condensate Treatment Tank, "JJM BOILER WORKS, INC" NB-4, 4 Tank Capacity Gallons.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
2	CTT-2, Condensate Treatment Tank, "JJM BOILER WORKS, INC" NB-4, 4 Tank Capacity Gallons.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
CHEMICAL POD FEEDER											
1	CPF-1, Chemical Pod Feeder, VECTOR INDUSTRIES, INC. FA-1000AL-TC, 5 Tank Capacity Gallons, 200 PSI.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
2	CPF-2, Chemical Pod Feeder, VECTOR INDUSTRIES, INC. FA-1000AL-TC, 5 Tank Capacity Gallons, 200 PSI.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
3	CPF-3, Chemical Pod Feeder, VECTOR INDUSTRIES, INC. FA-1000AL-TC, 5 Tank Capacity Gallons, 200 PSI.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
CHEMICAL POD FEEDER DETAIL											
1	3/4" Dia Ball Valve	6	0%	6	EA	\$ 8.32	\$ 50	\$ 124	3	\$ 326	\$ 376
2	3/4" Dia Check Valve	3	0%	3	EA	\$ 12.48	\$ 37	\$ 124	1	\$ 163	\$ 200
3	3/4" Dia Drain Valve	3	0%	3	EA	\$ 8.22	\$ 25	\$ 124	1	\$ 163	\$ 188
4	3/4" Dia Drain Connection	3	0%	3	EA	\$ 9.99	\$ 30	\$ 124	1	\$ 163	\$ 193
5	3/4" Dia Union	3	0%	3	EA	\$ 9.30	\$ 28	\$ 124	2	\$ 233	\$ 261

BUFFER TANK										
1	BT-1, Buffer Tank, "ELBI" CWT-500, 125 Max Pressure, 500 Tank Volume Gallons. 1. ASME Complied Tank Construction. 2. Thermal Insulation.	1	0%	1	EA	\$ -	\$ 124	12	\$ 1,482	\$ 1,482
EXPANSION LOOPS										
1	EL-0-1A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
2	EL-1-1A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
3	EL-1-2A, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
4	EL-1-3A, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
5	EL-1-3A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
6	EL-1-4A, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
7	EL-1-5A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
8	EL-1-6A, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
9	EL-1-7A, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
10	EL-1-8A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
11	EL-1-9A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
12	EL-1-9A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
13	EL-1-10A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
14	EL-1-11A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
15	EL-1-12A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
16	EL-1-13A, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
17	EL-1-14A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
18	EF-0-1B, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
19	EL-1-2B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
20	EL-1-3B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
21	EL-1-4B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
22	EL-1-5B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
23	EL-1-6B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
24	EL-1-7B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
25	EL-1-9B, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
26	EL-1-10B, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
27	EL-1-11B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
28	EL-1-12B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
29	EL-1-13B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
30	EL-1-14B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
31	EL-1-15B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
32	EL-2-1A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
33	EL-2-2A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
34	EL-2-3A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
35	EL-2-4A, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
36	EL-2-5A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
37	EL-2-6A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
38	EL-2-8A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
39	EL-2-9A, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
40	EL-2-10A, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
41	EL-2-11A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
42	EL-2-12A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
43	EL-2-1B, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
44	EL-2-2B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
45	EL-2-3B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
46	EL-2-4B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
47	EL-2-5B, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
48	EL-2-6B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
49	EL-2-7B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
50	EL-2-8B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
51	EL-2-9B, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
52	EL-2-10B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
53	EL-2-11B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
54	EL-2-12B, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
55	EF-2-N1, Expansion Loop, 2-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	2	\$ 210	\$ 210
56	EF-2-N2, Expansion Loop, 2-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	2	\$ 210	\$ 210
57	EF-2-S1, Expansion Loop, 2-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	2	\$ 210	\$ 210
58	EF-2-S2, Expansion Loop, 2-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	2	\$ 210	\$ 210
59	EL-3-1A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
60	EL-3-1A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
61	EL-3-2A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
62	EL-3-3A, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
63	EL-3-4A, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
64	EL-3-5A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
65	EL-3-6A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
66	EL-3-9A, Expansion Loop, 1" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
67	EL-3-10A, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
68	EF-3-11A, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
69	EL-3-1B, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
70	EL-3-2B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
71	EL-3-3B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178

72	EL-3-4B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
73	EL-3-5B, Expansion Loop, 3/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 93	\$ 93
74	EL-3-6B, Expansion Loop, 1-1/4" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 142	\$ 142
75	EL-3-8B, Expansion Loop, 2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 178	\$ 178
76	EL-3-9B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
77	EL-3-10B, Expansion Loop, 1-1/2" Steel Pipe Dia.	1	0%	1	EA	\$ -	\$ 124	1	\$ 154	\$ 154
EXHAUST FAN										
1	EF-1, Fan, GREENHECK CUE 101HP--VG, 300 Air Flow CFM, 1/2 HP, 115 V, 1 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
2	EF-2, Fan, GREENHECK CUE 101HP--VG, 550 Air Flow CFM, 1/2 HP, 115 V, 1 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
3	EF-3, Fan, GREENHECK CUBE 141, 1400 Air Flow CFM, 1 HP, 460 V, 3 PH, 60HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	3	\$ 371	\$ 371
4	EF-4, Fan, GREENHECK CUBE 141HP-7, 950 Air Flow CFM, 3/4 HP, 460 V, 3 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	3	\$ 371	\$ 371
5	EF-5, Fan, GREENHECK SQ-140HP-VG, 1600 Air Flow CFM, 1 HP, 460 V, 3 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	3	\$ 371	\$ 371
6	EF-6, Fan, GREENHECK SQ-140HP-VG, 1350 Air Flow CFM, 1 HP, 460 V, 3 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	3	\$ 371	\$ 371
7	EF-7, Fan, GREENHECK CUBE-101 HP-5, 500 Air Flow CFM, 1/2 HP, 460 V, 3 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
8	EF-P-1, Fan, GREENHECK CUE-200-B-VGD, 5700 Air Flow CFM, 3 HP, 460 V, 3 PH, 60 HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
9	EF-P-2, Fan, GREENHECK CUBE-180-VGD-7, 3000 Air Flow CFM, 3/4 PH, 460 V, 3 PH, 60HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
10	EF-P-3, GREENHECK CUBE-300-30, 10600 Air Flow CFM, 3 PH, 460 V, 3 PH, 60HZ. 1. Minimum 14 In. Roof Curb With 1-1/2 In. Thermal Insulation & Damper Tray. 2. Motor Operated Damper (MOD) W/ End Switch, 115V, Aluminum Construction, Curb Mounted. 3. VARI-Green EC Motor W/Wiring Package.	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741
COMPUTER ROOM AIR CONDITIONING UNIT										

1	CRAC-1, Computer Room Air Conditioning Unit, "LIEBERT" MMD96E, 3750 Total Air Flow CFM, 36.6 FLA AMPS, 45.0 MOCP AMPS, 460 V, 3 PH, 60 HZ. CRACC-1, Computer Room Remote Condensing Unit, "LIEBERT" PFH096A, 460 V, 3 PH, 60 HZ, 30 MOCP AMPS, 18.1 FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	60	\$ 7,411	\$ 7,411
2	CRAC-2, Computer Room Air Conditioning Unit, "LIEBERT" MMD96E, 3750 Total Air Flow CFM, 36.6 FLA AMPS, 45.0 MOCP AMPS, 460 V, 3 PH, 60 HZ. CRACC-2, Computer Room Remote Condensing Unit, "LIEBERT" PFH096A, 460 V, 3 PH, 60 HZ, 30 MOCP AMPS, 18.1 FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	60	\$ 7,411	\$ 7,411
SPLIT SYSTEM AIR CONDITIONING UNIT											
1	AC-1-1, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A24KA6, 775 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
2	AC-1-2, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A24KA6, 775 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
3	AC-1-3, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A24KA6, 775 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
4	AC-1-4, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A24KA6, 775 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
5	AC-2-1, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A12KA6, 425 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.33 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	3	\$ 371	\$ 371
6	AC-2-2, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A24KA6, 775 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
7	AC-2-3, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A12KA6, 425 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.33 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	3	\$ 371	\$ 371
8	AC-2-4, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A24KA6, 775 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
9	AC-3-1, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A36KA6, 920 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.57 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
10	AC-3-2, Split System Air Conditioning Unit, TRANE / MITSUBISHI PKA-A36KA6, 920 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.57 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
SPLIT SYSTEM CONDENSING UNIT											
1	ACCU-1-1, TRANE/MITSUBISHI PUY-A24NHA6, 208 V, 1 PH, 60 HZ, 18 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
2	ACCU-1-2, TRANE/MITSUBISHI PUY-A24NHA6, 208 V, 1 PH, 60 HZ, 18 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
3	ACCU-1-3, TRANE/MITSUBISHI PUY-A24NHA6, 208 V, 1 PH, 60 HZ, 18 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
4	ACCU-1-4, TRANE/MITSUBISHI PUY-A24NHA6, 208 V, 1 PH, 60 HZ, 18 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
5	ACCU-2-1, TRANE/MITSUBISHI PUY-A12NHA6, 208 V, 1 PH, 60 HZ, 13 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
6	ACCU-2-2, TRANE/MITSUBISHI PUY-A24NHA6, 208 V, 1 PH, 60 HZ, 18 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
7	ACCU-2-3, TRANE/MITSUBISHI PUY-A12NHA6, 208 V, 1 PH, 60 HZ, 13 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
8	ACCU-2-4, TRANE/MITSUBISHI PUY-A24NHA6, 208 V, 1 PH, 60 HZ, 18 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
9	ACCU-3-1, TRANE/MITSUBISHI PUY-A36NHA6, 208 V, 1 PH, 60 HZ, 25 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
10	ACCU-3-2, TRANE/MITSUBISHI PUY-A36NHA6, 208 V, 1 PH, 60 HZ, 25 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
SPLIT SYSTEM HEAT PUMP UNIT											
1	HP-1-1, Split System Heat Pump Unit, TRANE /MITSUBISHI PEFY-P24NMAU-E, 670 Air Flow CFM, 208 V, 1 PH, 60 HZ, 2.25 MCA AMPS, 2.18 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
2	HP-1-2, Split System Heat Pump Unit, TRANE /MITSUBISHI PEFY-P24NMAU-E, 670 Air Flow CFM, 208 V, 1 PH, 60 HZ, 2.25 MCA AMPS, 2.18 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
3	HP-3-1, Split System Heat Pump Unit, TRANE /MITSUBISHI PKA-A12KA7, 425 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.33 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	3	\$ 371	\$ 371
4	HP-3-2, Split System Heat Pump Unit, TRANE /MITSUBISHI PKA-A12KA7, 425 Air Flow CFM, 208 V, 1 PH, 61 HZ, 1 MCA AMPS, 0.33 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	3	\$ 371	\$ 371
5	HP-4-1, Split System Heat Pump Unit, TRANE /MITSUBISHI PKA-A24KA7, 425 Air Flow CFM, 208 V, 1 PH, 60 HZ, 1 MCA AMPS, 0.36 Fan FLA AMPS.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
SPLIT SYSTEM HEAT PUMP CONDENSING UNIT											

1	HPCU-1-1, Heat Pump Condensing Unit, TRANE / MITSUBISHI PUMY-P36NKMU2, 208 V, 1 PH, 60 HZ, 29 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
2	HPCU-1-2, Heat Pump Condensing Unit, TRANE / MITSUBISHI PUMY-P36NKMU2, 208 V, 1 PH, 60 HZ, 29 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
3	HPCU-3-1, Heat Pump Condensing Unit, TRANE / MITSUBISHI PUZ-A12NHA7, 208 V, 1 PH, 60 HZ, 11 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
4	HPCU-3-2, Heat Pump Condensing Unit, TRANE / MITSUBISHI PUZ-A12NHA7, 208 V, 1 PH, 60 HZ, 11 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
5	HPCU-4-1, Heat Pump Condensing Unit, TRANE / MITSUBISHI PUZ-A24NHA7, 208 V, 1 PH, 60 HZ, 19 MCA AMPS.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
VARIABLE AIR VOLUME UNIT											
1	VAV-1-1, Variable Air Volume Unit, "TRANE" VCWF, 470 Air Flow CFM, 115 V, 1 PH, 60 HZ. 1. VAV Unit Manufacturer To Provide Disconnect Switch NEMA 12, 120/24V Transformer, And Control Panel.	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
2	VAV-1-1, Variable Air Volume Unit, "TRANE" VCWF, 470 Air Flow CFM, 115 V, 1 PH, 60 HZ. 1. VAV Unit Manufacturer To Provide Disconnect Switch NEMA 12, 120/24V Transformer, And Control Panel.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
3	VAV-1-3, Variable Air Volume Unit, "TRANE" VCWF, 930 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
4	VAV-1-4, Variable Air Volume Unit, "TRANE" VCWF, 480 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
5	VAV-1-5, Variable Air Volume Unit, "TRANE" VCWF, 640 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
6	VAV-1-6, Variable Air Volume Unit, "TRANE" VCWF, 825 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
7	VAV-1-7, Variable Air Volume Unit, "TRANE" VCWF, 750 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
8	VAV-1-8, Variable Air Volume Unit, "TRANE" VCWF, 320 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
9	VAV-1-9, Variable Air Volume Unit, "TRANE" VCWF, 220 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
10	VAV-1-10, Variable Air Volume Unit, "TRANE" VCWF, 370 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
11	VAV-1-11, Variable Air Volume Unit, "TRANE" VCWF, 370 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
12	VAV-1-12, Variable Air Volume Unit, "TRANE" VCWF, 425 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
13	VAV-1-13, Variable Air Volume Unit, "TRANE" VCWF, 1300 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
14	VAV-1-14, Variable Air Volume Unit, "TRANE" VCWF, 580 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
15	VAV-1-15, Variable Air Volume Unit, "TRANE" VCWF, 535 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
16	VAV-1-16, Variable Air Volume Unit, "TRANE" VCWF, 1050 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
17	VAV-1-17, Variable Air Volume Unit, "TRANE" VCWF, 1000 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
18	VAV-1-18, Variable Air Volume Unit, "TRANE" VCWF, 980 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
19	VAV-1-19, Variable Air Volume Unit, "TRANE" VCWF, 1520 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
20	VAV-1-20, Variable Air Volume Unit, "TRANE" VCWF, 365 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
21	VAV-1-21, Variable Air Volume Unit, "TRANE" VCWF, 1225 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
22	VAV-1-22, Variable Air Volume Unit, "TRANE" VCWF, 670 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
23	VAV-1-23, Variable Air Volume Unit, "TRANE" VCWF, 960 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
24	VAV-1-24, Variable Air Volume Unit, "TRANE" VCWF, 720 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
25	VAV-1-25, Variable Air Volume Unit, "TRANE" VCWF, 630 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
26	VAV-1-26, Variable Air Volume Unit, "TRANE" VCWF, 630 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
27	VAV-1-27, Variable Air Volume Unit, "TRANE" VCWF, 470 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
28	VAV-1-28, Variable Air Volume Unit, "TRANE" VCWF, 625 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
29	VAV-1-29, Variable Air Volume Unit, "TRANE" VCWF, 1250 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
30	VAV-1-30, Variable Air Volume Unit, "TRANE" VCWF, 835 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
31	VAV-1-31, Variable Air Volume Unit, "TRANE" VCWF, 1525 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
32	VAV-1-32, Variable Air Volume Unit, "TRANE" VCWF, 1740 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
33	VAV-1-33, Variable Air Volume Unit, "TRANE" VCWF, 1000 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
34	VAV-1-34, Variable Air Volume Unit, "TRANE" VCWF, 1045 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
35	VAV-1-35, Variable Air Volume Unit, "TRANE" VCWF, 1600 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
36	VAV-1-36, Variable Air Volume Unit, "TRANE" VCWF, 985 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
37	VAV-1-37, Variable Air Volume Unit, "TRANE" VCWF, 195 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
38	VAV-1-38, Variable Air Volume Unit, "TRANE" VCWF, 250 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
39	VAV-2-1, Variable Air Volume Unit, "TRANE" VCWF, 580 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
40	VAV-2-2, Variable Air Volume Unit, "TRANE" VCWF, 1000 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
41	VAV-2-3, Variable Air Volume Unit, "TRANE" VCWF, 1000 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
42	VAV-2-4, Variable Air Volume Unit, "TRANE" VCWF, 1025 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
43	VAV-2-5, Variable Air Volume Unit, "TRANE" VCWF, 1200 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
44	VAV-2-6, Variable Air Volume Unit, "TRANE" VCWF, 1200 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
45	VAV-2-7, Variable Air Volume Unit, "TRANE" VCWF, 1110 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
46	VAV-2-8, Variable Air Volume Unit, "TRANE" VCWF, 870 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
47	VAV-2-9, Variable Air Volume Unit, "TRANE" VCWF, 780 Air Flow CFM, 115 V, 1 P	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
48	VAV-2-10, Variable Air Volume Unit, "TRANE" VCWF, 780 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
49	VAV-2-11, Variable Air Volume Unit, "TRANE" VCWF, 1450 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
50	VAV-2-12, Variable Air Volume Unit, "TRANE" VCWF, 1450 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
51	VAV-2-13, Variable Air Volume Unit, "TRANE" VCWF, 1380 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
52	VAV-2-14, Variable Air Volume Unit, "TRANE" VCWF, 570 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
53	VAV-2-15, Variable Air Volume Unit, "TRANE" VCWF, 620 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
54	VAV-2-16, Variable Air Volume Unit, "TRANE" VCWF, 520 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 358	\$ 358
55	VAV-2-17, Variable Air Volume Unit, "TRANE" VCWF, 340 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
56	VAV-2-18, Variable Air Volume Unit, "TRANE" VCWF, 260 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
57	VAV-2-19, Variable Air Volume Unit, "TRANE" VCWF, 625 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
58	VAV-2-20, Variable Air Volume Unit, "TRANE" VCWF, 620 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	3	\$ 408	\$ 408
59	VAV-2-21, Variable Air Volume Unit, "TRANE" VCWF, 930 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
60	VAV-2-22, Variable Air Volume Unit, "TRANE" VCWF, 1060 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
61	VAV-2-23, Variable Air Volume Unit, "TRANE" VCWF, 1060 Air Flow CFM, 115 V, 1	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556

62	VAV-2-24, Variable Air Volume Unit, "TRANE" VCWF, 1710 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
63	VAV-2-25, Variable Air Volume Unit, "TRANE" VCWF, 1950 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
64	VAV-2-26, Variable Air Volume Unit, "TRANE" VCWF, 1705 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
65	VAV-2-27, Variable Air Volume Unit, "TRANE" VCWF, 1765 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
66	VAV-2-28, Variable Air Volume Unit, "TRANE" VCWF, 2055 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
67	VAV-2-29, Variable Air Volume Unit, "TRANE" VCWF, 1400 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
68	VAV-2-30, Variable Air Volume Unit, "TRANE" VCWF, 1315 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
69	VAV-2-31, Variable Air Volume Unit, "TRANE" VCWF, 300 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
70	VAV-2-32, Variable Air Volume Unit, "TRANE" VCWF, 1460 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
71	VAV-2-33, Variable Air Volume Unit, "TRANE" VCWF, 285 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
72	VAV-2-34, Variable Air Volume Unit, "TRANE" VCWF, 260 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
73	VAV-2-35, Variable Air Volume Unit, "TRANE" VCWF, 320 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
74	VAV-2-36, Variable Air Volume Unit, "TRANE" VCWF, 260 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
75	VAV-2-37, Variable Air Volume Unit, "TRANE" VCWF, 1200 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
76	VAV-2-38, Variable Air Volume Unit, "TRANE" VCWF, 885 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
77	VAV-2-39, Variable Air Volume Unit, "TRANE" VCWF, 885 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
78	VAV-2-40, Variable Air Volume Unit, "TRANE" VCWF, 630 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 408	\$ 408
79	VAV-3-1, Variable Air Volume Unit, "TRANE" VCWF, 1180 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
80	VAV-3-2, Variable Air Volume Unit, "TRANE" VCWF, 1200 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
81	VAV-3-3, Variable Air Volume Unit, "TRANE" VCWF, 1300 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
82	VAV-3-4, Variable Air Volume Unit, "TRANE" VCWF, 1260 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
83	VAV-3-5, Variable Air Volume Unit, "TRANE" VCWF, 760 Air Flow CFM, 115 V, 1 P	1	0%	1	EA	\$ -	\$ 124	3	\$ 408	\$ 408
84	VAV-3-6, Variable Air Volume Unit, "TRANE" VCWF, 1100 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
85	VAV-3-7, Variable Air Volume Unit, "TRANE" VCWF, 1380 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
86	VAV-3-8, Variable Air Volume Unit, "TRANE" VCWF, 305 Air Flow CFM, 115 V, 1 P	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
87	VAV-3-9, Variable Air Volume Unit, "TRANE" VCWF, 460 Air Flow CFM, 115 V, 1 P	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
88	VAV-3-10, Variable Air Volume Unit, "TRANE" VCWF, 925 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
89	VAV-3-11, Variable Air Volume Unit, "TRANE" VCWF, 420 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
90	VAV-3-12, Variable Air Volume Unit, "TRANE" VCWF, 1415 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
91	VAV-3-13, Variable Air Volume Unit, "TRANE" VCWF, 1160 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
92	VAV-3-14, Variable Air Volume Unit, "TRANE" VCWF, 795 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 408	\$ 408
93	VAV-3-15, Variable Air Volume Unit, "TRANE" VCWF, 795 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 408	\$ 408
94	VAV-3-16, Variable Air Volume Unit, "TRANE" VCWF, 1590 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
95	VAV-3-17, Variable Air Volume Unit, "TRANE" VCWF, 1530 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
96	VAV-3-18, Variable Air Volume Unit, "TRANE" VCWF, 765 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 408	\$ 408
97	VAV-3-19, Variable Air Volume Unit, "TRANE" VCWF, 540 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
98	VAV-3-20, Variable Air Volume Unit, "TRANE" VCWF, 595 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
99	VAV-3-21, Variable Air Volume Unit, "TRANE" VCWF, 490 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
100	VAV-3-22, Variable Air Volume Unit, "TRANE" VCWF, 940 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
101	VAV-3-23, Variable Air Volume Unit, "TRANE" VCWF, 1040 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
102	VAV-3-24, Variable Air Volume Unit, "TRANE" VCWF, 1040 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
103	VAV-3-25, Variable Air Volume Unit, "TRANE" VCWF, 1450 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
104	VAV-3-26, Variable Air Volume Unit, "TRANE" VCWF, 1450 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
105	VAV-3-27, Variable Air Volume Unit, "TRANE" VCWF, 515 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
106	VAV-3-28, Variable Air Volume Unit, "TRANE" VCWF, 1740 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
107	VAV-3-29, Variable Air Volume Unit, "TRANE" VCWF, 1555 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
108	VAV-3-30, Variable Air Volume Unit, "TRANE" VCWF, 1895 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
109	VAV-3-31, Variable Air Volume Unit, "TRANE" VCWF, 1000 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
110	VAV-3-32, Variable Air Volume Unit, "TRANE" VCWF, 840 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
111	VAV-3-33, Variable Air Volume Unit, "TRANE" VCWF, 990 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
112	VAV-3-34, Variable Air Volume Unit, "TRANE" VCWF, 1265 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
113	VAV-3-35, Variable Air Volume Unit, "TRANE" VCWF, 605 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 408	\$ 408
114	VAV-3-36, Variable Air Volume Unit, "TRANE" VCWF, 445 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
115	VAV-3-37, Variable Air Volume Unit, "TRANE" VCWF, 330 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
116	VAV-3-38, Variable Air Volume Unit, "TRANE" VCWF, 490 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	3	\$ 358	\$ 358
117	VAV-3-39, Variable Air Volume Unit, "TRANE" VCWF, 350 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
118	VAV-3-40, Variable Air Volume Unit, "TRANE" VCWF, 350 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
119	VAV-3-41, Variable Air Volume Unit, "TRANE" VCWF, 1445 Air Flow CFM, 115 V,	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
120	VAV-3-42, Variable Air Volume Unit, "TRANE" VCWF, 270 Air Flow CFM, 115 V, 1	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247

VARIABLE AIR VOLUME UNIT PIPING DETAIL											
1	3/4" Dia Ball Valve	240	0%	240	EA	\$ 8.32	\$ 1,997	\$ 124	106	\$ 13,044	\$ 15,041
2	3/4" Dia Combination Balancing Valve / Flow Measuring Station	120	0%	120	EA	\$ 148.98	\$ 17,878	\$ 124	66	\$ 8,152	\$ 26,030
3	3/4" Dia Drain Valve	120	0%	120	EA	\$ 8.12	\$ 974	\$ 124	53	\$ 6,522	\$ 7,496
4	3/4" Dia Manual Air Vent	240	0%	240	EA	\$ 6.44	\$ 1,546	\$ 124	106	\$ 13,044	\$ 14,589
5	3/4" Dia Union	240	0%	240	EA	\$ 3.53	\$ 847	\$ 124	174	\$ 21,463	\$ 22,310

BLOWER COIL AIR HANDLER										
1	BC-1-1, TRANE BCHD012, 500 CFM, 115 V, 1 PH, 60 HZ, 9.3 MAX AMP, 15 MAX FUSE AMP. 1. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display). 2. Spring Vibration Isolation. 3. MERV 13 Filter.	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741

2	BC-1-2, TRANE BCHD012, 500 CFM, 115 V, 1 PH, 60 HZ, 9.3 MAX AMP, 15 MAX FUSE AMP. 1. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display). 2. Spring Vibration Isolation. 3. MERV 13 Filter.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
3	BC-1-3, TRANE BCHD012, 500 CFM, 115 V, 1 PH, 60 HZ, 9.3 MAX AMP, 15 MAX FUSE AMP. 1. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display). 2. Spring Vibration Isolation. 3. MERV 13 Filter.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
4	BC-1-4, TRANE BCHD012, 500 CFM, 115 V, 1 PH, 60 HZ, 9.3 MAX AMP, 15 MAX FUSE AMP. 1. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display). 2. Spring Vibration Isolation. 3. MERV 13 Filter.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
5	BC-2-1, TRANE BCHD012, 500 CFM, 115 V, 1 PH, 60 HZ, 9.3 MAX AMP, 15 MAX FUSE AMP. 1. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display). 2. Spring Vibration Isolation. 3. MERV 13 Filter.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
6	BC-3-1, TRANE BCHD012, 500 CFM, 115 V, 1 PH, 60 HZ, 9.3 MAX AMP, 15 MAX FUSE AMP. 1. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display). 2. Spring Vibration Isolation. 3. MERV 13 Filter.	1	0%	1	EA		\$ -	\$ 124	6	\$ 741	\$ 741
BLOWER COIL AIR HANDLER PIPING DETAIL											
1	3/4" Dia Ball Valve	12	0%	12	EA	\$ 8.32	\$ 100	\$ 124	5	\$ 652	\$ 752
2	3/4" Dia Combination Balancing Valve / Flow Measuring Station	6	0%	6	EA	\$ 148.98	\$ 894	\$ 124	3	\$ 408	\$ 1,301
3	3/4" Dia Drain Valve	6	0%	6	EA	\$ 8.12	\$ 49	\$ 124	3	\$ 326	\$ 375
4	3/4" Dia Manual Air Vent	12	0%	12	EA	\$ 6.44	\$ 77	\$ 124	5	\$ 652	\$ 729
5	3/4" Dia Union	12	0%	12	EA	\$ 3.53	\$ 42	\$ 124	9	\$ 1,073	\$ 1,116
FAN COIL UNIT											
1	FC-0-1, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HP, 2,75 MCA, 115 V, 1 PH, 60 HZ. 1. Spring Vibration Isolation. 2. MERV 13 Filter. 3. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display).	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494

2	FC-0-2, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
3	FC-0-3, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
4	FC-1-1, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
5	FC-1-2, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
6	FC-1-3, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
7	FC-1-4, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
8	FC-1-5, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
9	FC-2-1, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
10	FC-2-2, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
11	FC-3-1, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
12	FC-3-2, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
13	FC-3-3, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
14	FC-4-1, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
15	FC-4-2, Fan Coil Unit Heater, "TRANE" FFDB020, 290 Air Flow CFM, .13 Motor HF	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
FAN COIL UNIT PIPING DETAIL											
1	3/4" Dia Ball Valve	30	0%	30	EA	\$ 8.32	\$ 250	\$ 124	13	\$ 1,630	\$ 1,880
2	3/4" Dia Combination Balancing Valve / Flow Measuring Station	15	0%	15	EA	\$ 148.98	\$ 2,235	\$ 124	8	\$ 1,019	\$ 3,254
3	3/4" Dia Drain Valve	15	0%	15	EA	\$ 8.12	\$ 122	\$ 124	7	\$ 815	\$ 937
4	3/4" Dia Manual Air Vent	30	0%	30	EA	\$ 6.44	\$ 193	\$ 124	13	\$ 1,630	\$ 1,824
5	3/4" Dia Union	30	0%	30	EA	\$ 3.53	\$ 106	\$ 124	22	\$ 2,683	\$ 2,789
CONVECTOR											
1	C-1-1, Convector, "STERLING " FSG-A. 1. Knob Dampers. 2. 4" End Pockets (Field Verify Side Location). 3. Bas Contractor To Provide Distech 2-Way Control Valve	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
2	C-1-2, Convector, "STERLING " RFG-A.1. Knob Dampers.2. 4" End Pockets (Field V	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
3	C-2-1, Convector, "STERLING " FSG-A.1. Knob Dampers.2. 4" End Pockets (Field V	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
4	C-3-1, Convector, "STERLING " FSG-A.1. Knob Dampers.2. 4" End Pockets (Field V	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
BASEBOARD											
1	BB-1-1, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
2	BB-1-2, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
3	BB-1-3, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
4	BB-1-4, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
5	BB-1-5, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
6	BB-1-6, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
7	BB-1-7, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
8	BB-1-8, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
9	BB-1-9, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
10	BB-1-10, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
11	BB-1-11, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
12	BB-1-12, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
13	BB-1-13, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
14	BB-1-14, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
15	BB-1-15, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
16	BB-1-16, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
17	BB-1-17, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
18	BB-1-18, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
19	BB-1-19, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
20	BB-1-20, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
21	BB-1-21, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
22	BB-1-22, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
23	BB-1-23, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
24	BB-1-24, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
25	BB-1-25, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
26	BB-1-26, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
27	BB-1-27, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
28	BB-1-28, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
29	BB-1-29, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
30	BB-1-30, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
31	BB-1-31, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
32	BB-1-32, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
33	BB-1-33, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
34	BB-1-34, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
35	BB-1-35, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
36	BB-1-36, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
37	BB-1-37, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
38	BB-1-38, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
39	BB-1-39, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
40	BB-1-40, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
41	BB-1-41, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
42	BB-1-42, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
43	BB-1-43, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
44	BB-1-44, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
45	BB-1-45, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
46	BB-1-46, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
47	BB-1-47, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494

206	BB-3-71, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
207	BB-3-72, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
208	BB-3-73, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
209	BB-3-74, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
210	BB-3-75, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
211	BB-3-76, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
212	BB-3-77, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
213	BB-3-78, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
214	BB-4-1, Baseboard, "SLANT FIN" RL-10.	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
CONTROL VALVE											
1	6"Dia CV-1, Chilled Water, "BRAY, BELIMO, OR APPROVED EQUAL" MKL2-C060/70-0121SVH, Valve Type: Bray High Performance Butterfly Valve, 2-Way, 120 VAC POWER V / PH / HZ.	1	0%	1	EA		\$ -	\$ 124	2	\$ 272	\$ 272
2	4"Dia CV-2, Chilled Water, "BRAY, BELIMO, OR APPROVED EQUAL" Belimo CCV Valve, 2-Way, Electronic Fail-Safe, Belimo CCV Valve, 24 VAC POWER V / PH / HZ.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
3	4"Dia CV-3, Chilled Water, "BRAY, BELIMO, OR APPROVED EQUAL" Belimo CCV Valve, 2-Way, Electronic Fail-Safe, Belimo CCV Valve, 24 VAC POWER V / PH / HZ.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
4	4"Dia CV-4, Chilled Water, "BRAY, BELIMO, OR APPROVED EQUAL" Belimo CCV Valve, 2-Way, Electronic Fail-Safe, Belimo CCV Valve, 24 VAC POWER V / PH / HZ.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
5	4"Dia CV-5, Chilled Water, "BRAY, BELIMO, OR APPROVED EQUAL" PROVIDED BY AERCO BOILER MANUFACTURER, 24 VAC POWER V / PH / HZ.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
6	4"Dia CV-6, Chilled Water, "BRAY, BELIMO, OR APPROVED EQUAL" PROVIDED BY AERCO BOILER MANUFACTURER, 24 VAC POWER V / PH / HZ.	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
HOT WATER UNIT HEATER											
1	UH-1-1, Hot Water Unit Heater, "TRANE" S-A18, 16 Motor W, 1 MCA, 1.8 MOP, 115 V, 1 PH, 60 HZ. 1. Osha Fan Guard. 2. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display).	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
2	UH-1-2, Hot Water Unit Heater, "TRANE" S-A18, 16 Motor W, 1 MCA, 1.8 MOP, 115 V, 1 PH, 60 HZ. 1. Osha Fan Guard. 2. Bas Contractor To Provide Distech Controls Controller (BACNET/IP), 2-Way Valve, And Space Temperature Sensor (No Display).	1	0%	1	EA		\$ -	\$ 124	2	\$ 247	\$ 247
HOT WATER UNIT PIPING DETAIL											
1	3/4" Dia Ball Valve	4	0%	4	EA	\$ 8.32	\$ 33	\$ 124	2	\$ 217	\$ 251
2	3/4" Dia Combination Balancing Valve / Flow Measuring Station	2	0%	2	EA	\$ 148.98	\$ 298	\$ 124	1	\$ 136	\$ 434
3	3/4" Dia Drain Valve	2	0%	2	EA	\$ 8.12	\$ 16	\$ 124	1	\$ 109	\$ 125
4	3/4" Dia Manual Air Vent	4	0%	4	EA	\$ 6.44	\$ 26	\$ 124	2	\$ 217	\$ 243
5	3/4" Dia Union	4	0%	4	EA	\$ 3.53	\$ 14	\$ 124	3	\$ 358	\$ 372
LOUVERS											
1	PL-1, Penthouse Louver, "GREENHECK" WRH. 1. Aluminum Housing & Bird Screen. 2. Aluminum Curb Cap W/ Mounting Holes. 3. 18" Aluminum Insulated Roof Curb W/Curb With Seal.	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
2	36"x16" Exhaust Louver, 1620 CFM	1	0%	1	EA		\$ -	\$ 124	2	\$ 284	\$ 284
3	48"x26" Intake Louver, 1620 CFM	1	0%	1	EA		\$ -	\$ 124	3	\$ 346	\$ 346
4	48"x36" Intake Louver, 3000 CFM	1	0%	1	EA		\$ -	\$ 124	4	\$ 494	\$ 494
5	68"x68" Intake Louver, 10600 CFM	1	0%	1	EA		\$ -	\$ 124	5	\$ 618	\$ 618
6	36"x26" Louver	1	0%	1	EA		\$ -	\$ 124	2	\$ 284	\$ 284
FIRE SMOKE DAMPER											
1	64"x18" FSD-1-1, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
2	64"x18" FSD-1-2, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	5	\$ 556	\$ 556
3	10"x6" FSD-1-3, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
4	6"x6" FSD-1-4, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
5	46"x24" FSD-1-5, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
6	46"x26" FSD-1-6, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
7	12"x10" FSD-1-7, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 136	\$ 136
8	6"x6" FSD-1-8, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
9	6"x8" FSD-1-9, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
10	46"x26" FSD-2-1, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
11	46"x26" FSD-2-2, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
12	8"x8" FSD-2-3, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
13	52"x26" FSD-2-4, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
14	52"x26" FSD-2-5, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
15	12"x10" FSD-2-6, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
16	10"x10" FSD-2-7, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
17	8"x6" FSD-2-8, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	1	\$ 124	\$ 124
18	46"x26" FSD-3-1, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
19	46"x26" FSD-3-2, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
20	46"x26" FSD-3-3, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432
21	46"x26" FSD-3-4, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA		\$ -	\$ 124	4	\$ 432	\$ 432

22	10"x6" FSD-3-5, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
23	10"x8" FSD-3-6, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
24	46"x24" FSD-3-7, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
25	46"x26" FSD-3-8, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
26	52"x26" FSD-3-9, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
27	52"x26" FSD-3-10, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
28	10"x8" FSD-3-11, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
29	22"x10" FSD-3-12, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	1	\$ 173	\$ 173
30	14"x10" FSD-3-13, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	1	\$ 136	\$ 136
31	8"x10" FSD-3-14, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
32	28"x28" FSD-3-15, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
33	36"x26" FSD-4-1, Fire Smoke Damper, "RUSKIN" FSD60, 120 V, 1 PH, 60 HZ.	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
FIRE DAMPERS										
1	6" Dia Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
2	6"x6" Fire Damper	3	0%	3	EA	\$ -	\$ 124	3	\$ 371	\$ 371
3	8"x6" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
4	10"x8" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
5	10"x10" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
6	12"x12" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 136	\$ 136
7	16"x10" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 136	\$ 136
8	18"x10" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 161	\$ 161
9	18"x14" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 161	\$ 161
10	20"x10" Fire Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 173	\$ 173
11	30"x22" Fire Damper	1	0%	1	EA	\$ -	\$ 124	2	\$ 247	\$ 247
12	46"x20" Fire Damper	2	0%	2	EA	\$ -	\$ 124	5	\$ 642	\$ 642
13	48"x20" Fire Damper	1	0%	1	EA	\$ -	\$ 124	3	\$ 371	\$ 371
VOLUME DAMPERS										
1	4" Dia Volume Damper	3	0%	3	EA	\$ -	\$ 124	3	\$ 371	\$ 371
2	6" Dia Volume Damper	58	0%	58	EA	\$ -	\$ 124	58	\$ 7,164	\$ 7,164
3	6"x6" Volume Damper	26	0%	26	EA	\$ -	\$ 124	26	\$ 3,212	\$ 3,212
4	6"x8" Volume Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 124	\$ 124
5	8" Dia Volume Damper	118	0%	118	EA	\$ -	\$ 124	118	\$ 14,575	\$ 14,575
6	8"x10" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 247	\$ 247
7	8"x6" Volume Damper	15	0%	15	EA	\$ -	\$ 124	15	\$ 1,853	\$ 1,853
8	8"x8" Volume Damper	5	0%	5	EA	\$ -	\$ 124	5	\$ 618	\$ 618
9	10"x6" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 247	\$ 247
10	10"x8" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 247	\$ 247
11	10" Dia Volume Damper	282	0%	282	EA	\$ -	\$ 124	282	\$ 34,833	\$ 34,833
12	10"x12" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 247	\$ 247
13	12" Dia Volume Damper	24	0%	24	EA	\$ -	\$ 124	26	\$ 3,261	\$ 3,261
14	12"x6" Volume Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 136	\$ 136
15	12"x8" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 272	\$ 272
16	12"x10" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 272	\$ 272
17	12"x12" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 272	\$ 272
18	14"x6" Volume Damper	2	0%	2	EA	\$ -	\$ 124	2	\$ 272	\$ 272
19	14"x8" Volume Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 136	\$ 136
20	20"x16" Volume Damper	1	0%	1	EA	\$ -	\$ 124	1	\$ 173	\$ 173
21	38"x10" Volume Damper	1	0%	1	EA	\$ -	\$ 124	3	\$ 321	\$ 321
22	42"x22" Volume Damper	1	0%	1	EA	\$ -	\$ 124	3	\$ 321	\$ 321
23	46"x26" Volume Damper	1	0%	1	EA	\$ -	\$ 124	3	\$ 321	\$ 321
24	48"x22" Volume Damper	1	0%	1	EA	\$ -	\$ 124	3	\$ 371	\$ 371
25	52"x26" Volume Damper	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
26	54"x22" Volume Damper	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
27	54"x24" Volume Damper	1	0%	1	EA	\$ -	\$ 124	4	\$ 432	\$ 432
28	60"x24" Volume Damper	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
29	64"x20" Volume Damper	1	0%	1	EA	\$ -	\$ 124	4	\$ 494	\$ 494
30	66"x24" Volume Damper	2	0%	2	EA	\$ -	\$ 124	8	\$ 988	\$ 988
31	72"x16" Volume Damper	2	0%	2	EA	\$ -	\$ 124	9	\$ 1,112	\$ 1,112
32	80"x24" Volume Damper	1	0%	1	EA	\$ -	\$ 124	5	\$ 618	\$ 618
33	90"x24" Volume Damper	1	0%	1	EA	\$ -	\$ 124	6	\$ 741	\$ 741
MOTORIZED DAMPERS										
1	14"x10" Motorized Damper	1	0%	1	EA	\$ -	\$ 124	2	\$ 259	\$ 259
2	18"x16" Motorized Damper	2	0%	2	EA	\$ -	\$ 124	5	\$ 568	\$ 568
3	20"x16" Motorized Damper	1	0%	1	EA	\$ -	\$ 124	2	\$ 296	\$ 296
4	20"x20" Motorized Damper	1	0%	1	EA	\$ -	\$ 124	2	\$ 296	\$ 296
5	48"x26" Motorized Damper	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
6	48"x36" Motorized Damper	1	0%	1	EA	\$ -	\$ 124	5	\$ 556	\$ 556
7	68"x68" Motorized Damper	1	0%	1	EA	\$ -	\$ 124	6	\$ 679	\$ 679
SMOKE DETECTOR										
1	SD-1-1, Smoke Detector	1	0%	1	EA	\$ -	\$ 124	1	\$ 62	\$ 62
2	SD-1-2, Smoke Detector	1	0%	1	EA	\$ -	\$ 124	1	\$ 62	\$ 62
3	SD-3-1, Smoke Detector	1	0%	1	EA	\$ -	\$ 124	1	\$ 62	\$ 62
4	SD-3-2, Smoke Detector	1	0%	1	EA	\$ -	\$ 124	1	\$ 62	\$ 62
5	SD-3-3, Smoke Detector	1	0%	1	EA	\$ -	\$ 124	1	\$ 62	\$ 62

6	SD-3-4, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
7	SD-3-5, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
8	SD-3-6, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
9	SD-3-7, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
10	SD-3-8, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
11	SD-3-9, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
12	SD-3-10, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
13	SD-3-11, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
14	SD-3-12, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
15	SD-4-1, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
16	SD-4-2, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
17	SD-4-3, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
18	SD-4-4, Smoke Detector	1	0%	1	EA		\$ -	\$ 124	1	\$ 62	\$ 62
SENSORS											
1	SP, Static Pressure Sensor	8	0%	8	EA		\$ -	\$ 124	4	\$ 494	\$ 494
2	DP, Differential Pressure Sensor	7	0%	7	EA		\$ -	\$ 124	4	\$ 432	\$ 432
3	SD, Wall Mounted Smoke Detector	2	0%	2	EA		\$ -	\$ 124	1	\$ 124	\$ 124
4	TS, Wall Mounted Thermostat / Temperature Sensor	177	0%	177	EA		\$ -	\$ 124	89	\$ 10,932	\$ 10,932
5	RS, Wall Mounted Refrigerant Leak Detector	4	0%	4	EA		\$ -	\$ 124	2	\$ 247	\$ 247
6	SW, Wall Mounted Emergency Shut off Switch	9	0%	9	EA		\$ -	\$ 124	7	\$ 834	\$ 834
7	CG, Ceiling Mounted Combustible Gas Sensor	2	0%	2	EA		\$ -	\$ 124	2	\$ 247	\$ 247
THERMOMETER											
1	Thermometer	16	0%	16	EA		\$ -	\$ 124	8	\$ 988	\$ 988
2-WAY CONTROL VALVE											
1	3/4" Dia Two Way Control Valve	248	0%	248	EA		\$ -	\$ 124	136	\$ 16,848	\$ 16,848
VALVES											
1	8" Dia Isolation Valve	2	0%	2	EA		\$ -	\$ 124	6	\$ 741	\$ 741
2	10" Dia Isolation Valve	2	0%	2	EA		\$ -	\$ 124	7	\$ 865	\$ 865
3	1" Dia Gate Valve	4	0%	4	EA		\$ -	\$ 124	2	\$ 296	\$ 296
4	1-1/2" Dia Gate Valve	14	0%	14	EA		\$ -	\$ 124	12	\$ 1,522	\$ 1,522
5	2" Dia Gate Valve	4	0%	4	EA		\$ -	\$ 124	3	\$ 395	\$ 395
6	2-1/2" Dia Gate Valve	10	0%	10	EA		\$ -	\$ 124	10	\$ 1,235	\$ 1,235
7	3" Dia Gate Valve	2	0%	2	EA		\$ -	\$ 124	2	\$ 296	\$ 296
8	6" Dia Gate Valve	10	0%	10	EA		\$ -	\$ 124	25	\$ 3,088	\$ 3,088
9	8" Dia Gate Valve	19	0%	19	EA		\$ -	\$ 124	57	\$ 7,041	\$ 7,041
10	10" Dia Gate Valve	10	0%	10	EA		\$ -	\$ 124	35	\$ 4,323	\$ 4,323
11	2-1/2" Dia Shutoff Valve	2	0%	2	EA		\$ -	\$ 124	2	\$ 247	\$ 247
12	3" Dia Shutoff Valve	2	0%	2	EA		\$ -	\$ 124	2	\$ 296	\$ 296
13	4" Dia Shutoff Valve	14	0%	14	EA		\$ -	\$ 124	28	\$ 3,459	\$ 3,459
14	6" Dia Shutoff Valve	4	0%	4	EA		\$ -	\$ 124	10	\$ 1,235	\$ 1,235
15	8" Dia Shutoff Valve	1	0%	1	EA		\$ -	\$ 124	3	\$ 371	\$ 371
16	6" Dia Check Valve	4	0%	4	EA		\$ -	\$ 124	10	\$ 1,235	\$ 1,235
17	8" Dia Check Valve	4	0%	4	EA		\$ -	\$ 124	12	\$ 1,482	\$ 1,482
18	10" Dia Check Valve	2	0%	2	EA		\$ -	\$ 124	7	\$ 865	\$ 865
19	2-1/2 Dia Balancing Valve	4	0%	4	EA		\$ -	\$ 124	6	\$ 761	\$ 761
20	3" Dia Balancing Valve	2	0%	2	EA		\$ -	\$ 124	3	\$ 380	\$ 380
21	6" Dia Balancing Valve	2	0%	2	EA		\$ -	\$ 124	6	\$ 679	\$ 679
22	8" Dia Balancing Valve	6	0%	6	EA		\$ -	\$ 124	20	\$ 2,446	\$ 2,446
23	10" Dia Balancing Valve	4	0%	4	EA		\$ -	\$ 124	15	\$ 1,902	\$ 1,902
24	8" Dia Strainer With Drain Valve	4	0%	4	EA		\$ -	\$ 124	12	\$ 1,482	\$ 1,482
25	10" Dia Strainer With Drain Valve	2	0%	2	EA		\$ -	\$ 124	7	\$ 865	\$ 865
26	3/4" Dia Drain Valve With Cap	1	0%	1	EA		\$ -	\$ 124	0.4	\$ 54	\$ 54
27	1-1/2" Dia Drain Valve With Hose End Cap	2	0%	2	EA		\$ -	\$ 124	1	\$ 173	\$ 173
28	1" Dia Drain Valve With Cap	4	0%	4	EA		\$ -	\$ 124	2	\$ 296	\$ 296
29	1" Dia Manual Blowdown Valve W/Cap	3	0%	3	EA		\$ -	\$ 124	2	\$ 222	\$ 222
FLEXIBLE CONNECTOR											
1	46"x24" Flexible Connector	1	0%	1	EA	\$ 54.64	\$ 55	\$ 124	1	\$ 124	\$ 178
2	46"x26" Flexible Connector	4	0%	4	EA	\$ 54.64	\$ 219	\$ 124	4	\$ 494	\$ 713
3	48"x26" Flexible Connector	1	0%	1	EA	\$ 58.98	\$ 59	\$ 124	1	\$ 124	\$ 183
4	52"x23" Flexible Connector	1	0%	1	EA	\$ 74.64	\$ 75	\$ 124	1	\$ 148	\$ 223
5	52"x26" Flexible Connector	1	0%	1	EA	\$ 75.78	\$ 76	\$ 124	1	\$ 148	\$ 224
6	54"x20" Flexible Connector	1	0%	1	EA	\$ 82.34	\$ 82	\$ 124	1	\$ 148	\$ 231
7	54"x24" Flexible Connector	1	0%	1	EA	\$ 85.62	\$ 86	\$ 124	1	\$ 124	\$ 209
FLEXIBLE CONNECTION											
1	16"x16" Flexible Connection	1	0%	1	EA	\$ 21.32	\$ 21	\$ 124	1	\$ 62	\$ 83
2	18"x10" Flexible Connection	1	0%	1	EA	\$ 26.65	\$ 27	\$ 124	1	\$ 74	\$ 101
3	18"x12" Flexible Connection	2	0%	2	EA	\$ 26.78	\$ 54	\$ 124	1	\$ 148	\$ 202
4	42"x7" Flexible Connection	2	0%	2	EA	\$ 56.67	\$ 113	\$ 124	2	\$ 247	\$ 360
5	44"x10" Flexible Connection	1	0%	1	EA	\$ 58.82	\$ 59	\$ 124	1	\$ 124	\$ 182
BIRDS SCREEN											
1	1/2"x1/2" Bird Screen	6	0%	6	EA	\$ 49.98	\$ 300	\$ 124	3	\$ 371	\$ 670

WALL OPENING TERMINATE											
1	Wall Opening Terminate, 30"x30" Neck Size, 18"x18" W/ WMS, 3000 CFM	1	0%	1	EA	\$ 84.78	\$ 85	\$ 124	1	\$ 93	\$ 177
2	Wall Opening Terminate, 40"x40" Neck Size, 30"x30" W/ WMS, 10600 CFM	1	0%	1	EA	\$ 134.48	\$ 134	\$ 124	1	\$ 124	\$ 258
HOT WATER SUPPLY PIPE											
Schedule 40, Grade B steel pipe; Class 125, cast-iron fittings, and threaded joints											
1	3/4" Dia Hot Water Supply Pipe	4883	10%	5371	LFT	\$ 2.62	\$ 14,050	\$ 124	269	\$ 33,173	\$ 47,223
2	1" Dia Hot Water Supply Pipe	579	10%	637	LFT	\$ 2.96	\$ 1,887	\$ 124	38	\$ 4,720	\$ 6,607
3	1-1/4" Dia Hot Water Supply Pipe	804	10%	884	LFT	\$ 4.02	\$ 3,554	\$ 124	62	\$ 7,647	\$ 11,201
4	1-1/2" Dia Hot Water Supply Pipe	654	10%	719	LFT	\$ 4.81	\$ 3,462	\$ 124	58	\$ 7,109	\$ 10,571
5	2" Dia Hot Water Supply Pipe	1200	10%	1320	LFT	\$ 7.44	\$ 9,817	\$ 124	106	\$ 13,044	\$ 22,861
Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints											
6	2-1/2" Dia Hot Water Supply Pipe	174	10%	191	LFT	\$ 12.67	\$ 2,425	\$ 124	34	\$ 4,256	\$ 6,681
7	3" Dia Hot Water Supply Pipe	36	10%	40	LFT	\$ 16.36	\$ 648	\$ 124	7	\$ 880	\$ 1,528
8	4" Dia Hot Water Supply Pipe	299	10%	329	LFT	\$ 23.84	\$ 7,842	\$ 124	66	\$ 8,125	\$ 15,967
9	6" Dia Hot Water Supply Pipe	323	10%	355	LFT	\$ 35.42	\$ 12,585	\$ 124	107	\$ 13,166	\$ 25,751
10	8" Dia Hot Water Supply Pipe	88	10%	97	LFT	\$ 41.56	\$ 4,045	\$ 124	29	\$ 3,607	\$ 7,652
HOT WATER SUPPLY PIPE INSULATION											
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	3/4" Dia Hot Water Supply Pipe	4883	10%	5371	LFT	\$ 0.36	\$ 1,927	\$ 118	107	\$ 12,642	\$ 14,569
2	1" Dia Hot Water Supply Pipe	579	10%	637	LFT	\$ 0.39	\$ 251	\$ 118	25	\$ 2,998	\$ 3,249
3	1-1/4" Dia Hot Water Supply Pipe	804	10%	884	LFT	\$ 0.42	\$ 373	\$ 118	35	\$ 4,163	\$ 4,536
2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
4	1-1/2" Dia Hot Water Supply Pipe	654	10%	719	LFT	\$ 0.45	\$ 325	\$ 118	29	\$ 3,386	\$ 3,712
5	2" Dia Hot Water Supply Pipe	1200	10%	1320	LFT	\$ 0.64	\$ 840	\$ 118	53	\$ 6,214	\$ 7,053
6	2-1/2" Dia Hot Water Supply Pipe	174	10%	191	LFT	\$ 0.79	\$ 150	\$ 118	10	\$ 1,126	\$ 1,277
7	3" Dia Hot Water Supply Pipe	36	10%	40	LFT	\$ 0.83	\$ 33	\$ 118	2	\$ 233	\$ 266
8	4" Dia Hot Water Supply Pipe	299	10%	329	LFT	\$ 1.04	\$ 340	\$ 118	20	\$ 2,322	\$ 2,663
9	6" Dia Hot Water Supply Pipe	323	10%	355	LFT	\$ 1.39	\$ 495	\$ 118	21	\$ 2,509	\$ 3,003
10	8" Dia Hot Water Supply Pipe	88	10%	97	LFT	\$ 1.57	\$ 153	\$ 118	7	\$ 802	\$ 955
HOT WATER SUPPLY PIPE FITTING											
ELBOW											
1	3/4" Dia Hot Water Supply Pipe 90 Deg Elbow	499	0%	499	EA	\$ 4.14	\$ 2,066	\$ 124	274	\$ 33,900	\$ 35,966
2	1" Dia Hot Water Supply Pipe 90 Deg Elbow	27	0%	27	EA	\$ 4.91	\$ 133	\$ 124	16	\$ 2,001	\$ 2,134
3	1-1/4" Dia Hot Water Supply Pipe 90 Deg Elbow	33	0%	33	EA	\$ 6.96	\$ 230	\$ 124	23	\$ 2,853	\$ 3,083
4	1-1/2" Dia Hot Water Supply Pipe 90 Deg Elbow	39	0%	39	EA	\$ 9.63	\$ 376	\$ 124	29	\$ 3,613	\$ 3,989
5	2" Dia Hot Water Supply Pipe 90 Deg Elbow	63	0%	63	EA	\$ 15.04	\$ 948	\$ 124	50	\$ 6,225	\$ 7,173
6	2-1/2" Dia Hot Water Supply Pipe 90 Deg Elbow	12	0%	12	EA	\$ 36.04	\$ 432	\$ 124	22	\$ 2,668	\$ 3,101
7	3" Dia Hot Water Supply Pipe 90 Deg Elbow	4	0%	4	EA	\$ 59.03	\$ 236	\$ 124	8	\$ 939	\$ 1,175
8	4" Dia Hot Water Supply Pipe 90 Deg Elbow	21	0%	21	EA	\$ 109.43	\$ 2,298	\$ 124	42	\$ 5,188	\$ 7,486
9	6" Dia Hot Water Supply Pipe 90 Deg Elbow	26	0%	26	EA	\$ 325.45	\$ 8,462	\$ 124	78	\$ 9,635	\$ 18,096
10	8" Dia Hot Water Supply Pipe 90 Deg Elbow	6	0%	6	EA	\$ 759.66	\$ 4,558	\$ 124	23	\$ 2,890	\$ 7,448
11	3/4" Dia Hot Water Supply Pipe 45 Deg Elbow	5	0%	5	EA	\$ 6.12	\$ 31	\$ 124	3	\$ 340	\$ 370
12	1-1/2" Dia Hot Water Supply Pipe 45 Deg Elbow	1	0%	1	EA	\$ 15.99	\$ 16	\$ 124	1	\$ 93	\$ 109
13	2" Dia Hot Water Supply Pipe 45 Deg Elbow	5	0%	5	EA	\$ 18.44	\$ 92	\$ 124	4	\$ 494	\$ 586
TEE											
1	3/4" Dia Hot Water Supply Pipe Tee	112	0%	112	EA	\$ 7.22	\$ 809	\$ 124	90	\$ 11,067	\$ 11,876
2	1" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 6.43	\$ 6	\$ 124	1	\$ 111	\$ 118
3	1-1/2" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 15.25	\$ 15	\$ 124	1	\$ 142	\$ 157
4	2" Dia Hot Water Supply Pipe Tee	2	0%	2	EA	\$ 21.23	\$ 42	\$ 124	2	\$ 296	\$ 339
5	4" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 165.11	\$ 165	\$ 124	3	\$ 371	\$ 536
6	1" / 3/4" Dia Hot Water Supply Pipe Tee	28	0%	28	EA	\$ 8.70	\$ 244	\$ 124	27	\$ 3,355	\$ 3,598
7	1-1/4" / 3/4" Dia Hot Water Supply Pipe Tee	45	0%	45	EA	\$ 12.58	\$ 566	\$ 124	46	\$ 5,670	\$ 6,236
8	1-1/2" / 3/4" Dia Hot Water Supply Pipe Tee	34	0%	34	EA	\$ 16.33	\$ 555	\$ 124	36	\$ 4,452	\$ 5,007
9	2" / 3/4" Dia Hot Water Supply Pipe Tee	39	0%	39	EA	\$ 21.43	\$ 836	\$ 124	43	\$ 5,299	\$ 6,135
10	2" / 1" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 21.43	\$ 21	\$ 124	1	\$ 143	\$ 165
11	2-1/2" / 3/4" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 61.33	\$ 61	\$ 124	2	\$ 267	\$ 328
12	2-1/2" / 2" Dia Hot Water Supply Pipe Tee	4	0%	4	EA	\$ 62.55	\$ 250	\$ 124	9	\$ 1,087	\$ 1,337
13	3" / 3/4" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 88.57	\$ 89	\$ 124	2	\$ 279	\$ 368
14	3" / 1-1/2" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 108.99	\$ 109	\$ 124	2	\$ 284	\$ 393
15	4" / 1-1/2" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 217.61	\$ 218	\$ 124	2	\$ 296	\$ 514
16	4" / 2-1/2" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 200.53	\$ 201	\$ 124	3	\$ 364	\$ 565
17	6" / 3/4" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 415.55	\$ 416	\$ 124	4	\$ 488	\$ 903
18	6" / 1" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 570.68	\$ 571	\$ 124	4	\$ 494	\$ 1,065
19	6" / 1-1/2" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 588.42	\$ 588	\$ 124	4	\$ 494	\$ 1,083
20	6" / 2" Dia Hot Water Supply Pipe Tee	3	0%	3	EA	\$ 605.47	\$ 1,816	\$ 124	12	\$ 1,482	\$ 3,299
21	6" / 2-1/2" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 630.97	\$ 631	\$ 124	4	\$ 494	\$ 1,125
22	6" / 4" Dia Hot Water Supply Pipe Tee	1	0%	1	EA	\$ 680.95	\$ 681	\$ 124	5	\$ 556	\$ 1,237
REDUCER											
1	1" / 3/4" Dia Hot Water Supply Pipe Reducer	10	0%	10	EA	\$ 7.53	\$ 75	\$ 124	20	\$ 2,470	\$ 2,546
2	1-1/4" / 3/4" Dia Hot Water Supply Pipe Reducer	1	0%	1	EA	\$ 14.57	\$ 15	\$ 124	1	\$ 82	\$ 96

3	1-1/4" / 1" Dia Hot Water Supply Pipe Reducer	10	0%	10	EA	\$ 19.52	\$ 195	\$ 124	7	\$ 815	\$ 1,010
4	1-1/2" / 1-1/4" Dia Hot Water Supply Pipe Reducer	12	0%	12	EA	\$ 27.62	\$ 331	\$ 124	9	\$ 1,097	\$ 1,428
5	2" / 1-1/2" Dia Hot Water Supply Pipe Reducer	12	0%	12	EA	\$ 36.12	\$ 433	\$ 124	9	\$ 1,156	\$ 1,590
6	2-1/2" / 2" Dia Hot Water Supply Pipe Reducer	5	0%	5	EA	\$ 51.33	\$ 257	\$ 124	7	\$ 803	\$ 1,060
7	3" / 2" Dia Hot Water Supply Pipe Reducer	1	0%	1	EA	\$ 62.91	\$ 63	\$ 124	1	\$ 167	\$ 230
8	3" / 2-1/2" Dia Hot Water Supply Pipe Reducer	1	0%	1	EA	\$ 73.58	\$ 74	\$ 124	2	\$ 229	\$ 302
9	4" / 2-1/2" Dia Hot Water Supply Pipe Reducer	1	0%	1	EA	\$ 174.80	\$ 175	\$ 124	2	\$ 235	\$ 409
10	4" / 3" Dia Hot Water Supply Pipe Reducer	1	0%	1	EA	\$ 174.80	\$ 175	\$ 124	2	\$ 241	\$ 416
11	6" / 4" Dia Hot Water Supply Pipe Reducer	1	0%	1	EA	\$ 316.84	\$ 317	\$ 124	3	\$ 309	\$ 626
HOT WATER RETURN PIPE											
Schedule 40, Grade B steel pipe; Class 125, cast-iron fittings, and threaded joints											
1	3/4" Dia Hot Water Return Pipe	4468	10%	4915	LFT	\$ 2.62	\$ 12,856	\$ 124	246	\$ 30,354	\$ 43,210
2	1" Dia Hot Water Return Pipe	387	10%	426	LFT	\$ 2.96	\$ 1,261	\$ 124	26	\$ 3,155	\$ 4,416
3	1-1/4" Dia Hot Water Return Pipe	830	10%	913	LFT	\$ 4.02	\$ 3,669	\$ 124	64	\$ 7,894	\$ 11,563
4	1-1/2" Dia Hot Water Return Pipe	890	10%	979	LFT	\$ 4.81	\$ 4,712	\$ 124	78	\$ 9,674	\$ 14,386
5	2" Dia Hot Water Return Pipe	939	10%	1033	LFT	\$ 7.44	\$ 7,682	\$ 124	83	\$ 10,207	\$ 17,889
Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints											
6	2-1/2" Dia Hot Water Return Pipe	236	10%	260	LFT	\$ 12.67	\$ 3,290	\$ 124	47	\$ 5,772	\$ 9,062
7	3" Dia Hot Water Return Pipe	254	10%	279	LFT	\$ 16.36	\$ 4,570	\$ 124	50	\$ 6,212	\$ 10,782
8	4" Dia Hot Water Return Pipe	264	10%	290	LFT	\$ 23.84	\$ 6,924	\$ 124	58	\$ 7,174	\$ 14,098
9	6" Dia Hot Water Return Pipe	377	10%	415	LFT	\$ 35.42	\$ 14,689	\$ 124	124	\$ 15,367	\$ 30,056
HOT WATER RETURN PIPE INSULATION											
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	3/4" Dia Hot Water Return Pipe	4468	10%	4915	LFT	\$ 0.36	\$ 1,763	\$ 118	98	\$ 11,567	\$ 13,331
2	1" Dia Hot Water Return Pipe	387	10%	426	LFT	\$ 0.39	\$ 168	\$ 118	17	\$ 2,004	\$ 2,172
3	1-1/4" Dia Hot Water Return Pipe	830	10%	913	LFT	\$ 0.42	\$ 385	\$ 118	37	\$ 4,298	\$ 4,682
2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
4	1-1/2" Dia Hot Water Return Pipe	890	10%	979	LFT	\$ 0.45	\$ 443	\$ 118	39	\$ 4,608	\$ 5,051
5	2" Dia Hot Water Return Pipe	939	10%	1033	LFT	\$ 0.64	\$ 657	\$ 118	41	\$ 4,862	\$ 5,519
6	2-1/2" Dia Hot Water Return Pipe	236	10%	260	LFT	\$ 0.79	\$ 204	\$ 118	13	\$ 1,527	\$ 1,732
7	3" Dia Hot Water Return Pipe	254	10%	279	LFT	\$ 0.83	\$ 233	\$ 118	14	\$ 1,644	\$ 1,877
8	4" Dia Hot Water Return Pipe	264	10%	290	LFT	\$ 1.04	\$ 301	\$ 118	17	\$ 2,050	\$ 2,351
9	6" Dia Hot Water Return Pipe	377	10%	415	LFT	\$ 1.39	\$ 577	\$ 118	25	\$ 2,928	\$ 3,505
HOT WATER PIPE FITTING											
ELBOW											
1	3/4" Dia Hot Water Return Pipe 90 Deg Elbow	495	0%	495	EA	\$ 4.14	\$ 2,049	\$ 124	272	\$ 33,628	\$ 35,678
2	1" Dia Hot Water Return Pipe 90 Deg Elbow	21	0%	21	EA	\$ 4.91	\$ 103	\$ 124	13	\$ 1,556	\$ 1,659
3	1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	33	0%	33	EA	\$ 6.96	\$ 230	\$ 124	23	\$ 2,853	\$ 3,083
4	1-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	41	0%	41	EA	\$ 9.63	\$ 395	\$ 124	31	\$ 3,798	\$ 4,193
5	2" Dia Hot Water Return Pipe 90 Deg Elbow	62	0%	62	EA	\$ 15.04	\$ 932	\$ 124	50	\$ 6,127	\$ 7,059
6	2-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	13	0%	13	EA	\$ 36.04	\$ 469	\$ 124	23	\$ 2,890	\$ 3,359
7	3" Dia Hot Water Return Pipe 90 Deg Elbow	14	0%	14	EA	\$ 59.03	\$ 826	\$ 124	27	\$ 3,286	\$ 4,112
8	4" Dia Hot Water Return Pipe 90 Deg Elbow	20	0%	20	EA	\$ 109.43	\$ 2,189	\$ 124	40	\$ 4,941	\$ 7,129
9	6" Dia Hot Water Return Pipe 90 Deg Elbow	33	0%	33	EA	\$ 325.45	\$ 10,740	\$ 124	99	\$ 12,228	\$ 22,968
10	3/4" Dia Hot Water Return Pipe 45 Deg Elbow	4	0%	4	EA	\$ 6.12	\$ 24	\$ 124	2	\$ 272	\$ 296
11	1-1/2" Dia Hot Water Return Pipe 45 Deg Elbow	1	0%	1	EA	\$ 15.99	\$ 16	\$ 124	1	\$ 93	\$ 109
12	3" Dia Hot Water Return Pipe 45 Deg Elbow	2	0%	2	EA	\$ 75.94	\$ 152	\$ 124	4	\$ 469	\$ 621
TEE											
1	3/4" Dia Hot Water Return Pipe Tee	65	0%	65	EA	\$ 7.22	\$ 469	\$ 124	52	\$ 6,423	\$ 6,892
2	1" Dia Hot Water Return Pipe Tee	2	0%	2	EA	\$ 6.43	\$ 13	\$ 124	2	\$ 222	\$ 235
3	1-1/2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 15.25	\$ 15	\$ 124	1	\$ 142	\$ 157
4	4" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 165.11	\$ 165	\$ 124	3	\$ 371	\$ 536
5	1" / 3/4" Dia Hot Water Return Pipe Tee	13	0%	13	EA	\$ 8.70	\$ 113	\$ 124	13	\$ 1,558	\$ 1,671
6	1-1/4" / 3/4" Dia Hot Water Return Pipe Tee	40	0%	40	EA	\$ 12.58	\$ 503	\$ 124	41	\$ 5,040	\$ 5,543
7	1-1/2" / 3/4" Dia Hot Water Return Pipe Tee	38	0%	38	EA	\$ 16.33	\$ 621	\$ 124	40	\$ 4,975	\$ 5,596
8	2" / 3/4" Dia Hot Water Return Pipe Tee	42	0%	42	EA	\$ 21.43	\$ 900	\$ 124	46	\$ 5,707	\$ 6,607
9	2-1/2" / 1-1/4" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 62.55	\$ 63	\$ 124	2	\$ 269	\$ 332
10	2-1/2" / 2" Dia Hot Water Return Pipe Tee	4	0%	4	EA	\$ 62.55	\$ 250	\$ 124	9	\$ 1,087	\$ 1,337
11	3" / 3/4" Dia Hot Water Return Pipe Tee	6	0%	6	EA	\$ 88.57	\$ 531	\$ 124	14	\$ 1,675	\$ 2,206
12	3" / 1-1/2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 108.99	\$ 109	\$ 124	2	\$ 284	\$ 393
13	3" / 2" Dia Hot Water Return Pipe Tee	2	0%	2	EA	\$ 93.74	\$ 187	\$ 124	6	\$ 692	\$ 879
14	4" / 1-1/2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 217.61	\$ 218	\$ 124	2	\$ 296	\$ 514
15	4" / 2-1/2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 200.53	\$ 201	\$ 124	3	\$ 364	\$ 565
16	6" / 3/4" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 415.55	\$ 416	\$ 124	4	\$ 488	\$ 903
17	6" / 1" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 570.68	\$ 571	\$ 124	4	\$ 494	\$ 1,065
18	6" / 1-1/2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 588.42	\$ 588	\$ 124	4	\$ 494	\$ 1,083
19	6" / 2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 605.47	\$ 605	\$ 124	4	\$ 494	\$ 1,100
20	6" / 2-1/2" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 814.59	\$ 815	\$ 124	4	\$ 494	\$ 1,309
21	6" / 3" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 630.97	\$ 631	\$ 124	4	\$ 494	\$ 1,125
22	6" / 4" Dia Hot Water Return Pipe Tee	1	0%	1	EA	\$ 680.95	\$ 681	\$ 124	5	\$ 556	\$ 1,237
REDUCER											
1	1" / 3/4" Dia Hot Water Return Pipe Reducer	9	0%	9	EA	\$ 7.53	\$ 68	\$ 124	18	\$ 2,223	\$ 2,291

2	1-1/4" / 3/4" Dia Hot Water Return Pipe Reducer	4	0%	4	EA	\$ 14.57	\$ 58	\$ 124	3	\$ 326	\$ 384
3	1-1/4" / 1" Dia Hot Water Return Pipe Reducer	6	0%	6	EA	\$ 19.52	\$ 117	\$ 124	4	\$ 489	\$ 606
4	1-1/2" / 3/4" Dia Hot Water Return Pipe Reducer	1	0%	1	EA	\$ 22.59	\$ 23	\$ 124	1	\$ 91	\$ 114
5	1-1/2" / 1" Dia Hot Water Return Pipe Reducer	1	0%	1	EA	\$ 27.62	\$ 28	\$ 124	1	\$ 84	\$ 112
6	1-1/2" / 1-1/4" Dia Hot Water Return Pipe Reducer	10	0%	10	EA	\$ 27.62	\$ 276	\$ 124	7	\$ 914	\$ 1,190
7	2" / 1-1/2" Dia Hot Water Return Pipe Reducer	10	0%	10	EA	\$ 36.12	\$ 361	\$ 124	8	\$ 963	\$ 1,325
8	2-1/2" / 2" Dia Hot Water Return Pipe Reducer	3	0%	3	EA	\$ 51.33	\$ 154	\$ 124	4	\$ 482	\$ 636
9	3" / 3/4" Dia Hot Water Return Pipe Reducer	2	0%	2	EA	\$ 94.58	\$ 189	\$ 124	3	\$ 334	\$ 523
10	3" / 2" Dia Hot Water Return Pipe Reducer	2	0%	2	EA	\$ 62.91	\$ 126	\$ 124	3	\$ 334	\$ 459
11	3" / 2-1/2" Dia Hot Water Return Pipe Reducer	1	0%	1	EA	\$ 57.69	\$ 58	\$ 124	1	\$ 167	\$ 224
12	4" / 2-1/2" Dia Hot Water Return Pipe Reducer	1	0%	1	EA	\$ 174.80	\$ 175	\$ 124	2	\$ 235	\$ 409
13	4" / 3" Dia Hot Water Return Pipe Reducer	1	0%	1	EA	\$ 174.80	\$ 175	\$ 124	2	\$ 241	\$ 416
14	6" / 4" Dia Hot Water Return Pipe Reducer	1	0%	1	EA	\$ 316.84	\$ 317	\$ 124	3	\$ 309	\$ 626
CHILLED WATER SUPPLY PIPE											
Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints											
1	4" Dia Chilled Water Supply Pipe	252	10%	277	LFT	\$ 23.84	\$ 6,609	\$ 124	55	\$ 6,848	\$ 13,457
2	6" Dia Chilled Water Supply Pipe	162	10%	178	LFT	\$ 35.42	\$ 6,312	\$ 124	53	\$ 6,603	\$ 12,915
3	8" Dia Chilled Water Supply Pipe	239	10%	263	LFT	\$ 41.56	\$ 10,926	\$ 124	79	\$ 9,742	\$ 20,668
CHILLED WATER SUPPLY PIPE INSULATION											
1" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	4" Dia Chilled Water Supply Pipe	252	10%	277	LFT	\$ 1.04	\$ 287	\$ 118	17	\$ 1,957	\$ 2,244
2	6" Dia Chilled Water Supply Pipe	162	10%	178	LFT	\$ 1.39	\$ 248	\$ 118	11	\$ 1,258	\$ 1,506
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
3	8" Dia Chilled Water Supply Pipe	239	10%	263	LFT	\$ 1.57	\$ 413	\$ 118	18	\$ 2,166	\$ 2,579
CHILLED WATER SUPPLY PIPE FITTING											
ELBOW											
1	4" Dia Chilled Water Supply Pipe 90 Deg Elbow	21	0%	21	EA	\$ 109.43	\$ 2,298	\$ 124	42	\$ 5,188	\$ 7,486
2	6" Dia Chilled Water Supply Pipe 90 Deg Elbow	6	0%	6	EA	\$ 325.45	\$ 1,953	\$ 124	18	\$ 2,223	\$ 4,176
3	8" Dia Chilled Water Supply Pipe 90 Deg Elbow	7	0%	7	EA	\$ 759.66	\$ 5,318	\$ 124	27	\$ 3,372	\$ 8,690
4	4" Dia Chilled Water Supply Pipe 45 Deg Elbow	1	0%	1	EA	\$ 353.50	\$ 354	\$ 124	2	\$ 247	\$ 601
TEE											
1	8" Dia Chilled Water Supply Pipe Tee	1	0%	1	EA	\$ 2,705.93	\$ 2,706	\$ 124	6	\$ 723	\$ 3,429
2	6" / 4" Dia Chilled Water Supply Pipe Tee	2	0%	2	EA	\$ 680.95	\$ 1,362	\$ 124	9	\$ 1,112	\$ 2,474
3	8" / 4" Dia Chilled Water Supply Pipe Tee	2	0%	2	EA	\$ 1,259.79	\$ 2,520	\$ 124	9	\$ 1,112	\$ 3,631
REDUCER											
1	6" / 4" Dia Chilled Water Supply Pipe Reducer	1	0%	1	EA	\$ 316.84	\$ 317	\$ 124	3	\$ 309	\$ 626
2	8" / 4" Dia Chilled Water Supply Pipe Reducer	1	0%	1	EA	\$ 658.88	\$ 659	\$ 124	3	\$ 309	\$ 968
3	8" / 6" Dia Chilled Water Supply Pipe Reducer	1	0%	1	EA	\$ 754.96	\$ 755	\$ 124	3	\$ 309	\$ 1,064
CHILLED WATER RETURN PIPE											
Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints											
1	4" Dia Chilled Water Return Pipe	262	10%	288	LFT	\$ 23.84	\$ 6,872	\$ 124	58	\$ 7,120	\$ 13,991
2	6" Dia Chilled Water Return Pipe	172	10%	189	LFT	\$ 35.42	\$ 6,701	\$ 124	57	\$ 7,011	\$ 13,712
3	8" Dia Chilled Water Return Pipe	257	10%	283	LFT	\$ 41.56	\$ 11,749	\$ 124	85	\$ 10,476	\$ 22,225
CHILLED WATER RETURN PIPE INSULATION											
1" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	4" Dia Chilled Water Return Pipe	262	10%	288	LFT	\$ 1.04	\$ 298	\$ 118	17	\$ 2,035	\$ 2,333
2	6" Dia Chilled Water Return Pipe	172	10%	189	LFT	\$ 1.39	\$ 263	\$ 118	11	\$ 1,336	\$ 1,599
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
3	8" Dia Chilled Water Return Pipe	257	10%	283	LFT	\$ 1.57	\$ 444	\$ 118	20	\$ 2,329	\$ 2,773
CHILLED WATER RETURN PIPE FITTING											
ELBOW											
1	4" Dia Chilled Water Return Pipe 90 Deg Elbow	21	0%	21	EA	\$ 109.43	\$ 2,298	\$ 124	42	\$ 5,188	\$ 7,486
2	6" Dia Chilled Water Return Pipe 90 Deg Elbow	6	0%	6	EA	\$ 325.45	\$ 1,953	\$ 124	18	\$ 2,223	\$ 4,176
3	8" Dia Chilled Water Return Pipe 90 Deg Elbow	6	0%	6	EA	\$ 759.66	\$ 4,558	\$ 124	23	\$ 2,890	\$ 7,448
TEE											
1	8" Dia Chilled Water Return Pipe Tee	1	0%	1	EA	\$ 2,705.93	\$ 2,706	\$ 124	6	\$ 723	\$ 3,429
2	6" / 4" Dia Chilled Water Return Pipe Tee	4	0%	4	EA	\$ 680.95	\$ 2,724	\$ 124	18	\$ 2,223	\$ 4,947
3	8" / 4" Dia Chilled Water Return Pipe Tee	2	0%	2	EA	\$ 1,259.79	\$ 2,520	\$ 124	9	\$ 1,112	\$ 3,631
REDUCER											
1	8" / 4" Dia Chilled Water Return Pipe Reducer	1	0%	1	EA	\$ 658.88	\$ 659	\$ 124	3	\$ 309	\$ 968
2	8" / 6" Dia Chilled Water Return Pipe Reducer	1	0%	1	EA	\$ 754.96	\$ 755	\$ 124	3	\$ 309	\$ 1,064
CONDENSER WATER SUPPLY PIPE											
Schedule 40, Grade B steel pipe; Class 125, cast-iron fittings, cast-iron flanges and flange fittings; and threaded joints.											

1	10" Dia Condenser Water Supply Pipe	64	10%	71	LFT	\$ 58.89	\$ 4,178	\$ 124	21	\$ 2,629	\$ 6,806
CONDENSER WATER SUPPLY PIPE INSULATION											
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	10" Dia Condenser Water Supply Pipe	64	10%	71	LFT	\$ 2.03	\$ 144	\$ 118	6	\$ 668	\$ 812
CONDENSER WATER SUPPLY PIPE FITTING											
ELBOW											
1	10" Dia Condenser Water Supply Pipe 90 Deg Elbow	5	0%	5	EA	\$ 1,108.79	\$ 5,544	\$ 124	20	\$ 2,409	\$ 7,953
2	10" Dia Condenser Water Supply Pipe 45 Deg Elbow	1	0%	1	EA	\$ 1,045.85	\$ 1,046	\$ 124	4	\$ 482	\$ 1,528
CONDENSER WATER RETURN PIPE											
Schedule 40, Grade B steel pipe; Class 125, cast-iron fittings, cast-iron flanges and flange fittings; and threaded joints.											
1	10" Dia Condenser Water Return Pipe	56	10%	61	LFT	\$ 58.89	\$ 3,621	\$ 124	18	\$ 2,279	\$ 5,900
CONDENSER WATER RETURN PIPE INSULATION											
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	10" Dia Condenser Water Return Pipe	56	10%	61	LFT	\$ 2.03	\$ 125	\$ 118	5	\$ 579	\$ 704
CONDENSER WATER RETURN PIPE FITTING											
ELBOW											
1	10" Dia Condenser Water Return Pipe 90 Deg Elbow	6	0%	6	EA	\$ 1,108.79	\$ 6,653	\$ 124	23	\$ 2,890	\$ 9,543
2	10" Dia Condenser Water Return Pipe 45 Deg Elbow	1	0%	1	EA	\$ 1,045.85	\$ 1,046	\$ 124	4	\$ 482	\$ 1,528
COMBUSTION AIR INTAKE PIPE											
Sch 40, Steel Pipe (Assumed)											
1	6" Dia Combustion Air Intake Pipe	10	10%	11	LFT	\$ 35.42	\$ 381	\$ 124	3	\$ 399	\$ 780
2	8" Dia Combustion Air Intake Pipe	37	10%	41	LFT	\$ 41.56	\$ 1,686	\$ 124	12	\$ 1,503	\$ 3,189
COMBUSTION AIR INTAKE PIPE FITTING											
ELBOW											
1	6" Dia Combustion Air Intake Pipe 90 Deg Elbow	2	0%	2	EA	\$ 325.45	\$ 651	\$ 124	6	\$ 741	\$ 1,392
2	8" Dia Combustion Air Intake Pipe 90 Deg Elbow	4	0%	4	EA	\$ 759.66	\$ 3,039	\$ 124	16	\$ 1,927	\$ 4,966
REFRIGERANT PIPE											
Type ACR, Drawn-Temper Tubing And Wrought-Copper Fittings With Brazed Joints.											
1	3/8" Dia Liquid Pipe	1528	10%	1681	LFT	\$ 1.15	\$ 1,934	\$ 124	67	\$ 8,304	\$ 10,238
2	3/8" Dia Hot Gas Pipe	24	10%	26	LFT	\$ 1.15	\$ 30	\$ 124	1	\$ 131	\$ 161
3	1/2" Dia Liquid Pipe	184	10%	202	LFT	\$ 1.46	\$ 295	\$ 124	8	\$ 1,000	\$ 1,295
4	1/2" Dia Hot Gas Pipe	15	10%	16	LFT	\$ 1.46	\$ 23	\$ 124	1	\$ 79	\$ 102
5	5/8" Dia Liquid Pipe	177	10%	195	LFT	\$ 1.30	\$ 253	\$ 124	8	\$ 962	\$ 1,215
6	5/8" Dia Hot Gas Pipe	1587	10%	1746	LFT	\$ 1.30	\$ 2,270	\$ 124	70	\$ 8,627	\$ 10,897
7	1-3/8" Dia Liquid Pipe	14	10%	15	LFT	\$ 5.15	\$ 79	\$ 124	1	\$ 95	\$ 174
8	1-1/8" Dia Liquid Pipe	14	10%	15	LFT	\$ 5.12	\$ 77	\$ 124	1	\$ 93	\$ 169
9	1-1/8" Dia Hot Gas Line Pipe	245	10%	270	LFT	\$ 5.12	\$ 1,380	\$ 124	13	\$ 1,664	\$ 3,044
10	1-3/8" Dia Hot Gas Pipe	214	10%	235	LFT	\$ 5.15	\$ 1,212	\$ 124	12	\$ 1,454	\$ 2,666
11	3" Dia Refrigerant Relief Pipe	19	10%	21	LFT	\$ 18.95	\$ 391	\$ 124	3	\$ 382	\$ 773
REFRIGERANT PIPE INSULATION											
1" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	3/8" Dia Liquid Pipe	1528	10%	1681	LFT	\$ 0.26	\$ 433	\$ 118	34	\$ 3,956	\$ 4,388
2	3/8" Dia Hot Gas Pipe	24	10%	26	LFT	\$ 0.26	\$ 7	\$ 118	1	\$ 62	\$ 69
3	1/2" Dia Liquid Pipe	184	10%	202	LFT	\$ 0.28	\$ 57	\$ 118	4	\$ 476	\$ 534
4	1/2" Dia Hot Gas Pipe	15	10%	16	LFT	\$ 0.28	\$ 5	\$ 118	0	\$ 38	\$ 42
5	5/8" Dia Liquid Pipe	177	10%	195	LFT	\$ 0.36	\$ 70	\$ 118	4	\$ 458	\$ 528
6	5/8" Dia Hot Gas Pipe	1587	10%	1746	LFT	\$ 0.36	\$ 627	\$ 118	35	\$ 4,110	\$ 4,736
7	1-3/8" Dia Liquid Pipe	14	10%	15	LFT	\$ 0.42	\$ 6	\$ 118	1	\$ 72	\$ 79
8	1-1/8" Dia Liquid Pipe	14	10%	15	LFT	\$ 0.42	\$ 6	\$ 118	1	\$ 71	\$ 77
9	1-1/8" Dia Hot Gas Line Pipe	245	10%	270	LFT	\$ 0.42	\$ 114	\$ 118	11	\$ 1,269	\$ 1,382
10	1-3/8" Dia Hot Gas Pipe	214	10%	235	LFT	\$ 0.42	\$ 99	\$ 118	9	\$ 1,108	\$ 1,207
11	3" Dia Refrigerant Relief Pipe	19	10%	21	LFT	\$ 0.83	\$ 17	\$ 118	1	\$ 121	\$ 139
REFRIGERANT PIPE FITTING											
ELBOW											
1	1/2" Dia Liquid Pipe 90 Deg Elbow	16	0%	16	EA	\$ 0.71	\$ 11	\$ 124	6	\$ 791	\$ 802
2	1/2" Dia Hot Gas Pipe 90 Deg Elbow	1	0%	1	EA	\$ 0.71	\$ 1	\$ 124	0	\$ 49	\$ 50
3	3/8" Dia Liquid Pipe 90 Deg Elbow	111	0%	111	EA	\$ 2.08	\$ 231	\$ 124	44	\$ 5,484	\$ 5,715
4	3/8" Dia Hot Gas Pipe 90 Deg Elbow	2	0%	2	EA	\$ 2.08	\$ 4	\$ 124	1	\$ 99	\$ 103
5	5/8" Dia Liquid Pipe 90 Deg Elbow	13	0%	13	EA	\$ 3.17	\$ 41	\$ 124	5	\$ 642	\$ 684
6	5/8" Dia Hot Gas Pipe 90 Deg Elbow	117	0%	117	EA	\$ 3.17	\$ 371	\$ 124	47	\$ 5,781	\$ 6,152
7	1-1/8" Dia Hot Gas Pipe 90 Deg Elbow	26	0%	26	EA	\$ 9.39	\$ 244	\$ 124	18	\$ 2,248	\$ 2,492
8	1-3/8" Dia Hot Gas Pipe 90 Elbow	13	0%	13	EA	\$ 10.24	\$ 133	\$ 124	10	\$ 1,285	\$ 1,418
9	1-3/8" Dia Liquid Pipe 90 Deg Elbow	1	0%	1	EA	\$ 10.24	\$ 10	\$ 124	1	\$ 99	\$ 109
10	1-1/8" Dia Liquid Pipe 90 Deg Elbow	2	0%	2	EA	\$ 9.39	\$ 19	\$ 124	1	\$ 173	\$ 192
TEE											

1	3/8" Dia Liquid Pipe Tee	4	0%	4	EA	\$ 3.44	\$ 14	\$ 124	2	\$ 296	\$ 310
2	5/8" Dia Hot Gas Pipe Tee	8	0%	8	EA	\$ 5.17	\$ 41	\$ 124	5	\$ 593	\$ 634
3	1-3/8" Dia Hot Gas Pipe Tee	1	0%	1	EA	\$ 1.87	\$ 2	\$ 124	1	\$ 112	\$ 114
4	1-1/8" Dia Hot Gas Pipe Tee	1	0%	1	EA	\$ 1.87	\$ 2	\$ 124	1	\$ 112	\$ 114
5	5/8" / 1/2" Dia Liquid Line Pipe Tee	2	0%	2	EA	\$ 11.54	\$ 23	\$ 124	2	\$ 193	\$ 216
6	1-3/8" / 1/2" Dia Liquid Line Pipe Tee	1	0%	1	EA	\$ 12.88	\$ 13	\$ 124	1	\$ 112	\$ 125
7	1-1/8" / 3/8" Dia Hot Gas Pipe Tee	1	0%	1	EA	\$ 12.88	\$ 13	\$ 124	1	\$ 112	\$ 125
CONDENSATE DRAIN PIPE											
Condensate-Drain Piping: Type L, drawn-temper copper tubing, wrought-copper fittings, and soldered joints											
1	3/4" Dia Condensate Drain Pipe	737	10%	811	LFT	\$ 2.37	\$ 1,923	\$ 124	32	\$ 4,006	\$ 5,929
2	1" Dia Condensate Drain Pipe	25	10%	28	LFT	\$ 3.36	\$ 93	\$ 124	1	\$ 172	\$ 265
CONDENSATE DRAIN PIPE INSULATION											
1-1/2" Thick, Mineral-Fiber, Preformed Pipe Insulation, Type I.											
1	3/4" Dia Condensate Drain Pipe	737	10%	811	LFT	\$ 0.36	\$ 291	\$ 118	16	\$ 1,908	\$ 2,199
2	1" Dia Condensate Drain Pipe	25	10%	28	LFT	\$ 0.39	\$ 11	\$ 118	1	\$ 131	\$ 142
CONDENSATE DRAIN PIPE FITTING											
ELBOW											
1	3/4" Dia Condensate Drain Pipe 90 Deg Elbow	50	0%	50	EA	\$ 1.57	\$ 79	\$ 124	21	\$ 2,594	\$ 2,672
2	1" Dia Condensate Drain Pipe 90 Deg Elbow	3	0%	3	EA	\$ 4.06	\$ 12	\$ 124	2	\$ 185	\$ 197
3	3/4" Dia Condensate Drain Pipe 45 Deg Elbow	2	0%	2	EA	\$ 2.18	\$ 4	\$ 124	1	\$ 104	\$ 108
TEE											
1	3/4" Dia Condensate Drain Pipe Tee	7	0%	7	EA	\$ 2.88	\$ 20	\$ 124	4	\$ 545	\$ 565
2	1" / 3/4" Dia Condensate Drain Pipe Tee	2	0%	2	EA	\$ 11.09	\$ 22	\$ 124	2	\$ 200	\$ 222
REDUCER											
1	1" / 3/4" Dia Condensate Drain Pipe Reducer	3	0%	3	EA	\$ 3.59	\$ 11	\$ 124	2	\$ 185	\$ 196
PIPE FLANGE											
1	4" Dia Flange	8	0%	8	EA	\$ 56.42	\$ 451	\$ 124	20	\$ 2,530	\$ 2,981
2	6" Dia Flange	5	0%	5	EA	\$ 124.42	\$ 622	\$ 124	19	\$ 2,372	\$ 2,994
3	8" Dia Flange	6	0%	6	EA	\$ 234.95	\$ 1,410	\$ 124	31	\$ 3,795	\$ 5,204
4	10" Dia Flange	6	0%	6	EA	\$ 467.65	\$ 2,806	\$ 124	38	\$ 4,743	\$ 7,549
DUCT LINER											
1	1" Thick, Acoustical Duct Liner	899	0%	899	SF		\$ -	\$ 126	36	\$ 4,521	\$ 4,521
DUCT INSULATION											
1	1-1/2" Thick, Mineral-Fiber Blanket, 1.5-lb/cu. ft. Nominal Density, Factory-Applied Jacket, Value Of R-5, Manufacturer Knauf Insulation.	54660	0%	54660	SF		\$ -	\$ 118	1093	\$ 128,648	\$ 128,648
2	2" Thick, Mineral-Fiber Blanket, 3-lb/cu. ft. Nominal Density, Factory-Applied Jacket, Value Of R-5, Manufacturer Knauf Insulation.	918	0%	918	SF		\$ -	\$ 118	18	\$ 2,161	\$ 2,161
DUCT WEIGHT											
1	Galvanized Steel Duct Fabrication	70246	0%	70246	LB		\$ -	\$ 126	2810	\$ 353,253	\$ 353,253
1	Galvanized Steel Duct Erection	70246	0%	70246	LB		\$ -	\$ 126	1405	\$ 176,627	\$ 176,627
PIPE SUPPORT											
1	3/8" Dia Adjustable Clevis Hanger	33	0%	33	EA	\$ 3.32	\$ 110	\$ 124	8	\$ 1,019	\$ 1,129
2	1/2" Dia Adjustable Clevis Hanger	33	0%	33	EA	\$ 3.32	\$ 110	\$ 124	8	\$ 1,019	\$ 1,129
3	5/8" Dia Adjustable Clevis Hanger	294	0%	294	EA	\$ 1.44	\$ 423	\$ 124	74	\$ 9,079	\$ 9,502
4	3/4" Dia Adjustable Clevis Hanger	1681	0%	1681	EA	\$ 1.44	\$ 2,421	\$ 124	420	\$ 51,909	\$ 54,330
5	1" Dia Adjustable Clevis Hanger	165	0%	165	EA	\$ 1.47	\$ 243	\$ 124	41	\$ 5,095	\$ 5,338
6	1-1/8" Dia Adjustable Clevis Hanger	43	0%	43	EA	\$ 1.60	\$ 69	\$ 124	11	\$ 1,328	\$ 1,397
7	1-1/4" Dia Adjustable Clevis Hanger	272	0%	272	EA	\$ 1.60	\$ 435	\$ 124	68	\$ 8,399	\$ 8,835
8	1-3/8" Dia Adjustable Clevis Hanger	338	0%	338	EA	\$ 1.60	\$ 541	\$ 124	85	\$ 10,437	\$ 10,978
9	1-1/2" Dia Adjustable Clevis Hanger	257	0%	257	EA	\$ 1.63	\$ 419	\$ 124	64	\$ 7,936	\$ 8,355
10	2" Dia Adjustable Clevis Hanger	214	0%	214	EA	\$ 1.99	\$ 426	\$ 124	54	\$ 6,608	\$ 7,034
11	2-1/2" Dia Adjustable Clevis Hanger	41	0%	41	EA	\$ 3.06	\$ 125	\$ 124	12	\$ 1,519	\$ 1,645
12	3" Dia Adjustable Clevis Hanger	31	0%	31	EA	\$ 3.67	\$ 114	\$ 124	9	\$ 1,149	\$ 1,263
13	4" Dia Adjustable Clevis Hanger	107	0%	107	EA	\$ 4.62	\$ 494	\$ 124	37	\$ 4,626	\$ 5,120
14	6" Dia Adjustable Clevis Hanger	104	0%	104	EA	\$ 8.19	\$ 852	\$ 124	42	\$ 5,138	\$ 5,990
15	8" Dia Adjustable Clevis Hanger	62	0%	62	EA	\$ 12.68	\$ 786	\$ 124	31	\$ 3,829	\$ 4,615
16	10" Dia Adjustable Clevis Hanger	12	0%	12	EA	\$ 23.88	\$ 287	\$ 124	6	\$ 741	\$ 1,028
17	3/8" Dia Threaded Rod W/ Double Lock Nut (1 foot length)	3402	0%	3402	LFT	\$ 0.27	\$ 925	\$ 124	68	\$ 8,404	\$ 9,330
18	1/2" Dia Threaded Rod W/ Double Lock Nut (1 foot length)	107	0%	107	LFT	\$ 0.42	\$ 45	\$ 124	2	\$ 264	\$ 309
19	5/8" Dia Threaded Rod W/ Double Lock Nut (1 foot length)	178	0%	178	LFT	\$ 0.53	\$ 94	\$ 124	4	\$ 440	\$ 534
DUCT SUPPORT											
1	3/8" Dia Full Threaded Rod W/Double Locknut	2620	0%	2620	LFT	\$ 0.27	\$ 713	\$ 124	52	\$ 6,472	\$ 7,185
2	1" x 22 Ga. Strap	1310	0%	1310	EA	\$ 3.24	\$ 4,244	\$ 124	262	\$ 32,362	\$ 36,607
ALLOWANCES / QUOTES (PLEASE ADD YOUR NUMBERS)											
1	Mobilizations & Demobilization	1	0%	1	LS		\$ -	\$ 124		\$ -	\$ -

