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ITEM #	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	LABOR HOURS	UNIT LABOR COST	UNIT MATERIAL COST	ITEM COST	TRADE COST
<b>DIV-01 GENERAL</b>											<b>\$ 910,645</b>
1		General Requirements @ 7%	1	0%	1	LS		\$ -	\$ -	189,360	
2		Sales Tax @ 5%	1	0%	1	LS		\$ -	\$ -	135,257	
3		General Contractor over head & Profit @ 10%	1	0%	1	LS		\$ -	\$ -	270,514	
4		Mobilization Cost	1	0%	1	LS		\$ -	\$ -	135,257	
5		Contingencies @ 5%	1	0%	1	LS		\$ -	\$ -	135,257	
6		Temporary Control & Facilities	1	0%	1	LS		\$ -	\$ -	45,000	
<b>DIV-02 SELECTIVE REMOVALS AND DEMOLITION</b>											<b>\$ 108,382</b>
7		Removal of Existing Roofing	2,456	0%	2,456	SF		\$ 3.0	\$ -	\$ 7,367	
8		Removal of Existing Retaining Walls	7	0%	7	SF		\$ 15.0	\$ -	\$ 98	
8		Removal of Existing Metal panels	1,523	0%	1,523	SF		\$ 8.0	\$ -	\$ 12,180	
9		Removal of Existing Stairs	4	0%	4	RISER		\$ 88.0	\$ -	\$ 352	
10		Removal of Existing Railing	145	0%	145	LF		\$ 4.0	\$ -	\$ 582	
11		Removal of Existing Fence	53	0%	53	LF		\$ 4.5	\$ -	\$ 238	
12		Saw Cut Existing Slab for Underground piping	174	0%	174	SF		\$ 10.0	\$ -	\$ 1,736	
13		Removal of Existing Steps & Entry Slab	110	0%	110	SF		\$ 7.5	\$ -	\$ 828	
14		Interior Demolition	1	0%	1	SF		\$ -	\$ -	\$ 10,000	
15		Exterior Demolition	1	0%	1	SF		\$ -	\$ -	\$ 75,000	
<b>DIV-03 CONCRETE</b>											<b>\$ 17,837</b>
16		House Keeping pads	63	10%	70	SF	8.40	\$ 2.5	\$ 7.0	\$ 665	
17		New Slab Infill Reinforced Welded Wire Fabric	235	10%	259	SF	31.08	\$ 4.0	\$ 8.0	\$ 3,108	
18		Concrete Retaining Wall	53	10%	59	SF	7.08	\$ 8.0	\$ 12.0	\$ 1,180	
19		Concrete Curb	19	10%	21	LF	2.52	\$ 3.0	\$ 11.0	\$ 294	
20		Concrete Walkway	35	10%	39	SF	4.68	\$ 2.5	\$ 4.5	\$ 273	
21		Concrete Slab at Entry Porch	105	10%	116	SF	13.92	\$ 4.0	\$ 8.0	\$ 1,392	
22		19'-0" Wide Treads Concrete Stairs	4	10%	5	RISER	0.60	\$ 550.0	\$ 800.0	\$ 6,750	
23		Extend Slab for New Condensing Units 6" Thick Slab Reinforced w/ Welded Wire Fabric	150	10%	165	SF	19.80	\$ 4.0	\$ 9.0	\$ 2,145	
24		6'-0" Wide Treads Concrete Stairs	4	10%	5	RISER	0.60	\$ 166.0	\$ 240.0	\$ 2,030	
<b>DIV-05 METALS</b>											<b>\$ 177,201</b>
25		1-1/2" OD pipe Guard Railing w/ 1/2" Dia Vertical Stel balusters @ 4"o.c at Stairs	72	10%	79	LF	19.80	\$ 25.0	\$ 55.0	\$ 6,336	
26		1-1/2" OD Pipe Hand Railing at Stairs	207	10%	228	LF	56.93	\$ 20.0	\$ 45.0	\$ 14,801	
27		9/16" 22ga.UFS Deck at Slab infill	235	10%	259	SF	64.67	\$ 4.0	\$ 12.0	\$ 4,139	
28		C4x7.2 Parapet Framing	452	10%	497	SF	124.30	\$ 3.0	\$ 5.0	\$ 3,978	
29		L3x3x5/16" @ 48"o.c	452	10%	497	SF	124.30	\$ 2.0	\$ 4.0	\$ 2,983	
30		Hss6x6x5/8" Girt at large Windows	21,996	10%	24,196	lbs	72.59	\$ 1.8	\$ 2.7	\$ 108,880	
31		W8x31 bracing	162	10%	178	lbs	0.53	\$ 1.8	\$ 2.7	\$ 801	
32		Hss6x4x3/8"	4,071	10%	4,478	lbs	13.44	\$ 1.8	\$ 2.7	\$ 20,153	
33		W12x16	597	10%	657	lbs	1.97	\$ 1.8	\$ 2.7	\$ 2,957	
34		Hss10x6x3/8"	1,432	10%	1,575	lbs	4.73	\$ 1.8	\$ 2.7	\$ 7,088	
35		Hss10x6x3/8" Outriggers w/ L3x3x1/4"	7	10%	8	LF	1.93	\$ 5.0	\$ 12.0	\$ 131	
36		Hss8x6x3/8"	847	10%	932	lbs	2.80	\$ 1.8	\$ 2.7	\$ 4,193	
37		C12 Beam at Existing Beams	12	10%	13	LF	3.30	\$ 3.0	\$ 6.0	\$ 119	
38		C6 Rf Beams @ 48" o.c	73	10%	81	SF	10.06	\$ 3.0	\$ 5.0	\$ 644	
<b>DIV-06 WOOD PLASTICS &amp; COMPOSITES</b>											<b>\$ 58,369</b>
39		Fire Rated Plywood Blocking	331	10%	364	SF	7.28	\$ 2.0	\$ 3.0	\$ 1,820	
40		4'x8' Sheet Fire Rated Plywood	1	0%	1	EA	1	\$ 64.0	\$ 96.0	\$ 160	
41		Blocking at Wall Mounted Items	15	0%	15	LOC	3	\$ 20.0	\$ 50.0	\$ 1,050	
42		Door & Windows Casing	3,026	10%	3,329	LF	12	\$ 3.2	\$ 4.8	\$ 26,629	
<b>MILLWORK</b>											
43		Wall Mounted Plastic Laminate Cabinets	46	10%	51	SF	13	\$ 120.0	\$ 180.0	\$ 15,180	
44		Plastic Laminate Base Cabinets	41	10%	45	SF	13	\$ 120.0	\$ 180.0	\$ 13,530	
<b>DIV-07 THERMAL AND MOISTURE PROTECTION</b>											<b>\$ 246,199</b>
45		Sill Flashing	646	10%	711	LF	24.17	\$ 4.8	\$ 7.2	\$ 8,532	
46		Base Flashing	506	10%	557	LF	18.94	\$ 4.4	\$ 6.6	\$ 6,127	
<b>FAÇADE WORKS</b>											
47		1A:Insulated Metal Panels Color:white Width:24"	4,478	10%	4,926	SF	14.78	\$ 6.0	\$ 12.0	\$ 88,668	
48		1B:Insulated Metal Panels Color:white Width:30"	242	10%	267	SF	2.00	\$ 6.0	\$ 12.0	\$ 4,806	
49		1C:Insulated Metal Panels Color:white Width:30"	596	10%	656	SF	1.97	\$ 6.0	\$ 12.0	\$ 11,808	
50		2:Insulated Metal Panels Color:Yellow Custom Width:30"	2,981	10%	3,280	SF	9.84	\$ 6.0	\$ 12.0	\$ 59,040	
51		3A:Insulated Metal Panels Color:Light Gray Width:30"	1,607	10%	1,768	SF	5.30	\$ 6.0	\$ 12.0	\$ 31,824	
52		3B:Insulated Metal Panels Color:Light Gray Width:30"	239	10%	263	SF	0.79	\$ 6.0	\$ 12.0	\$ 4,734	
<b>ROOFING</b>											
53		EPDM Membrane Roofing over 3-1/2" Polyiso Board Insulation	2,389	10%	2,628	SF	16.00	\$ 3.0	\$ 6.0	\$ 23,652	
54		Seam Weld Membranes at Roof Surface	298	10%	328	LF	2	\$ 2.0	\$ 4.0	\$ 1,968	
55		Metal Roof Edge Flashing Typical at upper Roof	345	10%	380	LF	1	\$ 3.2	\$ 4.8	\$ 3,040	
56		Scupper/Downspot	4	0%	4	EA	1	\$ 150.0	\$ 350.0	\$ 2,000	
<b>DIV-08 OPENINGS</b>											<b>\$ 134,350</b>
<b>DOORS</b>											
57		Size:3'-0"x7'-0" Description:Hollow Metal Flush Door w/ Hollow Metal Frame	19	0%	19	EA	19	\$ 250.0	\$ 650.0	\$ 17,100	
58		Size:3'-0"x7'-0" Description:Hollow Metal Half Glass Door w/ Hollow Metal Frame	24	0%	24	EA	24	\$ 250.0	\$ 650.0	\$ 21,600	
59		Size:3'-0"x7'-0" Description:1 Hour Rated Hollow Metal Door w/ Hollow Metal Frame w/ 5"x20" Vision Panel	4	0%	4	EA	4	\$ 250.0	\$ 650.0	\$ 3,600	
60		Size:3'-0"x7'-0" Description:Insulated Hollow Metal Door w/ Hollow Metal Frame ,Hurricane Rated w/ Weatherstripping & Threshold	4	0%	4	EA	4	\$ 250.0	\$ 650.0	\$ 3,600	
61		Size:3'-0"x7'-0" Description:Aluminium & Glass Storefront Door,Hurricane Rated w/ Weatherstripping & Threshold	1	0%	1	EA	1	\$ 250.0	\$ 750.0	\$ 1,000	
62		Size:(2)3'-0"x7'-0" (Half Glass Each Leaf) Description:Hollow Metal Half Glass Door w/ Hollow Metal Frame	2	0%	2	EA	2	\$ 450.0	\$ 1,250.0	\$ 3,400	
63		36"x48" Access Door	1	0%	1	EA	1	\$ 200.0	\$ 500.0	\$ 700	
<b>WINDOWS</b>											

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64		Size:10'-11"x6'-0" Operation:Fixed Large Missile Impact Resistant Frame Type:Aluminium Storefront System Remarks:Low-E- Insulated Glazing,Hurricane Rated-	8	0%	8	EA	12.0	\$ 450.0	\$ 2,300.0	\$ 22,000	
65		Size:21'-6"x6'-0" Operation:Fixed Large Missile Impact Resistant Frame Type:Aluminium Storefront System Remarks:Low-E- Insulated Glazing,Hurricane Rated-	4	0%	4	EA	6.0	\$ 550.0	\$ 2,700.0	\$ 13,000	
66		Size:3'-6"x6'-0" Operation:Fixed Large Missile Impact Resistant Frame Type:Aluminium Storefront System Remarks:Low-E- Insulated Glazing,Hurricane Rated-	7	0%	7	EA	10.5	\$ 250.0	\$ 450.0	\$ 4,900	
67		Size:19'-0"x6'-0" Operation:Fixed Large Missile Impact Resistant Frame Type:Aluminium Storefront System Remarks:Low-E- Insulated Glazing,Hurricane Rated-	7	0%	7	EA	10.5	\$ 500.0	\$ 1,975.0	\$ 17,325	
68		Size:7'-9 1/2"x6'-0" Operation:Fixed Large Missile Impact Resistant Frame Type:Aluminium Storefront System Remarks:Low-E- Insulated Glazing,Hurricane Rated-	2	0%	2	EA	3.0	\$ 350.0	\$ 750.0	\$ 2,200	
69		Size:19'-0"x9'-0" Operation:Fixed/Door Rated-Large Missile Impact Resistant Frame Type:Aluminium Storefront System & Entrance Door Remarks:Low-E- Insulated Glazing,Hurricane Rated-	1	0%	1	EA	1.5	\$ 500.0	\$ 1,975.0	\$ 2,475	
70		Size:4'-0"x9'-0" Operation:Fixed/Door Rated-Large Missile Impact Resistant Frame Type:Aluminium Storefront System & Entrance Door Remarks:Low-E- Insulated Glazing,Hurricane Rated-	1	0%	1	EA	1.5	\$ 250.0	\$ 550.0	\$ 800	
71		Size:7'-0"x9'-0" Operation:Sliding Large Missile Impact Resistant Frame Type:Aluminium Framed Single Window Remarks:Low-E- Insulated Glazing,Hurricane Rated-	1	0%	1	EA	1.5	\$ 350.0	\$ 750.0	\$ 1,100	
<b>HARDWARE</b>											
72		Hardware Set:1 Fixed Pull Push Plate Door Closer 1-1/2" Pair BB Hinges	4	0%	4	EA	2.4	\$ 100.0	\$ 250.0	\$ 1,400	
73		Hardware Set:2 Storeroom lockSet Lever Handle 1-1/2" Pair BB Hinges	8	0%	8	EA	4.8	\$ 100.0	\$ 250.0	\$ 2,800	
74		Hardware Set:3 Storeroom lockSet Door Closure Lever Handle 1-1/2" Pair BB Hinges	2	0%	2	EA	1.2	\$ 100.0	\$ 300.0	\$ 800	
75		Hardware Set:4 Office lockSet Lever Handle 1-1/2" Pair BB Hinges	17	0%	17	EA	10.2	\$ 100.0	\$ 250.0	\$ 5,950	
76		Hardware Set:5 Entrance lockSet Lever Handle 1-1/2" Pair BB Hinges	6	0%	6	EA	3.6	\$ 100.0	\$ 250.0	\$ 2,100	
77		Hardware Set:6 Push Bar Exit Device/ Lever Handle Trim @ Stair Side Door Closure 1-1/2" Pair BB Hinges	4	0%	4	EA	2.4	\$ 100.0	\$ 250.0	\$ 1,400	
78		Hardware Set:7 Storeroom Lockset Lever Handle w/ Electronic Strike Card Access Device Door Closer 1-1/2" Pair BB Hinges	5	0%	5	EA	3.0	\$ 100.0	\$ 450.0	\$ 2,750	
79		Hardware Set:8 Push Bar Exit Device w/ Lever Handle Trim @ Exterior & Concealed Vertical Rods Electronic Latch Release Night Latch Exterior Trim 1-1/2" Pair Stainless Steel BB Hinges	1	0%	1	EA	0.6	\$ 100.0	\$ 300.0	\$ 400	
80		Hardware Set:9 Push Bar Exit Device w/ Lever Handle Trim @ Exterior & Concealed Vertical Rods Electronic Latch Release Night Latch Exterior Trim Powered Door Opener 1-1/2" Pair Stainless Steel BB Hinges	1	0%	1	EA	0.6	\$ 100.0	\$ 450.0	\$ 550	
81		Hardware Set:10 Privacy lockset Lever Handle 1-1/2" Pair Stainless Steel BB Hinges	3	0%	3	EA	1.8	\$ 100.0	\$ 150.0	\$ 750	
82		Hardware Set:11 Active Leaf Classroom Locket Set Lever Handle 1-1/2" Pair BB Hinges	1	0%	1	EA	0.6	\$ 100.0	\$ 250.0	\$ 350	
83		Hardware Set:12 Entrance Lockset Lever Handle 1-1/2" Pair BB Hinges Door Closer	1	0%	1	EA	0.6	\$ 100.0	\$ 200.0	\$ 300	
<b>DIV-09 FINISHES</b>											\$ 629,558
<b>DRYWALLS</b>											
84		Wall Type-A:Typical Metal Stud Partition 4 Layers Of 5/8" Thick Gypsum Wall Board Each Side	13,292	10%	14,621	SF	73.11	\$ 1.2	\$ 1.8	\$ 43,864	
85		1 Layer of 5/8" Thick Moisture Resistant Gypsum Board at Wet Locations	1,658	10%	1,823	SF	16.41	\$ 1.2	\$ 2.0	\$ 5,835	
86		3-5/8" Thick Metal Studs 22ga. @ 16"o.c	7,475	10%	8,222	SF	16.44	\$ 1.0	\$ 1.5	\$ 20,556	
87		Sound Attenuation Batt Insulation	7,475	10%	8,222	SF	8.22	\$ 0.8	\$ 1.2	\$ 16,445	
88		Sealant Top & Bottom	3,360	10%	3,696	LF	3.33	\$ 0.4	\$ 0.6	\$ 3,696	
89		Wall Type-A1:Typical Metal Stud Partition 4 Layers Of 5/8" Thick Gypsum Wall Board Each Side	1,001	10%	1,101	SF	9.91	\$ 1.2	\$ 1.8	\$ 3,304	
90		1 Layer of 5/8" Thick Moisture Resistant Gypsum Board at Wet Locations	258	10%	284	SF	2.55	\$ 1.2	\$ 2.0	\$ 907	
91		3-5/8" Thick Metal Studs 22ga. @ 16"o.c	1,259	10%	1,385	SF	2.77	\$ 1.0	\$ 1.5	\$ 3,462	
92		Sound Attenuation Batt Insulation	807	10%	888	SF	0.89	\$ 0.8	\$ 1.2	\$ 1,776	
93		Sealant Top & Bottom	240	10%	264	LF	0.24	\$ 0.4	\$ 0.6	\$ 264	
94		Wall Type-A1:Typical Column Enclosure 1 Layer of 5/8" Thick Gypsum Wall Board Finish Side	228	10%	251	SF	2.26	\$ 1.2	\$ 1.8	\$ 754	
95		2-1/2" Thick Metal Studs 22ga. @ 16"o.c	228	10%	251	SF	0.25	\$ 0.8	\$ 1.2	\$ 502	
96		Sealant Top & Bottom	228	10%	251	LF	0.23	\$ 0.4	\$ 0.6	\$ 251	
97		Wall Type-B:1 Hour Fire-Rated Partition 1 Layer of 5/8" Thick Type 'X' Gypsum Wall Board Each Side	4,454	10%	4,900	SF	44.10	\$ 1.2	\$ 1.8	\$ 14,699	
98		1 Layer of 5/8" Thick Moisture Resistant Gypsum Board at Wet Locations	1,446	10%	1,590	SF	14.31	\$ 1.2	\$ 2.0	\$ 5,089	
99		3-5/8" Thick Metal Studs 22ga. @ 16"o.c	2,960	10%	3,256	SF	6.51	\$ 1.0	\$ 1.5	\$ 8,140	
100		Sound Attenuation Batt Insulation	2,960	10%	3,256	SF	3.26	\$ 0.8	\$ 1.2	\$ 6,512	
101		Sealant Top & Bottom	1,184	10%	1,302	LF	1.17	\$ 0.4	\$ 0.6	\$ 1,302	
102		Wall Type-C:2Hour Fire-Rated Partition 2 Layers of 5/8" Thick Type 'X' Gypsum Wall Board Each Side	7,800	10%	8,580	SF	77.22	\$ 1.2	\$ 1.8	\$ 25,740	
103		3-5/8" Thick Metal Studs 22ga. @ 16"o.c	1,950	10%	2,145	SF	19.31	\$ 1.0	\$ 1.5	\$ 5,363	
104		Sound Attenuation Batt Insulation	1,950	10%	2,145	SF	4.29	\$ 0.8	\$ 1.2	\$ 4,290	
105		Sealant Top & Bottom	1,950	10%	2,145	LF	2.15	\$ 0.4	\$ 0.6	\$ 2,145	
<b>Exterior Wall</b>											

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106		1 Layer of 5/8" Thick Gypsum Board Interior Side	10,143	10%	11,157	SF	100.42	\$ 1.2	\$ 1.8	\$	33,472
107		C6x13 Studs @ 48" o.c	10,143	10%	11,157	SF	100.42	\$ 3.0	\$ 6.0	\$	100,416
108		Sound Attenuation Batt Insulation	10,143	10%	11,157	SF	22.31	\$ 0.8	\$ 1.2	\$	22,315
109		Sealant Top & Bottom	5,156	10%	5,672	LF	5.67	\$ 0.4	\$ 0.6	\$	5,672
<b>FLOORING</b>											
110		Sealed Concrete Flooring	815	10%	897	SF	17.93	\$ 1.0	\$ 1.5	\$	2,241
111		3"x3" Ceramic Tile Flooring	1,031	10%	1,134	SF	90.73	\$ 4.8	\$ 7.2	\$	13,609
112		Vinyl Composition Tile Flooring	3,876	10%	4,264	SF	85.27	\$ 3.2	\$ 4.8	\$	34,109
113		Carpet Tile Flooring	3,792	10%	4,171	SF	83.42	\$ 2.0	\$ 3.0	\$	20,856
114		Walk-off Carpeting	185	10%	204	SF	4.07	\$ 2.4	\$ 3.6	\$	1,221
<b>CEILING</b>											
115		2'-0"x2'-0" Acoustical Ceiling Tile	921	10%	1,013	SF	50.66	\$ 4.4	\$ 6.6	\$	11,144
116		2'-0"x4'-0" Acoustical Ceiling Tile	7,196	10%	7,916	SF	395.78	\$ 4.4	\$ 6.6	\$	87,072
117		New 5/8" Thick Gypsum Board Soffit	164	10%	180	SF	9.02	\$ 3.0	\$ 4.5	\$	1,353
<b>WALL FINISHES</b>											
118		4" Vinyl Base	2,764	10%	3,040	SF	12.16	\$ 2.0	\$ 3.0	\$	15,202
119		Ceramic Tile Cove Base	350	10%	385	SF	23.07	\$ 2.4	\$ 3.6	\$	2,307
120		4'-0" AFF Tile Wainscoat	1,916	10%	2,108	SF	105.38	\$ 4.8	\$ 7.2	\$	25,291
<b>PAINT</b>											
121		Paint on Gypsum Board Walls	36,919	10%	40,611	SF	71.48	\$ 0.7	\$ 1.0	\$	67,414
122		Paint on Railing	289	10%	318	LF	3.18	\$ 2.0	\$ 4.0	\$	1,908
123		Paint on Ceiling	164	10%	181	SF	1.81	\$ 1.0	\$ 1.5	\$	453
124		Paint on Doors	53	0%	53	EA	53.00	\$ 25.0	\$ 100.0	\$	6,625
125		Paint on Trim	1,802	10%	1,983	LF	79.32	\$ 0.4	\$ 0.6	\$	1,983
<b>DIV-10 SPECIALITIES</b>											\$ 11,888
<b>BATHROOM ACCESSORIES</b>											
126		Grab Bars	8	0%	8	EA		\$ 50.0	\$ 100.0	\$	1,200
126		Toilet Tissue Dispenser	9	0%	9	EA		\$	\$ 200.0	\$	1,800
127		Seat Cover Dispenser	5	0%	5	EA		\$	\$ 250.0	\$	1,250
127		Combo Paper Towel unit	5	0%	5	EA		\$	\$ 200.0	\$	1,000
128		Paper Towel Dispenser	7	0%	7	EA		\$	\$ 200.0	\$	1,400
128		Toilet Partitions	519	10%	572	SF		\$ 4.0	\$	\$	2,288
129		Urinal guard	2	0%	2	EA		\$ 50.0	\$	\$	100
129		Robe Hook	2	0%	2	EA		\$	\$ 100.0	\$	200
130		Mirror 6'-3"x3'-0"	1	0%	1	EA		\$	\$ 550.0	\$	550
130		Mirror 5'-7"x3'-0"	3	0%	3	EA		\$	\$ 550.0	\$	1,650
130		Shower Compartment	3	0%	3	EA		\$ 150.0	\$	\$	450
<b>DIV-12 FURNISHINGS</b>											\$ 52,623
131		4" High Tile Backsplash	26	10%	29	LF	9.28	\$ 8.0	\$ 14.0	\$	638
132		Solid Surface Counter Top Lunch Room	18	10%	20	SF	16.0	\$ 30.0	\$ 45.0	\$	1,500
		Solid Surface Counter Top Break Room	28	10%	31	SF	24.8	\$ 30.0	\$ 45.0	\$	
133		Vanity Top	42	10%	47	SF	37.6	\$ 30.0	\$ 45.0	\$	3,525
134		Double Layer 3/4" Marine Plywood Bench w/ 1-1/2"x3" Size Hardwood Nosing w/ Full Bull Nose Bench 42"x20" Fixed w/ legs	2	0%	2	EA	1.6	\$ 120.0	\$ 550.0	\$	1,340
135		Double Layer 3/4" Marine Plywood Bench w/ 1-1/2"x3" Size Hardwood Nosing w/ Full Bull Nose Bench 60"x12" Alcove	1	0%	1	EA	0.8	\$ 120.0	\$ 650.0	\$	770
136		Double Layer 3/4" Marine Plywood Bench w/ 1-1/2"x3" Size Hardwood Nosing w/ Full Bull Nose Bench 23"x12" Alcove	1	0%	1	EA	0.8	\$ 120.0	\$ 250.0	\$	370
137		Skirt Board	25	10%	28	LF	22.4	\$ 4.0	\$ 6.0	\$	280
138		Pipe Insulation at Laboratories	1	0%	1	LS	0.8	\$	\$	\$	2,000
139		Lockers	74	0%	74	EA	59.2	\$ 150.0	\$ 400.0	\$	40,700
140		Interior Signages	1	0%	1	LS		\$	\$	\$	1,500
<b>DIV-13 APPLIANCES</b>											\$ 12,925
141		Microwave	2	0%	2	EA		\$	\$ 1,200.0	\$	2,400
142		Domestic Oven/Range	1	0%	1	EA	5	\$ 750.0	\$ 2,250.0	\$	3,000
143		Domestic Exhaust Hood	1	0%	1	EA	4.444	\$ 225.0	\$ 4,800.0	\$	5,025
144		Refrigerator	1	0%	1	EA	6	\$ 750.0	\$ 1,750.0	\$	2,500
<b>DIV-17 FIRE PROTECTION</b>											\$ 70,537
145		Sprinklers Piping	1,219	10%	1,341	LF	180.36	\$ 5.0	\$ 22.0	\$	36,207
146		Concealed Pendant Sprinkler Head	96	0%	96	EA	28.80	\$ 45.0	\$ 150.0	\$	18,720
147		Side Wall Sprinkler Head	1	0%	1	EA	0.30	\$ 45.0	\$ 125.0	\$	170
148		Upright Sprinkler Head	28	0%	28	EA	8.40	\$ 45.0	\$ 175.0	\$	6,160
149		Portable Extinguisher	4	0%	4	EA	1.00	\$ 25.0	\$ 225.0	\$	1,000
150		FP-1:Ac Fire Pump Mode:Series 1580 GPM:250	1	0%	1	EA	13.00	\$ 1,500.0	\$ 4,500.0	\$	6,000
151		Sprinkler Floor Control Valve Assembly at 7'-6" AFF	4	0%	4	EA	8.00	\$ 100.0	\$ 250.0	\$	1,400
152		4" FSP with 2-1/2" Fire Hose Valve at 4'-0" AFF	4	0%	4	EA	4.00	\$ 45.0	\$ 175.0	\$	880
<b>DIV-22 PLUMBING</b>											\$ 248,146
<b>PIPING</b>											
153		1" Domestic Cold Water Pipe	116	10%	128	LF	29.44	\$ 8.2	\$ 16.8	\$	3,200
154		1" Domestic Hot Water Pipe	14	10%	16	LF	3.68	\$ 8.2	\$ 16.8	\$	400
155		1/2" Domestic Cold Water Pipe	219	10%	242	LF	55.66	\$ 8.2	\$ 15.0	\$	5,614
156		1/2" Domestic Hot Water Pipe	192	10%	212	LF	48.76	\$ 8.2	\$ 15.0	\$	4,918
157		1-1/2" Domestic Cold Water Pipe	29	10%	33	LF	7.59	\$ 10.0	\$ 20.0	\$	990
158		1-1/2" Domestic Hot Water Pipe	58	10%	64	LF	14.72	\$ 10.0	\$ 20.0	\$	1,920
159		1-1/2" Vent Pipe	68	10%	75	LF	17.25	\$ 10.0	\$ 20.0	\$	2,250
160		1-1/2" Sanitary Pipe	94	10%	103	LF	23.69	\$ 10.0	\$ 20.0	\$	3,090
161		2" Domestic Cold Water Pipe	33	10%	36	LF	8.28	\$ 12.5	\$ 34.0	\$	1,674
162		2" Vent Pipe	535	10%	589	LF	135.47	\$ 12.5	\$ 34.0	\$	27,389
163		2" Sanitary Pipe	213	10%	235	LF	54.05	\$ 12.5	\$ 34.0	\$	10,928
164		2-1/2" Domestic Cold Water Pipe	44	10%	49	LF	11.27	\$ 12.5	\$ 40.0	\$	2,573
165		3" Domestic Cold Water Pipe	16	10%	18	LF	4.14	\$ 15.0	\$ 35.0	\$	900
166		3" Sanitary Pipe	195	10%	215	LF	49.45	\$ 15.0	\$ 30.0	\$	9,675
167		3/4" Domestic Cold Water Pipe	101	10%	111	LF	25.53	\$ 8.2	\$ 17.5	\$	2,847
168		3/4" Domestic Hot Water Pipe	78	10%	86	LF	19.78	\$ 8.2	\$ 17.5	\$	2,206
169		3/4" Domestic Hot Water Return Pipe	108	10%	119	LF	27.37	\$ 8.2	\$ 17.5	\$	3,052
170		4" Sanitary Pipe	249	10%	274	LF	63.02	\$ 10.0	\$ 45.0	\$	15,070
171		Clean out	4	0%	4	EA	2.40	\$ 25.0	\$ 150.0	\$	700
<b>PIPING INSULATION</b>											
172		1/2" Thick Fiber Glass Insulation	1	10%	2	LS	12	\$	\$	\$	12,000
173		1" Thick Fiber Glass Insulation	1	10%	2	LS	22	\$	\$	\$	15,000
<b>PLUMBING EQUIPMENTS</b>											
174		P-1:Water Closet Manufacturer:American Standard Model:2854.016 Flow:1.6 GPF Remarks:Manual Flush Valve 6047.161.002,White 5901.100 Seat	10	0%	10	EA	30	\$ 100.0	\$ 1,975.0	\$	20,750

ITEM #	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	LABOR HOURS	UNIT LABOR COST	UNIT MATERIAL COST	ITEM COST	TRADE COST
175		P-2:Urinal Manufacturer:American Standard Model:6550.001 Flow:1.0 GPF Remarks:Manual Urinal Flush Valve 6045.051.002 White	4	0%	4	EA	10	\$ 75.0	\$ 750.0	\$ 3,300	
176		P-3:Lavatory Manufacturer:American Standard Model:0475.028 Flow:1.28 GPM Remarks:American Standard Reliant 3 Faucet 7385.000	9	0%	9	EA	27	\$ 100.0	\$ 1,050.0	\$ 10,350	
177		P-4:Hand Sink Manufacturer:American Standard Model:0356.421 Flow:1.28 GPM Remarks:American Standard Reliant 3 Faucet 7385.000	1	0%	1	EA	3	\$ 100.0	\$ 1,150.0	\$ 1,250	
178		P-5:Shower Manufacturer:American Standard Model:A8009D-FCO Flow:1.5 GPM Remarks:Burshed SS Drain Plate Included,16625G.211 Commercial Shower System Kit	3	0%	3	EA	9	\$ 225.0	\$ 575.0	\$ 2,400	
179		P-6:Service Sink Manufacturer:American Standard Model:7692.008 Flow:10 GPM Remarks:AM.STD.8350.243 Faucet	1	0%	1	EA	3	\$ 100.0	\$ 1,150.0	\$ 1,250	
180		P-7:Kitchen Sink Manufacturer:American Standard Model:205B.8252283C.075 Flow:1.5 GPM Remarks:Includes Colony Pro Single Control Faucet w/ Deck Plate & Strainer	2	0%	2	EA	6	\$ 100.0	\$ 1,150.0	\$ 2,500	
181		P-8:Drinking Foundation Manufacturer:Elkay Model:L25GBWSSK	1	0%	1	EA	3	\$ 100.0	\$ 750.0	\$ 850	
182		P-9:Wash MCH.Outlet Box Manufacturer:Oatey Model:38630	2	0%	2	EA	6	\$ 100.0	\$ 1,000.0	\$ 2,200	
183		P-10:Mop Sink Manufacturer:Fiat Model:TSB200 Flow:3.5 GPM	1	0%	1	EA	3	\$ 100.0	\$ 700.0	\$ 800	
184		P-11:Ice Maker Outlet Box Manufacturer:Oatey Model:38630	2	0%	2	EA	6	\$ 100.0	\$ 1,000.0	\$ 2,200	
185		FD-1:Floor Drain Manufacturer:Jay R Smith Model:FIG 2310 Remarks:Trap primer	11	0%	11	EA	33	\$ 50.0	\$ 250.0	\$ 3,300	
186		RD-1:Roof Drain Manufacturer:AO Smith Model:DVE-52-12 Tank Capacity:50 Gallon Electric Input:4/4/4	6	0%	6	EA	18	\$ 50.0	\$ 350.0	\$ 2,400	
187		HW-1:Hot Water Heater Manufacturer:AO Smith Model:DVE-52-12 Tank Capacity:50 Gallon Electric Input:4/4/4	1	0%	1	EA	3	\$ 355.0	\$ 2,575.0	\$ 2,930	
188		P-1:Pump Manufacturer:Taco Model:006-1QB4 GPM:11.5	1	0%	1	EA	3	\$ 895.0	\$ 5,335.0	\$ 6,230	
189		Shutoff Valve	67	0%	67	EA	201	\$ 45.0	\$ 135.0	\$ 12,060	
190		Clean out Valve Plate	3	0%	3	EA	9	\$ 45.0	\$ 150.0	\$ 585	
191		Circuit Balancing Valve	3	0%	3	EA	9	\$ 45.0	\$ 175.0	\$ 660	
192		Clean out Deck Plate	3	0%	3	EA	9	\$ 45.0	\$ 200.0	\$ 735	
193		Testing & Balancing of Piping System	1	0%	1	LS	24			\$ 45,000	
<b>DIV-23 MECHANICAL</b>											<b>\$ 568,398</b>
194		4" Dia Round Duct	22	10%	24	LF	21.36	\$ 4.5	\$ 10.0	\$ 348	
195		6" Dia Round Duct	109	10%	120	LF	106.80	\$ 4.5	\$ 13.5	\$ 2,160	
196		6" Dia Flexible Duct	44	10%	48	LF	42.72	\$ 4.5	\$ 15.0	\$ 936	
197		8" Dia Round Duct	122	10%	135	LF	120.15	\$ 5.0	\$ 18.0	\$ 3,105	
198		8" Dia Flexible Duct	92	10%	101	LF	89.89	\$ 5.0	\$ 11.0	\$ 1,616	
199		10" Dia Flexible Duct	46	10%	51	LF	45.39	\$ 5.0	\$ 10.0	\$ 765	
200		10" Dia Round Duct	154	10%	170	LF	151.30	\$ 7.0	\$ 14.0	\$ 3,570	
201		12" Dia Flexible Duct	16	10%	18	LF	16.02	\$ 7.0	\$ 12.0	\$ 342	
202		12" Dia Round Duct	6	10%	7	LF	6.23	\$ 7.0	\$ 13.0	\$ 140	
203		8"x4" Rectangular Duct	31	10%	35	LF	31.15	\$ 10.0	\$ 16.0	\$ 910	
204		8"x6" Rectangular Duct	18	10%	20	LF	17.80	\$ 10.0	\$ 14.0	\$ 480	
205		8"x8" Rectangular Duct	10	10%	11	LF	9.79	\$ 10.0	\$ 12.0	\$ 242	
206		10"x4" Rectangular Duct	4	10%	5	LF	4.45	\$ 10.0	\$ 12.0	\$ 110	
207		10"x6" Rectangular Duct	8	10%	10	LF	8.90	\$ 10.0	\$ 14.0	\$ 240	
208		10"x8" Rectangular Duct	70	10%	77	LF	68.53	\$ 12.0	\$ 25.0	\$ 2,849	
209		10"x10" Rectangular Duct	196	10%	216	LF	192.24	\$ 12.0	\$ 24.0	\$ 7,776	
210		10"x12" Rectangular Duct	11	10%	12	LF	10.68	\$ 14.0	\$ 20.0	\$ 408	
197		12"x6" Rectangular Duct	75	10%	83	LF	73.87	\$ 14.0	\$ 22.0	\$ 2,988	
198		12"x8" Rectangular Duct	22	10%	24	LF	21.36	\$ 14.0	\$ 24.0	\$ 912	
199		12"x10" Rectangular Duct	70	10%	77	LF	68.53	\$ 14.0	\$ 19.0	\$ 2,541	
204		12"x12" Rectangular Duct	41	10%	45	LF	40.05	\$ 16.0	\$ 22.0	\$ 1,710	
205		14"x8" Rectangular Duct	11	10%	12	LF	10.68	\$ 16.0	\$ 24.0	\$ 480	
206		14"x12" Rectangular Duct	27	10%	30	LF	26.70	\$ 16.0	\$ 26.0	\$ 1,260	
207		18"x12" Rectangular Duct	14	10%	15	LF	13.35	\$ 16.0	\$ 20.0	\$ 540	
208		18"x7" Rectangular Duct	23	10%	25	LF	22.25	\$ 18.0	\$ 24.0	\$ 1,050	
209		20"x10" Rectangular Duct	26	10%	29	LF	25.81	\$ 18.0	\$ 26.0	\$ 1,276	
211		20"x12" Rectangular Duct	25	10%	28	LF	24.92	\$ 20.0	\$ 25.0	\$ 1,260	
212		24"x12" Rectangular Duct	19	10%	22	LF	19.58	\$ 20.0	\$ 28.0	\$ 1,056	
213		36"x12" Rectangular Duct	107	10%	118	LF	105.02	\$ 22.0	\$ 30.0	\$ 6,136	
214		Volume Control Dampers	63	0%	63	EA	63.00	\$ 250.0	\$ 350.0	\$ 37,800	
215		Thermostats	25	0%	25	EA	25.00	\$ 50.0	\$ 100.0	\$ 3,750	
216		Static Pressure Sensor	4	0%	4	EA	4.00	\$ 160.0	\$ 280.0	\$ 1,760	
217		Refrigerator Piping	621	10%	684	LF	608.76	\$ 9.0	\$ 12.0	\$ 14,364	
<b>GRILLS</b>											
217		A:Supply Diffuser 75 CFM Manufacturer:Titus Model:Omni-AA Face:24"x24" Neck:6" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.889	\$ 53.0	\$ 250.0	\$ 303	
218		A:Supply Diffuser 80 CFM Manufacturer:Titus Model:Omni-AA Face:24"x24" Neck:6" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.889	\$ 53.0	\$ 250.0	\$ 303	
219		A:Supply Diffuser 85 CFM Manufacturer:Titus Model:Omni-AA Face:24"x24" Neck:6" Remarks:Aluminium,White,R6 Insulation	3	0%	3	EA	2.67	\$ 53.0	\$ 250.0	\$ 909	
220		A:Supply Diffuser 70 CFM Manufacturer:Titus Model:Omni-AA Face:24"x24" Neck:6" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
221		A:Supply Diffuser 110 CFM Manufacturer:Titus Model:Omni-AA Face:24"x24" Neck:6" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	

ITEM #	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	LABOR HOURS	UNIT LABOR COST	UNIT MATERIAL COST	ITEM COST	TRADE COST
222		A:Supply Diffuser 120 CFM Manufacturer:Titus Model:Omni-AA Neck:6" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
223		B:Supply Diffuser 175 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
224		B:Supply Diffuser 180 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
225		B:Supply Diffuser 190 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	5	0%	5	EA	4.45	\$ 53.0	\$ 250.0	\$ 1,515	
226		B:Supply Diffuser 225 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
227		B:Supply Diffuser 230 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
228		B:Supply Diffuser 240 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
229		B:Supply Diffuser 145 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
230		B:Supply Diffuser 170 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
231		B:Supply Diffuser 210 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
232		B:Supply Diffuser 260 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
233		B:Supply Diffuser 230 CFM Manufacturer:Titus Model:Omni-AA Neck:8" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
234		C:Supply Diffuser 300 CFM Manufacturer:Titus Model:Omni-AA Neck:10" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
235		C:Supply Diffuser 245 CFM Manufacturer:Titus Model:Omni-AA Neck:10" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
236		C:Supply Diffuser 270 CFM Manufacturer:Titus Model:Omni-AA Neck:10" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
237		C:Supply Diffuser 290 CFM Manufacturer:Titus Model:Omni-AA Neck:10" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
238		C:Supply Diffuser 305CFM Manufacturer:Titus Model:Omni-AA Neck:10" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
239		C:Supply Diffuser 355CFM Manufacturer:Titus Model:Omni-AA Neck:10" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
240		D:Supply Diffuser 410 CFM Manufacturer:Titus Model:Omni-AA Neck:12" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
241		D:Supply Diffuser 210 CFM Manufacturer:Titus Model:Omni-AA Neck:12" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
242		D:Supply Diffuser 420 CFM Manufacturer:Titus Model:Omni-AA Neck:12" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	2	0%	2	EA	1.78	\$ 53.0	\$ 250.0	\$ 606	
243		D:Supply Diffuser 440 CFM Manufacturer:Titus Model:Omni-AA Neck:12" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
244		D:Supply Diffuser 450 CFM Manufacturer:Titus Model:Omni-AA Neck:12" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
245		D:Supply Diffuser 455 CFM Manufacturer:Titus Model:Omni-AA Neck:12" Face:24"x24" Remarks:Aluminium,White,R6 Insulation	1	0%	1	EA	0.89	\$ 53.0	\$ 250.0	\$ 303	
246		E:Exhaust Grill 25 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	1	0%	1	EA	0.55	\$ 32.0	\$ 166.0	\$ 198	
247		E:Exhaust Grill 50 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	1	0%	1	EA	0.55	\$ 32.0	\$ 166.0	\$ 198	
248		E:Exhaust Grill 60 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	1	0%	1	EA	0.55	\$ 32.0	\$ 166.0	\$ 198	
249		E:Exhaust Grill 105 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	2	0%	2	EA	1.10	\$ 32.0	\$ 166.0	\$ 396	
250		E:Exhaust Grill 130 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	2	0%	2	EA	1.10	\$ 32.0	\$ 166.0	\$ 396	

ITEM #	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	LABOR HOURS	UNIT LABOR COST	UNIT MATERIAL COST	ITEM COST	TRADE COST
251		E:Exhaust Grill 150 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	1	0%	1	EA	0.55	\$ 32.0	\$ 166.0	\$ 198	
252		E:Exhaust Grill 100 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	3	0%	3	EA	1.65	\$ 32.0	\$ 166.0	\$ 594	
253		E:Exhaust Grill 210 CFM Manufacturer:Titus Model:350FL Neck:8X8 Remarks:Aluminium,White,	1	0%	1	EA	0.55	\$ 32.0	\$ 166.0	\$ 198	
254		F:Fan Grill 350 CFM Manufacturer:Titus Model:350FS Neck:21X10 Remarks:Aluminium,White,	2	0%	2	EA	2	\$ 60.0	\$ 217.0	\$ 554	
255		Return Grill	30	0%	30	EA	30	\$ 60.0	\$ 217.0	\$ 8,310	
		<b>VAV BOX</b>									
256		VAV-1-1:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:410 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
257		VAV-1-2:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:540 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
258		VAV-1-3:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:710 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
259		VAV-1-4:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:780 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
260		VAV-1-5:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:350 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
261		VAV-2-1:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:480 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
262		VAV-2-2:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:450 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
263		VAV-2-3:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:555 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
264		VAV-2-4:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:460 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
265		VAV-2-5:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:715 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
266		VAV-2-6:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:350 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
267		VAV-3-1:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:750 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
268		VAV-3-2:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:525 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
269		VAV-3-3:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:260 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
270		VAV-3-4:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:455 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
271		VAV-3-5:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:400 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
272		VAV-3-6:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:320 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
273		VAV-3-7:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:350 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
274		VAV-4-1:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:440 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
275		VAV-4-3:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:175 Neck Size:4"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
276		VAV-4-4:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:840 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
277		VAV-4-5:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:420 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
278		VAV-4-6:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:500 Neck Size:8"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
279		VAV-4-7:Variable Air Volume Box Manufacturer:Trane Model:VCCF Nominal CFM:350 Neck Size:6"	1	0%	1	EA	0.5	\$ 500.0	\$ 1,500.0	\$ 2,000	
		<b>AIR HANDLING UNITS</b>									
214		AHU-1:Air Handling Unit Manufacturer:Trane Model:PO6CO CFM:2790 Cooling Capacity:78.86-107.76 MBH	1	0%	1	EA	48	\$ 1,975.0	\$ 7,075.0	\$ 9,050	
280		AHU-2:Air Handling Unit Manufacturer:Trane Model:PO6CO CFM:3010 Cooling Capacity:78.86-107.76 MBH	1	0%	1	EA	48	\$ 1,975.0	\$ 7,075.0	\$ 9,050	
281		AHU-3:Air Handling Unit Manufacturer:Trane Model:PO6CO CFM:3060 Cooling Capacity:78.86-107.76 MBH	1	0%	1	EA	48	\$ 1,975.0	\$ 7,075.0	\$ 9,050	
282		AHU-4:Air Handling Unit Manufacturer:Trane Model:PO6CO CFM:3135 Cooling Capacity:78.86-107.76 MBH	1	0%	1	EA	48	\$ 1,975.0	\$ 7,075.0	\$ 9,050	
283		AHU-5:Air Handling Unit Manufacturer:Mitsubishi Model:PKA-A12HA7 CFM:425 Cooling Capacity:12 MBH	1	0%	1	EA	24	\$ 1,300.0	\$ 2,800.0	\$ 4,100	
284		AHU-6:Air Handling Unit Manufacturer:Mitsubishi Model:PKA-A12HA7 CFM:705 Cooling Capacity:30 MBH	1	0%	1	EA	24	\$ 1,500.0	\$ 3,325.0	\$ 4,825	
		<b>CONDENSING UNITS</b>									
285		CU-1:Condensing Unit Manufacturer:Trane Model:TTA090H400A Cooling Capacity:90 MBH	4	0%	4	EA	16.88	\$ 455.0	\$ 5,025.0	\$ 21,920	

ITEM #	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	LABOR HOURS	UNIT LABOR COST	UNIT MATERIAL COST	ITEM COST	TRADE COST
286		CU-5:Condensing Unit Manufacturer:Mitsubishi Model:PUY-A12NKA7-B5 Cooling Capacity:12 MBH	1	0%	1	EA	4.22	\$ 239.0	\$ 1,650.0	\$ 1,889	
287		CU-6:Condensing Unit Manufacturer:Mitsubishi Model:PUY-A30NHA7-B5 Cooling Capacity:30 MBH	1	0%	1	EA	5	\$ 284.0	\$ 2,175.0	\$ 2,459	
<b>ENERGY RECOVERY VENTILATORS</b>											
288		ERV-1:Energy recovery Ventilators Manufacturer:GreenHeck Model:Minivent-750-VG CFM:735 Supply,670 Exhaust	1	0%	1	EA	2.5	\$ 100.0	\$ 550.0	\$ 650	
289		ERV-2:Energy recovery Ventilators Manufacturer:GreenHeck Model:Minivent-450-VG CFM:250 Supply,235Exhaust	1	0%	1	EA	2.5	\$ 100.0	\$ 250.0	\$ 350	
290		ERV-3:Energy recovery Ventilators Manufacturer:GreenHeck Model:Minivent-450-VG CFM:295 Supply,260 Exhaust	1	0%	1	EA	2.5	\$ 100.0	\$ 300.0	\$ 400	
291		ERV-4:Energy recovery Ventilators Manufacturer:GreenHeck Model:Minivent-450-VG CFM:280 Supply,260 Exhaust	1	0%	1	EA	2.5	\$ 100.0	\$ 350.0	\$ 450	
<b>MISCELLANEOUS ITEMS</b>											
292		Louvers 14x22 Manufacturer:GreenHeck Model:EHH-601DE Remarks:Include Insect Screen	8	0%	8	EA	4.0	\$ 50.0	\$ 250.0	\$ 2,400	
293		Duct Insulation .2" Thick,3/4" Lb Density Fiberglass Blanket with as FSK Vapor Barrier	1	0%	1	LS	40	\$ 3,000.0	\$ 7,000.0	\$ 10,000	
294		Refrigerent Piping Insulated w/ A 1/2" Armaflex Insulaiton with A Flame Spread or Less Than 25	1	0%	1	LS	40	\$ 3,000.0	\$ 9,000.0	\$ 12,000	
295		Start-Up	1	0%	1	LS	34			\$ 25,000	
296		Testing & Air Balancing	1	0%	1	LS	24			\$ 150,000	
297		Rigging	1	0%	1	LS	24			\$ 100,000	
298		Condensate Piping	1	0%	1	LS	36	\$ 3,000.0	\$ 15,000.0	\$ 18,000	
<b>DIV-26 ELECTRICAL</b>											<b>\$ 368,728</b>
299		Duplex Receptacle	163	0%	163	EA	53.79	\$ 30.0	\$ 70.0	\$ 16,300	
300		Duplex Receptacle Ground Fault Protected	26	0%	26	EA	8.58	\$ 45.0	\$ 105.0	\$ 3,900	
301		Duplex Receptacle Ground Fault Protected Weather Proof	1	0%	1	EA	0.33	\$ 45.0	\$ 135.0	\$ 180	
302		Floor Box w/ Receptacle+Voice/Data	3	0%	3	EA	3	\$ 50.0	\$ 250.0	\$ 900	
303		Junction Box	53	0%	53	EA	26.50	\$ 100.0	\$ 150.0	\$ 13,250	
304		Single Pole Switch	31	0%	31	EA	15.50	\$ 100.0	\$ 150.0	\$ 7,750	
305		Disconnect Swtich	12	0%	12	EA	6.00	\$ 100.0	\$ 200.0	\$ 3,600	
306		Recessed 2x2 Light Fixtures	132	0%	132	EA	186.12	\$ 125.0	\$ 350.0	\$ 62,700	
307		Recessed 2x2 Light Fixtures w/ Emergency Backup	24	0%	24	EA	33.84	\$ 125.0	\$ 400.0	\$ 12,600	
308		Exit Device	11	0%	11	EA	13.13	\$ 70.0	\$ 100.0	\$ 1,870	
309		Exit Device Double Face	4	0%	4	EA	4.78	\$ 70.0	\$ 120.0	\$ 760	
309		Wall mounted Light Fixture	7	0%	7	EA	2.32	\$ 100.0	\$ 150.0	\$ 1,750	
310		Recessed Downlight	9	0%	9	EA	4.05	\$ 150.0	\$ 250.0	\$ 3,600	
311		Surface/Suspended Light Fixtures	12	0%	12	EA	6.0	\$ 125.0	\$ 250.0	\$ 4,500	
312		Surface/Suspended Light Fixtures w/ Battery Back Up	1	0%	1	EA	0.5	\$ 125.0	\$ 350.0	\$ 475	
313		Occupancy Sensor	42	0%	42	EA	13.86	\$ 25.0	\$ 345.0	\$ 15,540	
314		Voice Data Outlet	55	0%	55	EA	18.15	\$ 60.0	\$ 140.0	\$ 11,000	
315		T-1:Transformer Hammond'HPS' Sentinel H30 KVA 480 Primary,120/208 Secondary,220 C Insulation Class Dry Type,Harmonic Mitigating Isolation,115 C Rise Aluminium Winding	1	0%	1	EA	44.44	\$ 2,575.0	\$ 15,600.0	\$ 18,175	
316		T-2:Transformer Square D 'EE45T3HT'480 Primary,120.208 Secondary 220 C Insulation Class Dey Type 115 C Rise Aluminium Winding	1	0%	1	EA	30.76	\$ 1,775.0	\$ 7,475.0	\$ 9,250	
317		Electric Panels	12	0%	12	EA	309.6	\$ 1,500.0	\$ 5,000.0	\$ 78,000	
318		24"x36"x12" Deep Nema 12K Junction Box w/ Back Board	1	0%	1	EA	0.33	\$ 350.0	\$ 750.0	\$ 1,100	
319		Voice Data Wiring	1	0%	1	LS	24	\$ 1,500.0	\$ 4,500.0	\$ 6,000	
320		Electric Wiring Type 'THHN'-THWN' No-12 AWG Minimum For Lightning,Receptacles & Appliances Branch Circuits	1	0%	1	LS	36	\$ 6,000.0	\$ 15,000.0	\$ 21,000	
321		Power Wiring & Feeders Wiring	1	0%	1	LS	42	\$ 8,000.0	\$ 12,000.0	\$ 20,000	
322		Raceway/Cable for Feeder & Brach Circuit,Rigid Polyvinyl Chloride Generator	2	0%	2	EA	72	\$ 2,000.0	\$ 11,000.0	\$ 26,000	
<b>FIRE ALARM</b>											
323		Horn/Strobe "Girf-HDVM	8	0%	8	EA	1.509	\$ 88.0	\$ 212.0	\$ 2,400	
324		Manual Pull Station	2	0%	2	EA	1.509	\$ 50.0	\$ 100.0	\$ 300	
325		Smoke Detector	15	0%	15	EA	1.29	\$ 75.0	\$ 169.0	\$ 3,660	
326		Thermal Detector	2	0%	2	EA	1.29	\$ 58.0	\$ 86.0	\$ 288	
327		Strobe Girf-VM	10	0%	10	EA	1.509	\$ 48.0	\$ 190.0	\$ 2,380	
328		Fire Alarm Control Panel	1	0%	1	EA	24	\$ 1,400.0	\$ 2,100.0	\$ 3,500	
329		Fire alarm Wiring (Rated)	1	0%	1	LS	48	\$ 1,500.0	\$ 2,000.0	\$ 3,500	
<b>BASE BID</b>											<b>\$ 3,615,786 \$ 3,615,786</b>