

GENERAL SUMMARY

Prepared for: **ILM Academy INC Learning Center 30 Mansell CT. Roswell GA 30076 Fulton County**
 Project ID:
 Scope: **G.C**

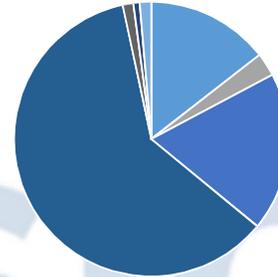


Date: **13-May-25**

BUILDING GSF 14581

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 65,781	\$ 4.51
6000	Wood, Plastics & Composites	\$ 12,557	\$ 0.86
8000	Opening	\$ 84,980	\$ 5.83
9000	Finishes	\$ 275,840	\$ 18.92
10000	Specialties	\$ 5,743	\$ 0.39
11000	Equipments	\$ 3,330	\$ 0.23
12000	Furnishing	\$ 6,154	\$ 0.42
22000	Plumbing	\$ 111,985	\$ 8
23000	HVAC	\$ 91,553	\$ 6
26000	Electrical	\$ 129,204	\$ 9
27000	Communications	\$ 11,957	\$ 1
TOTAL TRADE COST		\$ 799,084	\$ 31
OVERHEAD AND PROFIT		21%	\$ 167,808
TAX		8%	\$ 37,869
SUGGESTED BID		\$ 1,004,761	\$ 40

DIVISION COST COMPARISON



Legend: General Requirements - Wood, Plastics & Composites - Opening - Finishes - Specialties - Equipments - Furnishing



DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 32,652.00	\$ 32,652.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 4,855.00	\$ 4,855.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 15,622.00	\$ 15,622.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 12,652.00	\$ 12,652.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ 65,781

WOOD & PLASTIC													
ROUGH CARPENTRY													
8	A-120	A-120	BLOCKING										
			2x4 Wooden Blocking	LF	180	10%	198	0.025	\$ 30.00	\$ 0.75	\$ 1.20	\$ 1.95	\$ 386
FINISH CARPENTRY													
CABINETRY & MILLWORK													
9			2'-0" Deep x 2'-10" High Base Cabinet	LF	34	10%	37	0.585	\$ 30.00	\$ 17.55	\$ 198.25	\$ 215.80	\$ 8,071
10			2'-0" Deep x 1'-10" High Wall Cabinet	LF	28	10%	31	0.422	\$ 30.00	\$ 12.66	\$ 120.45	\$ 133.11	\$ 4,100
												SUBTOTAL	\$ 12,557

OPENINGS													
HM DOOR & FRAME													
11	A130	Door Schedule /A130	D1: 3'-0" x 7'-0" x 1-3/4" Interior Wood Door W/ -Hollow Metal Frame	EA	33	0%	33	2.100	\$ 30.00	\$ 63.00	\$ 852.62	\$ 915.62	\$ 30,215
12			D2: 3'-0" x 7'-0" x 1-3/4" Interior Wood Door W/ -Hollow Metal Frame (6'-6" x 7'-0") -1'-0" x 7'-0" Glass Sidelight Vision Glazing	EA	3	0%	3	5.000	\$ 30.00	\$ 150.00	\$ 1,152.00	\$ 1,302.00	\$ 3,906
13			D3: 3'-0" x 7'-0" x 1-3/4" Interior Wood Door W/ -Hollow Metal Frame (5'-6" x 7'-0") -2'-0" x 7'-0" Glass Sidelight Vision Glazing	EA	1	0%	1	6.250	\$ 30.00	\$ 187.50	\$ 1,298.25	\$ 1,485.75	\$ 1,486
14			D4: 3'-0" x 7'-0" x 1-3/4" Interior Wood Door W/ -Hollow Metal Frame -6"x27" Vision Lite	EA	2	0%	2	2.980	\$ 30.00	\$ 89.40	\$ 1,020.00	\$ 1,109.40	\$ 2,219
15			D5: 6'-0" x 7'-0" Exterior Tempered Glass Panel Door W/ -Aluminum Frame	EA	1	0%	1	5.850	\$ 30.00	\$ 175.50	\$ 1,898.40	\$ 2,073.90	\$ 2,074
16			D6: 3'-0" x 7'-0" x 1-3/4" Interior Wood Door W/ -Hollow Metal Frame -1-HR Rated (60 Min) -1'-0" x 7'-0" Glass Sidelight Vision Glazing	EA	1	0%	1	5.650	\$ 30.00	\$ 169.50	\$ 1,285.25	\$ 1,454.75	\$ 1,455
DOOR HARDWARE													
17			Typical Hardware Sets	EA	41	0%	41	1.600	\$ 30.00	\$ 48.00	\$ 325.20	\$ 373.20	\$ 15,301
Notes: Rated Door to Receive Closer -Control Access Door to Receive Panic Hardware -Hardware Levers and Locks to Be Schlage A1-Series -All Doors Hardware To Be ADA Required													
DOOR TRIMS													
18			Door Trims	LF	1374	0%	1374	0.032	\$ 30.00	\$ 0.96	\$ 2.65	\$ 3.61	\$ 4,960
WINDOWS													
19			W1: 3'-0" x 7'-0" Tempered Glass Window W/ -Aluminum Frame	EA	22	0%	22	2.100	\$ 30.00	\$ 63.00	\$ 971.25	\$ 1,034.25	\$ 22,754
20			W2: 4'-0" x 3'-0" Crl Delux Sliding Service Glass Window W/ -Aluminum Frame -Unglazed Window Panel	EA	1	0%	1	1.850	\$ 30.00	\$ 55.50	\$ 555.00	\$ 610.50	\$ 611
Notes: Window Shall Be White Commercial Storefront Insulated Glass in Aluminum Frames or Anderson Units ,Double Insulated Glass ,Corrosive Resistant Hardware and Insect Screens.													
												SUBTOTAL	\$ 84,980

FINISHES													
DRY WALL													
21			Wall Type 1: 6" Metal Stud Framed Partition	LF	266	H	II						
22			5/8" Gypsum Wall Board - Each Side	SF	5284	10%	5812						
23			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	182	0%	182	0.305	\$ 30.00	\$ 9.15	\$ 15.20	\$ 24.35	\$ 4,432
24			Drywall Finishes - Tapping, Mudding	EA	6	0%	6	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 175
25			Tapping	LF	2656	10%	2922						
26			Mudding	Lbs	280	10%	308						
27			Screws	EA	8736	0%	8736						
28			6" Metal Stud @ 16" O.C	LF	2107	10%	2318	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 6,537
29			6" Metal Stud Bracing @ 24" O.C	LF	268	10%	294	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 830
30			6" Top Metal Track	LF	266	10%	292	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 824
31			6" Bottom Metal Track	LF	266	10%	292	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 824
32			Acoustical Sealant	LF	1062	10%	1169	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 1,052
33			Wall Type 1: 6" Metal Stud Framed Partition	LF	39	H	II						
34			5/8" Gypsum Wall Board	SF	407	10%	447						
35			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	14	0%	14	0.305	\$ 30.00	\$ 9.15	\$ 15.20	\$ 24.35	\$ 341
36			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
37			Tapping	LF	208	10%	229						
38			Mudding	Lbs	22	10%	24						
39			Screws	EA	672	0%	672						
40			5/8" Moisture Resistant Gypsum Wall Board	SF	407	10%	447						
41			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	14	0%	14	0.305	\$ 30.00	\$ 9.15	\$ 17.45	\$ 26.60	\$ 372
42			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
43			Tapping	LF	208	10%	229						
44			Mudding	Lbs	22	10%	24						
45			Screws	EA	672	0%	672						
46			6" Metal Stud @ 16" O.C	LF	316	10%	348	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 981
47			6" Metal Stud Bracing @ 24" O.C	LF	41	10%	45	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 126
48			6" Top Metal Track	LF	39	10%	43	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 120
49			6" Bottom Metal Track	LF	39	10%	43	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 120
50			Acoustical Sealant	LF	155	10%	170	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 153

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51			Wall Type 2: 3-5/8" Metal Stud Framed Partition	LF	40	H	11						
52			5/8" Gypsum Wall Board - Each Side	SF	848	10%	933						
53			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	30	0%	30	0.305	\$ 30.00	\$ 9.15	\$ 15.20	\$ 24.35	\$ 731
54			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
55			Tapping	LF	432	10%	475						
56			Mudding	LBS	45	10%	49						
57			Screws	EA	1440	0%	1440						
58			3-5/8" Metal Stud @ 16" OC	LF	329	10%	362	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 822
59			3-5/8" Metal Stud Bracing @ 24" OC	LF	42	10%	47	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 106
60			3-5/8" Top Metal Track	LF	40	10%	44	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 101
61			3-5/8" Bottom Metal Track	LF	40	10%	44	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 101
62			Acoustical Sealant	LF	162	10%	178	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 160
63			Wall Type 2: 3-5/8" Metal Stud Framed Partition	LF	71	H	10						
64			5/8" Moisture Resistant Gypsum Wall Board - Each Side	SF	1342	10%	1476						
65			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	47	0%	47	0.305	\$ 30.00	\$ 9.15	\$ 17.45	\$ 26.60	\$ 1,250
66			Drywall Finishes - Tapping, Mudding	EA	2	0%	2	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 58
67			Tapping	LF	672	10%	739						
68			Mudding	LBS	71	10%	78						
69			Screws	EA	2256	0%	2256						
70			3-5/8" Metal Stud @ 16" OC	LF	514	10%	565	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 1,284
71			3-5/8" Metal Stud Bracing @ 24" OC	LF	109	10%	120	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 272
72			3-5/8" Top Metal Track	LF	71	10%	78	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 176
73			3-5/8" Bottom Metal Track	LF	71	10%	78	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 176
74			Acoustical Sealant	LF	283	10%	311	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 280
75			Wall Type 2: 3-5/8" Metal Stud Framed Partition	LF	33	H	11						
76			5/8" Gypsum Wall Board - One Side	SF	342	10%	376						
77			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	12	0%	12	0.305	\$ 30.00	\$ 9.15	\$ 15.20	\$ 24.35	\$ 292
78			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
79			Tapping	LF	176	10%	194						
80			Mudding	LBS	18	10%	20						
81			Screws	EA	576	0%	576						
82			5/8" Moisture Resistant Gypsum Wall Board - Other Side	SF	342	10%	376						
83			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	12	0%	12	0.305	\$ 30.00	\$ 9.15	\$ 17.45	\$ 26.60	\$ 319
84			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
85			Tapping	LF	176	10%	194						
86			Mudding	LBS	18	10%	20						
87			Screws	EA	576	0%	576						
88			3-5/8" Metal Stud @ 16" OC	LF	267	10%	294	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 668
89			3-5/8" Metal Stud Bracing @ 24" OC	LF	35	10%	38	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 86
90			3-5/8" Top Metal Track	LF	33	10%	36	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 81
91			3-5/8" Bottom Metal Track	LF	33	10%	36	0.025	\$ 30.00	\$ 0.75	\$ 1.52	\$ 2.27	\$ 81
92			Acoustical Sealant	LF	130	10%	143	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 129
93			Wall Type 3A: 6" Metal Stud Framed Smoke Partition	LF	393	H	12						
94			5/8" Type 'X' Gypsum Wall Board - Each Side With Sound Acoustical Treatment	SF	8215	10%	9037						
95			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	283	0%	283	0.305	\$ 30.00	\$ 9.15	\$ 16.99	\$ 26.14	\$ 7,398
96			Drywall Finishes - Tapping, Mudding	EA	9	0%	9	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 262
97			Tapping	LF	4112	10%	4523						
98			Mudding	LBS	435	10%	479						
99			Screws	EA	13584	0%	13584						
100			6" Metal Stud @ 16" OC	LF	3558	10%	3914	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 11,038
101			7/8" Resilient Furring Channel @ 24" OC	LF	2358	10%	2594	0.022	\$ 30.00	\$ 0.66	\$ 0.85	\$ 1.51	\$ 3,917
102			6" Top Metal Track	LF	393	10%	432	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 1,219
103			6" Bottom Metal Track	LF	393	10%	432	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 1,219
104			Glass Fiber Insulation	LF	4717	10%	5188	0.012	\$ 30.00	\$ 0.36	\$ 1.20	\$ 1.56	\$ 8,094
105			Acoustical Sealant	LF	1572	10%	1729	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 1,557
106			Wall Type 3A: 6" Metal Stud Framed Smoke Partition	LF	13	H	12						
107			5/8" Type 'X' Gypsum Wall Board - Each Side With Sound Acoustical Treatment	SF	154	10%	169						
108			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	6	0%	6	0.305	\$ 30.00	\$ 9.15	\$ 16.99	\$ 26.14	\$ 157
109			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
110			Tapping	LF	80	10%	88						
111			Mudding	LBS	8	10%	9						
112			Screws	EA	288	0%	288						
113			5/8" Moisture Resistant Gypsum Wall Board - Other Side	SF	154	10%	169						
114			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	6	0%	6	0.305	\$ 30.00	\$ 9.15	\$ 17.45	\$ 26.60	\$ 160
115			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29
116			Tapping	LF	80	10%	88						
117			Mudding	LBS	8	10%	9						
118			Screws	EA	288	0%	288						
119			6" Metal Stud @ 16" OC	LF	128	10%	140	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 396
120			7/8" Resilient Furring Channel @ 24" OC	LF	77	10%	85	0.022	\$ 30.00	\$ 0.66	\$ 0.85	\$ 1.51	\$ 128
121			6" Top Metal Track	LF	13	10%	14	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 40
122			6" Bottom Metal Track	LF	13	10%	14	0.028	\$ 30.00	\$ 0.84	\$ 1.98	\$ 2.82	\$ 40
123			Glass Fiber Insulation	LF	154	10%	169	0.012	\$ 30.00	\$ 0.36	\$ 1.20	\$ 1.56	\$ 264
124			Acoustical Sealant	LF	51	10%	56	0.015	\$ 30.00	\$ 0.45	\$ 0.45	\$ 0.90	\$ 51
125			Wall Type 3B: 3-5/8" Metal Stud Framed Smoke Partition	LF	23	H	12						
126			5/8" Type 'X' Gypsum Wall Board - Each Side With Sound Acoustical Treatment	SF	556	10%	612						
127			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	20	0%	20	0.305	\$ 30.00	\$ 9.15	\$ 16.99	\$ 26.14	\$ 523
128			Drywall Finishes - Tapping, Mudding	EA	1	0%	1	0.388	\$ 30.00	\$ 11.64	\$ 17.50	\$ 29.14	\$ 29

A-120-A130

Walls Details
/A130

187			Paint: Paint @ Doors - 1 Coat of Primer - 2 Coat of Paint	SF	1680	10%	1848	0.035	\$ 32.00	\$ 1.12	\$ 0.68	\$ 1.80	\$ 3,326
			PAINT @ DOOR TRIMS										
188			Paint: Paint @ Door Trims - 1 Coat of Primer - 2 Coat of Paint	LF	687	10%	756	0.010	\$ 32.00	\$ 0.32	\$ 0.28	\$ 0.60	\$ 453
			PAINT @ DOOR FRAMES										

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189			Paint: Paint @ Metal Door Frames - 1 Coat of Primer - 2 Coat of Paint <i>Note: Paint Details Are Missing On Plans. Please Verify Accordingly.</i>	LF	1374	10%	1511	0.015	\$ 32.00	\$ 0.48	\$ 0.40	\$ 0.88	\$ 1,330
SUBTOTAL \$ 275,840													

SPECIALTIES

BATH ACCESSORIES													
190			18" Long Grab Bar	EA	10	0%	10	0.320	\$ 30.00	\$ 9.60	\$ 32.65	\$ 42.25	\$ 423
191			36" Long Grab Bar	EA	20	0%	20	0.400	\$ 30.00	\$ 12.00	\$ 41.98	\$ 53.98	\$ 1,080
192			Toilet Paper Dispenser	EA	10	0%	10	0.452	\$ 30.00	\$ 13.56	\$ 48.95	\$ 62.51	\$ 625
193			Soap Dispenser	EA	10	0%	10	0.500	\$ 30.00	\$ 15.00	\$ 56.50	\$ 71.50	\$ 715
194			Towel Bar	EA	10	0%	10	0.365	\$ 30.00	\$ 10.95	\$ 41.65	\$ 52.60	\$ 526
195			Coat Hook	EA	10	0%	10	0.120	\$ 30.00	\$ 3.60	\$ 11.20	\$ 14.80	\$ 148
196			Napkin Disposal	EA	5	0%	5	0.352	\$ 30.00	\$ 10.56	\$ 45.65	\$ 56.21	\$ 281
197			2'-0"x3'-0" Vanity Mirror	EA	10	0%	10	0.365	\$ 30.00	\$ 16.95	\$ 132.65	\$ 149.60	\$ 1,496
			<i>Note: Bath Accessories Details Are Missing On Plans. Please Verify Accordingly.</i>										
SUBTOTAL \$ 5,743													
INTERIOR SIGNAGE													
198			Restroom Signage - Barile Character & Pictorial Symbol Sign	EA	10	0%	10	0.412	\$ 30.00	\$ 12.36	\$ 32.65	\$ 45.01	\$ 450
SUBTOTAL \$ 5,743													

EQUIPMENT

KITCHEN EQUIPMENT													
199			Refrigerator	EA	2	0%	2	2.650	\$ 30.00	\$ 79.50	\$ 1,320.25	\$ 1,399.75	\$ 2,800
200			Microwave Oven	EA	1	0%	1	1.500	\$ 30.00	\$ 45.00	\$ 485.65	\$ 530.65	\$ 531
			<i>Note: Equipment Details Are Missing On Plans. Please Verify Accordingly.</i>										
SUBTOTAL \$ 3,330													

FURNISHING

COUNTER TOP & BACK SPLASH													
COUNTER TOP													
201			Countertop	SF	67	10%	74	0.350	\$ 30.00	\$ 10.50	\$ 69.00	\$ 79.50	\$ 5,859
BACK SPLASH													
202			4" H Backsplash	LF	34	10%	37	0.052	\$ 30.00	\$ 1.56	\$ 6.32	\$ 7.88	\$ 295
			<i>Note: Details Are Missing On Plans. Please Verify Accordingly.</i>										
SUBTOTAL \$ 6,154													

PLUMBING

COLD WATER PIPE (ABOVE GRADE)													
Type "L" Hard Drawn Copper Pipe													
203			1/2" Dia Cold Water Pipe	LF	358	10%	394	0.099	\$ 49.30	\$ 4.88	\$ 3.69	\$ 8.57	\$ 3,375.61
204			3/4" Dia Cold Water Pipe	LF	73	10%	80	0.105	\$ 49.30	\$ 5.18	\$ 5.40	\$ 10.58	\$ 844.76
205			1-1/2" Dia Cold Water Pipe	LF	8	10%	9	0.132	\$ 49.30	\$ 6.51	\$ 11.52	\$ 18.03	\$ 159.63
3/4" Thick Fiberglass Insulation													
206			1/2" Dia Cold Water Pipe	LF	358	10%	394	0.035	\$ 49.30	\$ 1.73	\$ 2.18	\$ 3.91	\$ 1,538.20
207			3/4" Dia Cold Water Pipe	LF	73	10%	80	0.039	\$ 49.30	\$ 1.92	\$ 2.40	\$ 4.32	\$ 345.26
208			1-1/2" Dia Cold Water Pipe	LF	8	10%	9	0.045	\$ 49.30	\$ 2.22	\$ 3.25	\$ 5.47	\$ 48.42
COLD WATER PIPE FITTINGS													
ELBOW													
209			1/2" Dia Cold Water Pipe 90 Degree Elbow	EA	26	0%	26	0.215	\$ 49.30	\$ 10.60	\$ 2.85	\$ 13.45	\$ 349.69
210			3/4" Dia Cold Water Pipe 90 Degree Elbow	EA	14	0%	14	0.298	\$ 49.30	\$ 14.69	\$ 3.92	\$ 18.61	\$ 260.56
TEE													
211			1/2" Dia Cold Water Pipe Tee	EA	15	0%	15	0.320	\$ 49.30	\$ 15.78	\$ 5.10	\$ 20.88	\$ 313.14
REDUCER													
212			1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	12	0%	12	0.320	\$ 49.30	\$ 15.78	\$ 5.10	\$ 20.88	\$ 250.51
213			1/2" / 1-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.455	\$ 49.30	\$ 22.43	\$ 13.20	\$ 35.63	\$ 35.63
HOT WATER PIPE (ABOVE GRADE)													
Type "L" Hard Drawn Copper Pipe													
214			1/2" Dia Hot Water Pipe	LF	569	10%	626	0.099	\$ 49.30	\$ 4.88	\$ 3.69	\$ 8.57	\$ 5,364.02
215			3/4" Dia Hot Water Pipe	LF	11	10%	12	0.105	\$ 49.30	\$ 5.18	\$ 5.40	\$ 10.58	\$ 124.83
1" Thick Fiberglass Insulation													
216			1/2" Dia Hot Water Pipe	LF	569	10%	626	0.035	\$ 49.30	\$ 1.73	\$ 2.18	\$ 3.91	\$ 2,444.28
217			3/4" Dia Hot Water Pipe	LF	11	10%	12	0.039	\$ 49.30	\$ 1.92	\$ 2.40	\$ 4.32	\$ 31.02
HOT WATER PIPE FITTINGS													
ELBOW													
218			1/2" Dia Hot Water Pipe 90 Degree Elbow	EA	44	0%	44	0.215	\$ 49.30	\$ 10.60	\$ 2.85	\$ 13.45	\$ 591.78
219			3/4" Dia Hot Water Pipe 90 Degree Elbow	EA	2	0%	2	0.298	\$ 49.30	\$ 14.69	\$ 3.92	\$ 18.61	\$ 37.22
TEE													
220			1/2" Dia Hot Water Pipe Tee	EA	11	0%	11	0.320	\$ 49.30	\$ 15.78	\$ 5.10	\$ 20.88	\$ 229.64
REDUCER													
221			1/2" / 3/4" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.320	\$ 49.30	\$ 15.78	\$ 5.10	\$ 20.88	\$ 41.75
WASTE PIPE (BELOW GRADE)													
Cast Iron Pipe													
222			1-1/4" Dia Waste Pipe	LF	15	10%	16	0.210	\$ 49.30	\$ 10.35	\$ 13.25	\$ 23.60	\$ 385.04
223			2" Dia Waste Pipe	LF	40	10%	44	0.240	\$ 49.30	\$ 11.83	\$ 15.98	\$ 27.81	\$ 1,219.44
224			3" Dia Waste Pipe	LF	98	10%	108	0.250	\$ 49.30	\$ 12.33	\$ 20.00	\$ 32.33	\$ 3,483.57
225			4" Dia Waste Pipe	LF	245	10%	269	0.276	\$ 49.30	\$ 13.59	\$ 26.00	\$ 39.59	\$ 10,663.06
WASTE PIPE FITTINGS													
ELBOW													
226			2" Dia Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.752	\$ 49.30	\$ 37.07	\$ 65.32	\$ 102.39	\$ 307.18
227			3" Dia Waste Pipe 90 Deg Elbow	EA	20	0%	20	0.895	\$ 49.30	\$ 44.12	\$ 74.25	\$ 118.37	\$ 2,367.47
228			4" Dia Waste Pipe 90 Deg Elbow	EA	3	0%	3	1.250	\$ 49.30	\$ 61.63	\$ 91.45	\$ 153.08	\$ 459.23
229			1-1/4" Dia Waste Pipe 45 Deg Elbow	EA	10	0%	10	0.652	\$ 49.30	\$ 32.14	\$ 58.20	\$ 90.34	\$ 903.44
230			2" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2	0.752	\$ 49.30	\$ 37.07	\$ 65.32	\$ 102.39	\$ 204.79
231			3" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5	0.895	\$ 49.30	\$ 44.12	\$ 74.25	\$ 118.37	\$ 591.87

232		3" Dia Waste Pipe 45 Deg Elbow	EA	24	0%	24	0.895	\$ 49.30	\$ 44.12	\$ 74.25	\$ 118.37	\$ 2,840.96
233		4" Dia Waste Pipe 45 Deg Elbow	EA	8	0%	8	1.250	\$ 49.30	\$ 61.63	\$ 91.43	\$ 153.08	\$ 1,224.60
234		WYE										
235		2" Dia Waste Pipe Wye	EA	22	0%	22	0.985	\$ 49.30	\$ 48.56	\$ 98.50	\$ 147.06	\$ 3,235.33
236		3" Dia Waste Pipe Wye	EA	8	0%	8	1.330	\$ 49.30	\$ 65.08	\$ 120.25	\$ 185.33	\$ 1,482.61
237		3" Dia Waste Pipe Wye	EA	1	0%	1	0.985	\$ 49.30	\$ 48.56	\$ 98.50	\$ 147.06	\$ 147.06
238		4" Dia Waste Pipe Wye	EA	5	0%	5	1.330	\$ 49.30	\$ 65.08	\$ 120.25	\$ 185.33	\$ 926.63
239		4" Dia Waste Pipe Wye	EA	2	0%	2	1.320	\$ 49.30	\$ 65.08	\$ 120.25	\$ 185.33	\$ 370.65
239		4" Dia Waste Pipe Wye	EA	12	0%	12	1.320	\$ 49.30	\$ 65.08	\$ 120.25	\$ 185.33	\$ 2,223.91
		REDUCER										

DETAILED BREAKDOWN OF ITEMS

Prepared for: **ILM Academy INC Learning Center 30 Mansell CT, Roswell GA 30076 Fulton County**
 Project ID:
 Scope:

 Date: **13-May-25**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MAN/HR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
240			2" / 1-1/2" Dia Waste Pipe Reducer	EA	4	0%	4	0.985	\$ 49.30	\$ 48.56	\$ 75.62	\$ 124.18	\$ 496.72
241			3" / 1-1/4" Dia Waste Pipe Reducer	EA	3	0%	3	0.985	\$ 49.30	\$ 48.56	\$ 98.50	\$ 147.06	\$ 441.18
242			3" / 2" Dia Waste Pipe Reducer	EA	2	0%	2	0.985	\$ 49.30	\$ 48.56	\$ 98.50	\$ 147.06	\$ 294.12
243			4" / 1-1/4" Dia Waste Pipe Reducer	EA	1	0%	1	1.320	\$ 49.30	\$ 65.08	\$ 120.25	\$ 185.33	\$ 185.33
244			4" / 3" Dia Waste Pipe Reducer	EA	4	0%	4	1.320	\$ 49.30	\$ 65.08	\$ 120.25	\$ 185.33	\$ 741.30
			WASTE PIPE (ABOVE GRADE)										
			Cast Iron Pipe										
245			1-1/4" Dia Waste Pipe	LF	29	10%	31	0.140	\$ 49.30	\$ 6.90	\$ 14.50	\$ 21.40	\$ 673.78
246			1-1/2" Dia Waste Pipe	LF	17	10%	18	0.168	\$ 49.30	\$ 8.28	\$ 16.20	\$ 24.48	\$ 450.28
			WASTE PIPE FITTINGS										
			ELBOW										
247			1-1/4" Dia Waste Pipe 90 Deg Elbow	EA	9	0%	9	0.620	\$ 49.30	\$ 30.57	\$ 52.32	\$ 82.89	\$ 745.97
248			1-1/2" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5	0.620	\$ 49.30	\$ 30.57	\$ 52.32	\$ 82.89	\$ 414.43
249			1-1/4" Dia Waste Pipe 45 Deg Elbow	EA	9	0%	9	0.588	\$ 49.30	\$ 28.99	\$ 48.41	\$ 77.40	\$ 696.59
			WYE										
250			1-1/2" Dia Waste Pipe Wye	EA	5	0%	5	0.688	\$ 49.30	\$ 33.92	\$ 61.32	\$ 95.24	\$ 476.19
251			1-1/4" Dia Waste Pipe Wye	EA	9	0%	9	0.652	\$ 49.30	\$ 32.14	\$ 56.25	\$ 88.39	\$ 795.54
			VENT PIPE (ABOVE GRADE)										
			Cast Iron Pipe										
252			2" Dia Vent Pipe	LF	220	10%	242	0.240	\$ 49.30	\$ 11.83	\$ 15.98	\$ 27.81	\$ 6,741.52
253			3" Dia Vent Pipe	LF	237	10%	261	0.250	\$ 49.30	\$ 12.33	\$ 20.00	\$ 32.33	\$ 8,435.31
			VENT PIPE FITTINGS										
			ELBOW										
254			2" Dia Vent Pipe 90 Deg Elbow	EA	8	0%	8	0.752	\$ 49.30	\$ 37.07	\$ 65.32	\$ 102.39	\$ 819.15
255			3" Dia Vent Pipe 90 Deg Elbow	EA	12	0%	12	0.895	\$ 49.30	\$ 44.12	\$ 74.25	\$ 118.37	\$ 1,420.48
			TEE										
256			2" Dia Vent Pipe Tee	EA	3	0%	3	0.820	\$ 49.30	\$ 40.43	\$ 71.45	\$ 111.88	\$ 335.63
257			3" Dia Vent Pipe Tee	EA	10	0%	10	0.985	\$ 49.30	\$ 48.56	\$ 98.50	\$ 147.06	\$ 1,470.61
			REDUCER										
258			2" / 1-1/2" Dia Vent Pipe Reducer	EA	4	0%	4	0.820	\$ 49.30	\$ 40.43	\$ 71.45	\$ 111.88	\$ 447.50
259			2" / 1-1/4" Dia Vent Pipe Reducer	EA	1	0%	1	0.820	\$ 49.30	\$ 40.43	\$ 71.45	\$ 111.88	\$ 111.88
			PLUMBING FIXTURES										
260	P101 & P102		1: Water Closet, ADA Accessible Fixture and Accessories. Notes: 2. MCGUIRE HEAVY LAVATORY SUPPLY STOP #H216SCCLK W/ Chrome Riser Tube (Typ. 2) or MCGUIRE HEAVY CLOSET SUPPLY STOP #H2166CCLK W/ Chrome Riser Tube. 3. Fixtures Shall Have The Maximum Flow Rates Of Water Closet: 1.28 Gallon Per Flush, Lavatory: 0.5 Gallon Per Minute, Kitchen Sink: 2.0 Gallon Per Minute. 5. Final Connection by Plumbing Contractor.	EA	10	0%	10	2.200	\$ 49.30	\$ 108.46	\$ 535.90	\$ 644.36	\$ 6,443.60
261			2: Lavatory, ADA Accessible Fixture and Accessories. Notes: 1. CRANE CAST BRASS P-Trap #JJ 8-5270 (Size As Required) P-Traps in Concealed Spaces May Be PVC. 2. MCGUIRE HEAVY LAVATORY SUPPLY STOP #H216SCCLK W/ Chrome Riser Tube (Typ. 2) or MCGUIRE HEAVY CLOSET SUPPLY STOP #H2166CCLK W/ Chrome Riser Tube. 3. Fixtures Shall Have The Maximum Flow Rates Of Water Closet: 1.28 Gallon Per Flush, Lavatory: 0.5 Gallon Per Minute, Kitchen Sink: 2.0 Gallon Per Minute. 4. TRUEBRO LAV-GUARD, MODEL AS REQUIRED FOR P-TRAP And Angle Stops W/ Supplies Assemblies. 5. Final Connection by Plumbing Contractor.	EA	10	0%	10	1.850	\$ 49.30	\$ 91.21	\$ 635.54	\$ 726.75	\$ 7,267.45
262			3: Kitchen Sink, ADA Accessible Fixture and Accessories. Notes: 1. CRANE CAST BRASS P-Trap #JJ 8-5270 (Size As Required) P-Traps in Concealed Spaces May Be PVC. 2. MCGUIRE HEAVY LAVATORY SUPPLY STOP #H216SCCLK W/ Chrome Riser Tube (Typ. 2) or MCGUIRE HEAVY CLOSET SUPPLY STOP #H2166CCLK W/ Chrome Riser Tube. 3. Fixtures Shall Have The Maximum Flow Rates Of Water Closet: 1.28 Gallon Per Flush, Lavatory: 0.5 Gallon Per Minute, Kitchen Sink: 2.0 Gallon Per Minute. 4. TRUEBRO LAV-GUARD, MODEL AS REQUIRED FOR P-TRAP And Angle Stops W/ Supplies Assemblies. 5. Final Connection by Plumbing Contractor.	EA	1	0%	1	2.150	\$ 49.30	\$ 106.00	\$ 598.62	\$ 704.62	\$ 704.62
263			4: BI-Level Drinking Fountain, ADA Accessible Fixture and Accessories. Notes: 5. Final Connection by Plumbing Contractor.	EA	2	0%	2	2.650	\$ 49.30	\$ 130.65	\$ 1,821.52	\$ 1,952.17	\$ 3,904.33
264			5: Hand Sink, ADA Accessible Fixture and Accessories. Notes: 1. CRANE CAST BRASS P-Trap #JJ 8-5270 (Size As Required) P-Traps in Concealed Spaces May Be PVC. 2. MCGUIRE HEAVY LAVATORY SUPPLY STOP #H216SCCLK W/ Chrome Riser Tube (Typ. 2) or MCGUIRE HEAVY CLOSET SUPPLY STOP #H2166CCLK W/ Chrome Riser Tube. 3. Fixtures Shall Have The Maximum Flow Rates Of Water Closet: 1.28 Gallon Per Flush, Lavatory: 0.5 Gallon Per Minute, Kitchen Sink: 2.0 Gallon Per Minute. 4. TRUEBRO LAV-GUARD, MODEL AS REQUIRED FOR P-TRAP And Angle Stops W/ Supplies Assemblies. 5. Final Connection by Plumbing Contractor.	EA	2	0%	2	2.100	\$ 49.30	\$ 103.53	\$ 498.62	\$ 602.15	\$ 1,204.30
			WATER HEATER										
265			8" H.P. Electric Water Heater, D18E-22-13, 30 Gallons, 15 KW. Notes:	EA	1	0%	1	3.650	\$ 49.30	\$ 179.95	\$ 4,335.98	\$ 4,515.93	\$ 4,515.93
			WATER HEATER DETAIL										
266			1/2" Dia Back Flow Preventer	EA	1	0%	1	1.250	\$ 49.30	\$ 61.63	\$ 585.62	\$ 647.25	\$ 647.25
267			1/2" Dia Ball Valve	EA	3	0%	3	0.388	\$ 49.30	\$ 19.13	\$ 11.85	\$ 30.98	\$ 92.94

268	1/2" Dia Pressure Gauge	EA	1	0%	1	0.452	\$ 49.30	\$ 22.28	\$ 21.25	\$ 43.53	\$ 43.53	
269	1/2" Dia Shut off Valve	EA	1	0%	1	0.355	\$ 49.30	\$ 17.50	\$ 16.98	\$ 34.48	\$ 34.48	
270	1/2" Dia Strainer	EA	1	0%	1	0.420	\$ 49.30	\$ 20.71	\$ 32.65	\$ 53.36	\$ 53.36	
271	1/2" Dia Trap Primer	EA	1	0%	1	0.320	\$ 49.30	\$ 15.78	\$ 52.50	\$ 68.28	\$ 68.28	
272	1/2" Dia Union	EA	2	0%	2	0.320	\$ 49.30	\$ 15.78	\$ 12.68	\$ 28.46	\$ 56.91	
273	3/4" Dia Ball Valve	EA	2	0%	2	0.400	\$ 49.30	\$ 19.72	\$ 32.65	\$ 52.37	\$ 104.74	
274	3/4" Dia Tamper and Relief Valve	EA	1	0%	1	0.620	\$ 49.30	\$ 30.57	\$ 102.65	\$ 133.22	\$ 133.22	
275	3/4" Dia Unions	EA	2	0%	2	0.320	\$ 49.30	\$ 15.78	\$ 21.25	\$ 37.03	\$ 74.05	
276	3/4" Dia Vacuum Relief Valve	EA	1	0%	1	0.500	\$ 49.30	\$ 24.65	\$ 102.25	\$ 126.90	\$ 126.90	
277	Thermal Expansion Tank, AMTROL ST-12	EA	1	0%	1	1.200	\$ 49.30	\$ 59.16	\$ 147.25	\$ 206.41	\$ 206.41	
PUMP												

DETAILED BREAKDOWN OF ITEMS

Prepared for: ILM Academy INC Learning Center 30 Mansell CT, Roswell GA 30076 Fulton County
 Project ID:
 Scope: G.C



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
278		Schedule Not Given	Recirculation Pump	EA	1	0%	1	1.850	\$ 49.30	\$ 91.21	\$ 298.25	\$ 389.46	\$ 389.46
MISCELLANEOUS													
CLEANOUT & DRAINS													
279			4" Dia CO: Cleanout	EA	3	0%	3	0.985	\$ 49.30	\$ 48.56	\$ 132.25	\$ 180.81	\$ 542.43
280			3" Dia FD: Floor Drain	EA	11	0%	11	0.752	\$ 49.30	\$ 37.07	\$ 102.65	\$ 139.72	\$ 1,536.96
VALVES													
281			1/2" Dia Ball Valve	EA	19	0%	19	0.298	\$ 49.30	\$ 14.69	\$ 11.25	\$ 25.94	\$ 492.89
282			3/4" Dia Ball Valve	EA	10	0%	10	0.352	\$ 49.30	\$ 17.35	\$ 15.62	\$ 32.97	\$ 329.74
NO-HUB COUPLING													
283			1-1/4" Dia	EA	93	0%	93	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
284			1-1/2" Dia	EA	33	0%	33	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
285			2" Dia	EA	49	0%	49	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
286			3" Dia	EA	241	0%	241	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
287			4" Dia	EA	89	0%	89	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
PIPE SUPPORT													
288			1/2" Dia Adjustable Clevis Hanger	EA	154	0%	154	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
289			3/4" Dia Adjustable Clevis Hanger	EA	14	0%	14	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
290			1-1/4" Dia Adjustable Clevis Hanger	EA	5	0%	5	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
291			1-1/2" Dia Adjustable Clevis Hanger	EA	4	0%	4	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
292			2" Dia Adjustable Clevis Hanger	EA	22	0%	22	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
293			3" Dia Adjustable Clevis Hanger	EA	24	0%	24	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
294			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	177	0%	177	0.100	\$ 49.30	\$ 4.93	\$ 2.65	\$ 7.58	\$ 1,341.66
295			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	46	0%	46	0.120	\$ -	\$ -	\$ 3.20	\$ 3.20	\$ 147.20
TRENCHING & BACKFILLING													
296			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1194	0%	1194	0.100	\$ 49.30	\$ 4.93	\$ -	\$ 4.93	\$ 5,886.42
SUBTOTAL												\$ 111,985	

HVAC

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
FLEXIBLE DUCT													
297			6" Dia Flexible Duct	LF	63	10%	70	0.065	\$ 47.70	\$ 3.10	\$ 2.65	\$ 5.75	\$ 400.03
298			8" Dia Flexible Duct	LF	322	10%	375	0.078	\$ 47.70	\$ 3.72	\$ 2.98	\$ 6.70	\$ 3,849.53
299			10" Dia Flexible Duct	LF	98	10%	107	0.095	\$ 47.70	\$ 4.33	\$ 3.53	\$ 8.06	\$ 865.48
AIR DEVICES													
300			C: Return Air Grille, TITUS PAR, Face Size: 12"x12", 50 CFM, Finish	EA	8	0%	8	0.425	\$ 47.70	\$ 20.27	\$ 45.98	\$ 66.25	\$ 530.02
301			D: Return Air Grille, TITUS PAR, Face Size: 24"x24", Finish: White,	EA	26	0%	26	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 3,446.40
302			E: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 6"	EA	2	0%	2	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 265.11
303			E: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 6"	EA	1	0%	1	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 132.55
304			E: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 6"	EA	6	0%	6	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 795.32
305			F: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 8"	EA	14	0%	14	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 1,855.76
306			F: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 8"	EA	4	0%	4	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 530.22
307			F: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 8"	EA	10	0%	10	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 1,325.54
308			F: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 8"	EA	11	0%	11	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 1,458.09
309			G: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 10"	EA	2	0%	2	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 265.11
310			G: Supply Air Diffuser, TITUS PAS, Face Size: 24"x24", Neck Size: 10"	EA	1	0%	1	0.620	\$ 47.70	\$ 29.57	\$ 102.98	\$ 132.55	\$ 132.55
311			H: Linear Slot Diffuser, TITUSFL-20, Face Size: 4'-0" Long (1) 2-Inch	EA	1	0%	1	1.200	\$ 47.70	\$ 57.24	\$ 152.32	\$ 209.56	\$ 209.56
312			H: Linear Slot Diffuser, TITUSFL-20, Face Size: 4'-0" Long (1) 2-Inch	EA	18	0%	18	1.200	\$ 47.70	\$ 57.24	\$ 152.32	\$ 209.56	\$ 3,772.08
313			H: Linear Slot Diffuser, TITUSFL-20, Face Size: 4'-0" Long (1) 2-Inch	EA	22	0%	22	1.200	\$ 47.70	\$ 57.24	\$ 152.32	\$ 209.56	\$ 4,610.32
314			I: Linear Slot Diffuser, TITUSFL-20, Face Size: 4'-0" Long (1) 2-Inch	EA	13	0%	13	1.200	\$ 47.70	\$ 57.24	\$ 152.32	\$ 209.56	\$ 2,724.28
TERMINAL BOX													
315			PIU-1-0: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.250	\$ 47.70	\$ 59.63	\$ 625.00	\$ 684.63	\$ 684.63
316			PIU-1-3: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.380	\$ 47.70	\$ 65.83	\$ 625.00	\$ 690.83	\$ 690.83
317			PIU-1-4: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.380	\$ 47.70	\$ 65.83	\$ 715.25	\$ 781.08	\$ 781.08
318			PIU-1-5: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 715.25	\$ 791.57	\$ 791.57
319			PIU-1-6: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 715.25	\$ 791.57	\$ 791.57
320			PIU-1-7: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 712.25	\$ 788.57	\$ 788.57
321			PIU-1-8: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 712.25	\$ 788.57	\$ 788.57
322			PIU-1-9: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.380	\$ 47.70	\$ 65.83	\$ 625.00	\$ 690.83	\$ 690.83
323			PIU-1-10: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.380	\$ 47.70	\$ 65.83	\$ 625.00	\$ 690.83	\$ 690.83
324			PIU-1-11: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.380	\$ 47.70	\$ 65.83	\$ 625.00	\$ 690.83	\$ 690.83
325			PIU-1-12: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 712.25	\$ 788.57	\$ 788.57
326			PIU-1-13: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 712.25	\$ 788.57	\$ 788.57
327			PIU-1-14: Terminal Box, TRANE VPEF, Air Flow (CFM), MIN: 240, M	EA	1	0%	1	1.600	\$ 47.70	\$ 76.32	\$ 712.25	\$ 788.57	\$ 788.57
328	M102 & M103		VAV-1-1: Terminal Box, TRANE VCEF, Air Flow (CFM), MIN: 105, M	EA	1	0%	1	1.120	\$ 47.70	\$ 53.42	\$ 520.00	\$ 573.42	\$ 573.42
329			VAV-1-2: Terminal Box, TRANE VCEF, Air Flow (CFM), MIN: 165, M	EA	1	0%	1	1.250	\$ 47.70	\$ 59.63	\$ 625.00	\$ 684.63	\$ 684.63
EXHAUST FAN													
330			EF-1: Exhaust Fan, GREENHECK CSP-A510-VG, CFM: 200, S.P. W	EA	1	0%	1	2.980	\$ 47.70	\$ 142.15	\$ 1,259.85	\$ 1,402.00	\$ 1,402.00
331			EF-2: Exhaust Fan, GREENHECK CSP-A510-VG, CFM: 200, S.P. W	EA	1	0%	1	2.980	\$ 47.70	\$ 142.15	\$ 1,259.85	\$ 1,402.00	\$ 1,402.00
332			EF-3: Exhaust Fan, GREENHECK CSP-A510-VG, CFM: 200, S.P. W	EA	1	0%	1	1.200	\$ 47.70	\$ 57.24	\$ 120.25	\$ 177.49	\$ 177.49
333			EF-4: Exhaust Fan, GREENHECK SP-LP0810W, CFM: 50, S.P. WG:	EA	1	0%	1	1.200	\$ 47.70	\$ 57.24	\$ 120.25	\$ 177.49	\$ 177.49
DAMPERS													
334			6" Dia Volume Damper	EA	17	0%	17	0.752	\$ 47.70	\$ 35.87	\$ 71.25	\$ 107.12	\$ 1,821.05
335			8" Dia Volume Damper	EA	81	0%	81	0.900	\$ 47.70	\$ 42.93	\$ 81.45	\$ 124.38	\$ 10,074.78
336			10" Dia Volume Damper	EA	20	0%	20	0.952	\$ 47.70	\$ 45.41	\$ 98.62	\$ 144.03	\$ 2,880.61
337			12" Dia Volume Damper	EA	3	0%	3	0.988	\$ 47.70	\$ 47.13	\$ 108.65	\$ 155.78	\$ 467.33
338			14" Dia Volume Damper	EA	2	0%	2	1.200	\$ 47.70	\$ 57.24	\$ 120.50	\$ 177.74	\$ 355.48
339			6" Dia Smoke Damper	EA	1	0%	1	0.852	\$ 47.70	\$ 40.64	\$ 120.25	\$ 160.89	\$ 160.89
340			8" Dia Smoke Damper	EA	1	0%	1	0.985	\$ 47.70	\$ 46.98	\$ 135.32	\$ 182.30	\$ 182.30
341			10" Dia Smoke Damper	EA	1	0%	1	1.200	\$ 47.70	\$ 57.24	\$ 152.20	\$ 209.44	\$ 209.44
342			12" Dia Smoke Damper	EA	1	0%	1	1.350	\$ 47.70	\$ 64.40	\$ 165.20	\$ 229.60	\$ 229.60
343			20" Dia Smoke Damper	EA	1	0%	1	1.800	\$ 47.70	\$ 85.86	\$ 320.25	\$ 406.11	\$ 406.11
344			10"x10" Smoke Damper	EA	1	0%	1	1.200	\$ 47.70	\$ 57.24	\$ 109.50	\$ 166.74	\$ 166.74
345			16"x16" Smoke Damper	EA	1	0%	1	1.320	\$ 47.70	\$ 62.96	\$ 132.20	\$ 195.16	\$ 195.16

346		24"x24" Smoke Damper	EA	2	0%	2	1.650	\$ 47.70	\$ 78.71	\$ 169.00	\$ 247.71	\$ 495.41
347		30"x30" Smoke Damper	EA	1	0%	1	2.100	\$ 47.70	\$ 100.17	\$ 210.22	\$ 310.39	\$ 310.39
348		6" Dia Fire Damper	EA	1	0%	1	1.980	\$ 47.70	\$ 94.45	\$ 215.65	\$ 310.10	\$ 310.10
349		10" Dia Fire Damper	EA	3	0%	3	2.320	\$ 47.70	\$ 110.66	\$ 292.45	\$ 403.11	\$ 1,209.34
		DUCT WEIGHT										
350		Galvanized Sheet Metal Duct	LB	2980	10%	3278	0.080	\$ 47.70	\$ 3.82	\$ 1.25	\$ 5.07	\$ 16,604.10
		DUCT INSULATION										
351	Assumed	1-1/2" Thick Fiberglass Duct Insulation	SF	2458	10%	2704	0.038	\$ 47.70	\$ 1.81	\$ 2.52	\$ 4.33	\$ 11,713.33
		MISCELLANEOUS										
352		Temperature Sensor	EA	15	0%	15	0.785	\$ 47.70	\$ 37.44	\$ -	\$ 37.44	\$ 561.67
		DUCT SUPPORTS										

DETAILED BREAKDOWN OF ITEMS

Prepared for: ILM Academy INC Learning Center 30 Mansell CT, Roswell GA 30076 Fulton County
 Project ID:
 Scope: G.C



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
353			3/8" Threaded Rod	EA	182	0%	182	0.100	\$ 47.70	\$ 4.77	\$ 2.98	\$ 7.75	\$ 1,410.50
354			1" X 22 Ga. Strap	EA	91	0%	91	0.052	\$ 47.70	\$ 2.48	\$ 2.45	\$ 4.93	\$ 448.67
SUBTOTAL \$ 91,553													

ELECTRICAL

DISTRIBUTION													
			CONDUIT										
355			1/2" Dia EMT Conduit	LF	84	10%	92	0.045	\$ 52.12	\$ 2.35	\$ 1.20	\$ 3.55	\$ 327.59
356			3/4" Dia EMT Conduit	LF	1262	10%	1389	0.052	\$ 52.12	\$ 2.71	\$ 1.65	\$ 4.36	\$ 6,054.23
357			1" Dia EMT Conduit	LF	37	10%	41	0.058	\$ 52.12	\$ 3.02	\$ 2.41	\$ 5.43	\$ 221.12
			CONDUCTOR										
358			#12 CU THHN/THWN	LF	252	10%	278	0.007	\$ 52.12	\$ 0.36	\$ 0.25	\$ 0.61	\$ 170.72
359			#10 CU THHN/THWN	LF	3531	10%	3884	0.008	\$ 52.12	\$ 0.42	\$ 0.29	\$ 0.71	\$ 2,746.05
360			#8 CU THHN/THWN	LF	269	10%	296	0.009	\$ 52.12	\$ 0.47	\$ 0.68	\$ 1.15	\$ 340.51
361			#6 CU THHN/THWN	LF	961	10%	1057	0.010	\$ 52.12	\$ 0.52	\$ 0.88	\$ 1.40	\$ 1,480.96
362			#4 CU THHN/THWN	LF	73	10%	80	0.012	\$ 52.12	\$ 0.63	\$ 1.45	\$ 2.08	\$ 166.61
			LUGS										
363			Compression Lug CU With 1-Hole , #8 CU Wire	EA	6	0%	6	0.152	\$ 52.12	\$ 7.92	\$ 2.65	\$ 10.57	\$ 63.43
364			Heat Shrink Tubing for #8 CU Wire	EA	6	0%	6	0.050	\$ 52.12	\$ 2.61	\$ 0.85	\$ 3.46	\$ 20.74
365			Compression Lug CU With 1-Hole , #6 CU Wire	EA	28	0%	28	0.192	\$ 52.12	\$ 10.01	\$ 3.25	\$ 13.26	\$ 371.20
366			Heat Shrink Tubing for #6 CU Wire	EA	28	0%	28	0.065	\$ 52.12	\$ 3.39	\$ 0.98	\$ 4.37	\$ 122.30
367			Compression Lug CU With 1-Hole , #4 CU Wire	EA	4	0%	4	0.210	\$ 52.12	\$ 10.95	\$ 3.98	\$ 14.93	\$ 59.70
368			Heat Shrink Tubing for #4 CU Wire	EA	4	0%	4	0.100	\$ 52.12	\$ 5.21	\$ 1.20	\$ 6.41	\$ 25.65
			CIRCUIT BREAKER										
369			1P/20A Breaker	EA	55	0%	55	0.252	\$ 52.12	\$ 13.13	\$ 21.25	\$ 34.38	\$ 1,891.13
370			1P/40A Breaker	EA	1	0%	1	0.320	\$ 52.12	\$ 16.68	\$ 38.65	\$ 55.33	\$ 55.33
371			1P/50A Breaker	EA	8	0%	8	0.388	\$ 52.12	\$ 20.22	\$ 42.25	\$ 62.47	\$ 499.78
372			1P/60A Breaker	EA	1	0%	1	0.452	\$ 52.12	\$ 23.56	\$ 49.50	\$ 73.06	\$ 73.06
373			3P/20A Breaker	EA	2	0%	2	0.420	\$ 52.12	\$ 21.89	\$ 49.20	\$ 71.09	\$ 142.18
374			3P/30A Breaker	EA	4	0%	4	0.452	\$ 52.12	\$ 23.56	\$ 68.32	\$ 91.88	\$ 367.51
			PANEL										
375			Panel HVAC-1: 400A, 120/208V, 3Ph, 4W, Mains: MLO, 65KAIC, 84	EA	1	0%	1	8.000	\$ 52.12	\$ 416.96	\$ 4,266.60	\$ 4,683.56	\$ 4,683.56
376			Panel L-1: 150A, 120/208V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Pole	EA	1	0%	1	3.650	\$ 52.12	\$ 190.24	\$ 1,093.89	\$ 1,284.13	\$ 1,284.13
377			Panel L-1 (2): 100A, 120/208V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 P	EA	1	0%	1	3.100	\$ 52.12	\$ 161.57	\$ 785.62	\$ 947.19	\$ 947.19
			DEVICES										
378			1200A Utility Revenue Meter	EA	1	0%	1	8.000	\$ 52.12	\$ 416.96	\$ 8,497.25	\$ 8,914.21	\$ 8,914.21
			DISCONNECT SWITCH										
379			1P/20A Non Fused Disconnect Switch, SQAURE D	EA	1	0%	1	0.520	\$ 52.12	\$ 27.10	\$ 65.98	\$ 93.08	\$ 93.08
380			1P/20A Non Fused Disconnect Switch, SQAURE D	EA	1	0%	1	0.520	\$ 52.12	\$ 27.10	\$ 65.98	\$ 93.08	\$ 93.08
381			1P/40A Non Fused Disconnect Switch, SQAURE D	EA	1	0%	1	0.600	\$ 52.12	\$ 31.27	\$ 79.20	\$ 110.47	\$ 110.47
382			1P/50A Non Fused Disconnect Switch, SQAURE D	EA	7	0%	7	0.752	\$ 52.12	\$ 39.19	\$ 86.92	\$ 126.11	\$ 882.80
383			1P/60A Non Fused Disconnect Switch, SQAURE D	EA	1	0%	1	0.788	\$ 52.12	\$ 41.07	\$ 98.00	\$ 139.07	\$ 139.07
384			3P/20A Non Fused Disconnect Switch, SQAURE D	EA	1	0%	1	0.620	\$ 52.12	\$ 32.31	\$ 132.20	\$ 164.51	\$ 164.51
385			3P/30A Non Fused Disconnect Switch, SQAURE D	EA	3	0%	3	0.698	\$ 52.12	\$ 36.38	\$ 152.20	\$ 188.58	\$ 565.74
386			3P/30A Non Fused Motor Rated Disconnect Switch, SQAURE D	EA	1	0%	1	0.788	\$ 52.12	\$ 41.07	\$ 165.98	\$ 207.05	\$ 207.05
			POWER										
			CONDUIT										
387			1/2" EMT Conduit	LF	3821	10%	4203	0.045	\$ 52.12	\$ 2.35	\$ 1.20	\$ 3.55	\$ 14,901.67
388			3/4" PVC SCH 40 Conduit	LF	50	10%	55	0.062	\$ 52.12	\$ 3.23	\$ 0.96	\$ 4.19	\$ 230.53
			CONDUCTOR										
389			#12 CU THHN/THWN	LF	9672	10%	10639	0.007	\$ 52.12	\$ 0.36	\$ 0.25	\$ 0.61	\$ 6,541.49
390			#10 CU THHN/THWN	LF	1956	10%	2152	0.008	\$ 52.12	\$ 0.42	\$ 0.29	\$ 0.71	\$ 1,521.10
			DEVICE										
391			Duplex Receptacle	EA	111	0%	111	0.251	\$ 52.12	\$ 13.08	\$ 19.25	\$ 32.33	\$ 3,588.87
392			Countertop Duplex Receptacle, GH	EA	10	0%	10	0.320	\$ 52.12	\$ 16.68	\$ 32.68	\$ 49.36	\$ 493.58
393			Round Floor Box Mounted Duplex Receptacle	EA	3	0%	3	0.452	\$ 52.12	\$ 23.56	\$ 45.20	\$ 475.76	\$ 1,427.27
394			Countertop Duplex Receptacle	EA	6	0%	6	0.420	\$ 52.12	\$ 21.89	\$ 32.65	\$ 54.54	\$ 327.24
395			Single Pole Switch	EA	3	0%	3	0.252	\$ 52.12	\$ 13.13	\$ 5.32	\$ 18.45	\$ 55.36
396			Motor Rated Switch	EA	2	0%	2	0.620	\$ 52.12	\$ 32.31	\$ 85.62	\$ 117.93	\$ 235.87
			LIGHTING										
			CONDUIT										
397			3/4" EMT Conduit	LF	2335	10%	2569	0.052	\$ 52.12	\$ 2.71	\$ 1.65	\$ 4.36	\$ 11,200.24
			CONDUCTOR										
398			#12 CU THHN/THWN	LF	1724	10%	1897	0.007	\$ 52.12	\$ 0.36	\$ 0.25	\$ 0.61	\$ 1,166.05
399			#10 CU THHN/THWN	LF	353	10%	388	0.008	\$ 52.12	\$ 0.42	\$ 0.29	\$ 0.71	\$ 274.40
400			#8 CU THHN/THWN	LF	4929	10%	5421	0.009	\$ 52.12	\$ 0.47	\$ 0.68	\$ 1.15	\$ 6,229.56
			LIGHTING FIXTURES										
401			A: 2x4 Surface Mounted, LITHONIA OR APPROVED EQUAL Mounting: Surface Watts: 50W	EA	148	0%	148	0.820	\$ 52.12	\$ 42.74	\$ 128.65	\$ 171.39	\$ 25,365.48
402			AE: 2x4 LED Lighting Fixture With Emergency Battery Backup, LITHONIA OR APPROVED EQUAL Mounting: Surface Watts: 50W	EA	29	0%	29	0.992	\$ 52.12	\$ 51.70	\$ 162.00	\$ 213.70	\$ 6,197.39
403			B: 2x2 Surface Mounted, LITHONIA OR APPROVED EQUAL Mounting: Surface Watts: 30W	EA	16	0%	16	0.750	\$ 52.12	\$ 39.09	\$ 89.25	\$ 128.34	\$ 2,053.44
404			BE: Same As A With Emergency Battery Backup, LITHONIA OR APPROVED EQUAL Mounting: Surface Watts: 30W	EA	13	0%	13	0.882	\$ 52.12	\$ 45.97	\$ 132.25	\$ 178.22	\$ 2,316.86
405			C: Led Low Bay Lights. Provide Necessary Accessories For Mounting From Ceiling Structure, LITHONIA OR APPROVED EQUAL Mounting: Pendant Watts: 82W	EA	11	0%	11	1.250	\$ 52.12	\$ 65.15	\$ 305.98	\$ 371.13	\$ 4,082.43

E301, 401, E402 & E500

406		CE: Same As A With Emergency Battery Backup, LITHONIA OR APPROVED EQUAL Mounting: Pendant Watts: 82W	EA	5	0%	5	1.500	\$ 52.12	\$ 78.18	\$ 388.65	\$ 466.83	\$ 2,334.15
407		EM: Emergency Light With Battery Back Up, LITHONIA OR APPROVED EQUAL Mounting: Wall	EA	1	0%	1	0.895	\$ 52.12	\$ 46.65	\$ 85.62	\$ 132.27	\$ 132.27
408		R: 6" Aperture Led Down Lights, GOTHAM OR APPROVED EQUAL Mounting: Recessed Watts: 20W	EA	2	0%	2	0.980	\$ 52.12	\$ 51.08	\$ 247.85	\$ 298.93	\$ 597.86
409		RE: Same As A With Emergency Battery Backup, GOTHAM OR APPROVED EQUAL Mounting: Recessed Watts: 20W	EA	2	0%	2	1.020	\$ 52.12	\$ 53.16	\$ 320.25	\$ 373.41	\$ 746.82

DETAILED BREAKDOWN OF ITEMS

Prepared for: **ILM Academy INC Learning Center 30 Mansell CT. Roswell GA 30076 Fulton County**
 Project ID:
 Scope: **G.C**



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
410			X: Exit Sign With Battery Back Up Single Face Or Double Face Exit Sign Shall BE Mounted AS Indicated On The Drawing Directional Arrows As Indicated In The Drawing, LITHONIA OR APPROVED EQUAL Mounting: Wall Or Ceiling Mounted	EA	4	0%	4	0.855	\$ 52.12	\$ 44.56	\$ 120.65	\$ 165.21	\$ 660.85
LIGHTING CONTROL													
411			Single Pole Switch	EA	13	0%	13	0.185	\$ 52.12	\$ 9.64	\$ 4.85	\$ 14.49	\$ 188.40
412			Single Pole Occupancy Sensor With Vacant Dimmer Switch, Wall Mo	EA	23	0%	23	0.488	\$ 52.12	\$ 25.43	\$ 71.48	\$ 96.91	\$ 2,229.03
413			Three Way Switch	EA	11	0%	11	0.298	\$ 52.12	\$ 15.53	\$ 21.98	\$ 37.51	\$ 412.63
414			Four Way Switch	EA	1	0%	1	0.320	\$ 52.12	\$ 16.68	\$ 32.50	\$ 49.18	\$ 49.18
MISCELLANEOUS													
415			Junction Box	EA	3	0%	3	0.210	\$ 52.20	\$ 10.96	\$ 4.25	\$ 15.21	\$ 45.64
416			Saw Cut Saw Cut & Repair Concrete Floor For Conduit Installation	LF	30	0%	30	0.120	\$ 52.20	\$ 6.26	\$ -	\$ 6.26	\$ 313.20
												SUBTOTAL	\$ 129,204

COMMUNICATION

TELECOMMUNICATION													
CONDUIT													
417			3/4" EMT Conduit Upto Ceiling	LF	540	10%	594	0.052	\$ 52.12	\$ 2.71	\$ 1.65	\$ 4.36	\$ 2,589.98
418			3/4" PVC SCH 40 Conduit	LF	50	10%	55	0.062	\$ 52.12	\$ 3.23	\$ 0.96	\$ 4.19	\$ 230.53
CONDUCTOR													
419			CA16 Cable	LF	6740	10%	7414	0.006	\$ 52.12	\$ 0.31	\$ 0.45	\$ 0.76	\$ 5,654.81
J Hooks													
420			2" J Hooks	EA	91	0%	91	0.100	\$ 52.12	\$ 5.21	\$ 2.15	\$ 7.36	\$ 669.94
DEVICES													
421			Combination Telephone And Data Outlet	EA	33	0%	33	0.210	\$ 52.12	\$ 10.95	\$ 21.25	\$ 32.20	\$ 1,062.44
422			Round Floor Mounted Box Combination Telephone And Data Outlet	EA	3	0%	3	0.452	\$ 52.12	\$ 23.56	\$ 168.00	\$ 191.56	\$ 574.67
			Back Box	EA	36	0%	36	0.100	\$ 52.20	\$ 5.22	\$ 4.25	\$ 9.47	\$ 340.92
			Faceplate	EA	36	0%	36	0.085	\$ 52.20	\$ 4.44	\$ 2.98	\$ 7.42	\$ 267.01
			RJ45 Connector	EA	72	0%	72	0.100	\$ 52.20	\$ 5.22	\$ 2.65	\$ 7.87	\$ 566.64
												SUBTOTAL	\$ 11,957

PROJECTED COST \$799,084

OVERHEAD AND PROFIT 21% \$167,808

TAX 8% \$37,869

SUGGESTED BID \$1,004,761

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.