

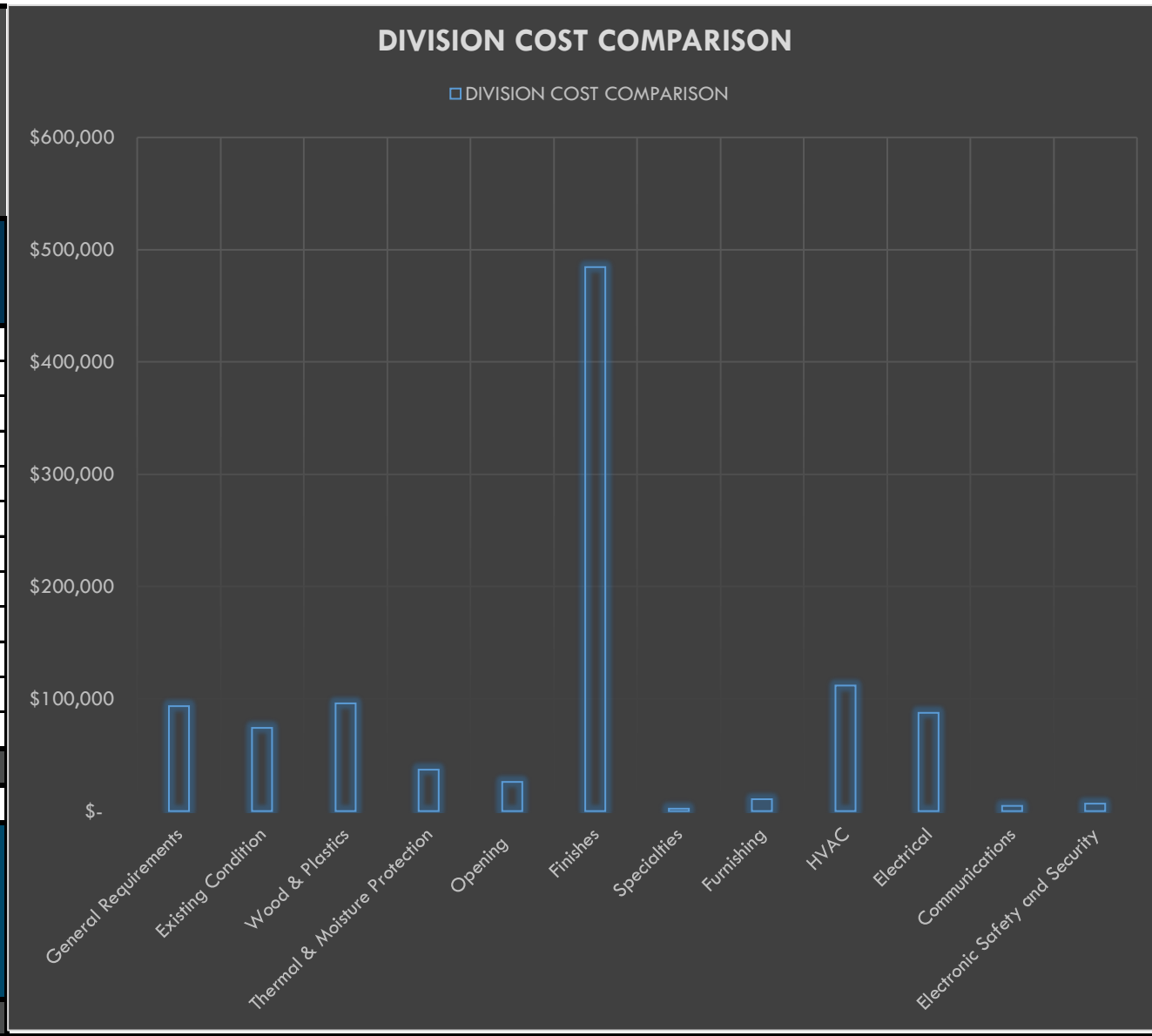
GENERAL SUMMARY

Prepared for:
 Project ID:
 Scope: G.C
 Date: 15-Nov-23



BUILDING GSF	70,752
Storage Shed (SF)	400
Classroom Building (SF)	25210
Gym & Cafeteria (SF)	24082
Music/Shop Wing (SF)	7835
Classroom 300 Wing (SF)	13225

DIVISION NO.	DESCRIPTION	CIVIL	MAIN BUILDING	MUSIC & SHOP BLDG	300 WING	GYMNASIUM	CAFETERIA	TOTAL DIV. COST
1000	General Requirements	\$ 93,300						\$ 93,300
2000	Existing Condition	\$ 59,083	\$ 2,088	\$ 3,003	\$ 7,069	\$ 956	\$ 1,950	\$ 74,149
6000	Wood & Plastics	\$ 95,996						\$ 95,996
7000	Thermal & Moisture Protection	\$ 36,858						\$ 36,858
8000	Opening	\$ 26,152						\$ 26,152
9000	Finishes	\$ 484,403						\$ 484,403
10000	Specialties	\$ 2,280						\$ 2,280
12000	Furnishing	\$ 10,354						\$ 10,354
23000	HVAC	\$ -	\$ 39,789			\$ 71,974		\$ 111,763
26000	Electrical	\$ -	\$ 706	\$ 25,768	\$ 61,232			\$ 87,707
27000	Communications	\$ -			\$ 4,778			\$ 4,778
28000	Electronic Safety and Security	\$ -			\$ 6,669			\$ 6,669
TOTAL TRADE COST		\$ 808,424	\$ 42,583	\$ 28,772	\$ 79,749	\$ 72,930	\$ 1,950	\$ 1,034,407
OVERHEAD AND PROFIT	15%	\$ 121,264	\$ 6,387	\$ 4,316	\$ 11,962	\$ 10,939	\$ 293	\$ 155,161
LABOUR BURDEN	22%	\$ 83,473	\$ 3,727	\$ 2,217	\$ 6,709	\$ 5,837	\$ -	\$ 101,963
INSURANCE	3%	\$ 24,253	\$ 1,277	\$ 863	\$ 2,392	\$ 2,188	\$ 59	\$ 31,032
CONTINGENCY	5%	\$ 40,421	\$ 2,129	\$ 1,439	\$ 3,987	\$ 3,646	\$ 98	\$ 51,720
TAX	9.95%	\$ 33,402	\$ 2,502	\$ 1,661	\$ 4,453	\$ 4,617	\$ -	\$ 46,634
TOTAL TRADE COST		\$ 1,111,237	\$ 58,606	\$ 39,267	\$ 109,253	\$ 100,157	\$ 2,399	\$ 1,420,919



DETAILED BREAKDOWN OF ITEMS

Prepared for:
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Date: 15-Nov-23

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	\$ -	\$ -	\$ -	\$ 2,800.00	\$ 2,800.00
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 18,000.00	\$ 18,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 4,000.00	\$ 4,000.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 45,000.00	\$ 45,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 12,000.00	\$ 12,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
UNIT PRICES													
8	Specs	Unit Price Form	Unfaced Batt Insulation, R-13	SF	20	0%	20	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
9			Metal Wall Stud	LF	10	0%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
10			Gypsum Sheathing	SF	20	0%	20	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
11			Installation of VCT Tiles	LF	10	0%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
12			Installation of Acoustical Tiles	SF	20	0%	20	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ 93,300
EXISTING CONDITIONS													
DEMOLITION													
STORAGE SHED													
13	A100	Note: 1	Remove Metal Roof, Flashing and Underlayment. Evaluate the Condition of Existing Deck and Report	SF	400	0%	400	0.040	\$ 52.00	\$ 2.08	\$ -	\$ 2.08	\$ 832.00
14		Note: 2	Remove 8' x 8' Over Head Door	EA	1	0%	1	2.250	\$ 52.00	\$ 117.00	\$ -	\$ 117.00	\$ 117.00
CLASSROOM:													
15	A101	Note 1/A101, Note 3/A101	Remove Damaged Window Pane (Approx. 5 SF Each) @ North And South Façade	EA	9	0%	9	0.585	\$ 52.00	\$ 30.42	\$ -	\$ 30.42	\$ 273.78
16		Note 2 & Finish Schedule/A101, Note 2/A104	Remove Vinyl Composite Tile Flooring <i>Note: Removal Of Wall Base Is Not Considered As Per Dwg. A104 As There Is No Wall Base Shown In The Pictures. Also, No Details Are Provided On Dwg. A101. Please VIF</i>	SF	20807	0%	20807	0.020	\$ 52.00	\$ 1.04	\$ -	\$ 1.04	\$ 21,639.28
17		Note 3/A101	Remove Window Blinds (Approx. 40 SF Each)	EA	46	0%	46	0.280	\$ 52.00	\$ 14.56	\$ -	\$ 14.56	\$ 669.76
MUSIC/SHOP													
18	A102	Note: 2	Remove Damaged Rubber Wall Base.	LF	1156	0%	1156	0.013	\$ 52.00	\$ 0.68	\$ -	\$ 0.68	\$ 781.46
19		Note: 3	Remove Damaged Portion of Plaster Wall	SF	13218	0%	13218	0.018	\$ 52.00	\$ 0.94	\$ -	\$ 0.94	\$ 12,372.05
20		Note: 4	Remove Existing Single Doors W/ Frames. Prep Opening To Receive New Doors	EA	9	0%	9	1.180	\$ 52.00	\$ 61.36	\$ -	\$ 61.36	\$ 552.24
21		Note: 7	Remove Damaged Choir Platform	SF	660	0%	660	0.028	\$ 52.00	\$ 1.46	\$ -	\$ 1.46	\$ 960.96
22		Note: 10	Remove Damaged Acoustical Ceiling Tiles. Grid to Remain, Protected/ Cleaned as Req'd.	SF	3835	0%	3835	0.016	\$ 52.00	\$ 0.83	\$ -	\$ 0.83	\$ 3,190.72
23		Note: 6	Remove Damaged Plaster Ceiling	SF	1810	0%	1810	0.022	\$ 52.00	\$ 1.14	\$ -	\$ 1.14	\$ 2,070.64
24		Note: 9/A102	Remove 2'-0" D x 3'-0" H Base Cabinets W/ Doors and Hardware	LF	9	0%	9	0.120	\$ 52.00	\$ 6.24	\$ -	\$ 6.24	\$ 56.16

DETAILED BREAKDOWN OF ITEMS

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25		9/A102	Remove 1'-0" D x 2'-6" H Base Cabinets W/ Doors and Hardware	LF	9	0%	9	0.100	\$ 52.00	\$ 5.20	\$ -	\$ 5.20	\$ 45.92	
26		10/A102	Remove 2'-0" D x 6'-0" H x 3'-6" L Lockers	EA	3	0%	3	0.425	\$ 52.00	\$ 22.10	\$ -	\$ 22.10	\$ 66.30	
27		6/A102	Remove 2'-0" D x 6'-30" H x 3'-6" L Lockers	EA	4	0%	4	0.425	\$ 52.00	\$ 22.10	\$ -	\$ 22.10	\$ 88.40	
28		7-8/A102	Remove 1'-6" D x 2'-6" H Base Cabinets W/ Doors and Hardware	LF	15	0%	15	0.110	\$ 52.00	\$ 5.72	\$ -	\$ 5.72	\$ 82.94	
29				Remove 1'-6" D Shelving W/ Side Panels	LF	52	0%	52	0.075	\$ 52.00	\$ 3.90	\$ -	\$ 3.90	\$ 202.80
30		4/A102		Remove 3'-0" D Shelving W/ Side Panels (7' H)	LF	70	0%	70	0.085	\$ 52.00	\$ 4.42	\$ -	\$ 4.42	\$ 309.40
31		5/A102		Remove 2'-0" D Shelving W/ Side Panels (6' H)	LF	40	0%	40	0.080	\$ 52.00	\$ 4.16	\$ -	\$ 4.16	\$ 166.40
GYM & CAFETERIA BUILDING:														
32	A103	Note 1/A103, Note 3/A101	Remove Damaged Window Pane (Approx. 5 SF Each) @ East Façade Of Cafeteria	EA	1	0%	1	0.585	\$ 52.00	\$ 30.42	\$ -	\$ 30.42	\$ 30.42	
33		Note 2 & Finish Schedule/A103	Remove Damaged Wood Parquet Flooring	SF	518	0%	518	0.022	\$ 52.00	\$ 1.14	\$ -	\$ 1.14	\$ 592.59	
34		Note 3 & Finish Schedule/A103	Repair And Seal 4'-6" x 3'-0" Smoke Vent @ Roof <i>Note: Vent Is Existing. GC To Repair And Make It Functional. Also, Verify The Size.</i>	EA	1	0%	1	0.895	\$ 52.00	\$ 46.54	\$ 0.16	\$ 46.70	\$ 46.70	
35		Note 4 & Finish Schedule/A103	Remove Damaged & Missing Acoustical Ceiling Tiles <i>Note: Grid To Remain</i>	SF	3883	0%	3883	0.020	\$ 52.00	\$ 1.04	\$ -	\$ 1.04	\$ 4,038.32	
CLASSROOM WING														
36	A102	Note: 2	Remove Damaged Rubber Wall Base.	LF	1516	0%	1516	0.013	\$ 52.00	\$ 0.68	\$ -	\$ 0.68	\$ 1,024.82	
37		Note: 9	Remove Damaged Portion of Gypsum Board Wall	SF	1300	0%	1300	0.018	\$ 52.00	\$ 0.94	\$ -	\$ 0.94	\$ 1,216.80	
38		Note: 4	Remove Existing Single Doors W/ Frames. Prep Opening To Receive New Doors	EA	1	0%	1	1.180	\$ 52.00	\$ 61.36	\$ -	\$ 61.36	\$ 61.36	
39		Note: 4	Remove Existing Double Doors W/ Frames. Prep Opening To Receive New Doors	EA	4	0%	4	1.350	\$ 52.00	\$ 70.20	\$ -	\$ 70.20	\$ 280.80	
40		Note: 8	Remove Damaged Tackboard/ Marker Boards	EA	6	0%	6	0.285	\$ 52.00	\$ 14.82	\$ -	\$ 14.82	\$ 88.92	
41		Note: 10	Remove Damaged Acoustical Ceiling Tiles. Grid to Remain, Protected/ Cleaned as Req'd.	SF	7634	0%	7634	0.016	\$ 52.00	\$ 0.83	\$ -	\$ 0.83	\$ 6,351.49	
42		Note: 6	Remove Damaged Plaster Ceiling	SF	360	0%	360	0.022	\$ 52.00	\$ 1.14	\$ -	\$ 1.14	\$ 411.84	
43		3/A102		Remove 2'-0" D x 9'-6" H Cupboard System	LF	74	0%	74	0.120	\$ 52.00	\$ 6.24	\$ -	\$ 6.24	\$ 460.70
	A101 - A103	G.Note 8/ A101 to A103	<i>Note: Please Check If There Exists Any Asbestos Or Other Material That May Be Deemed Hazardous</i>											
												SUBTOTAL \$ 59,083		
WOOD & PLASTIC														
FINISH CARPENTRY														
CHOIR PLATFORM														
MUSIC/SHOP														
44		Note: 7	Choir Platform W/ (3) 11" Tread and (4) 7" Riser <i>Note: Wood Species and Finished to Match Existing</i>	SF	660	10%	726	0.142	\$ 60.00	\$ 8.52	\$ 27.00	\$ 35.52	\$ 25,788	
PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS:														

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	
			MUSIC/SHOP											
45	A102	9/A102	3'- 0" H x 2'-0" D Base Cabinets W/ Door Panels & Hardware	LF	9	10%	10	0.525	\$ 60.00	\$ 31.50	\$ 585.00	\$ 616.50	\$ 6,103	
46		2'- 6" H x 1'-0" D Base Cabinets W/ Door Panels & Hardware	LF	9	10%	10	0.445	\$ 60.00	\$ 26.70	\$ 525.00	\$ 551.70	\$ 5,359		
47		10/A102	2'-0" D x 6'-0" H x 3'-6" L Lockers	EA	3	0%	3	1.850	\$ 60.00	\$ 111.00	\$ 2,050.00	\$ 2,161.00	\$ 6,483	
48		6/A102	2'-0" D x 6'-3" H x 3'-6" L Lockers	EA	4	0%	4	1.850	\$ 60.00	\$ 111.00	\$ 2,050.00	\$ 2,161.00	\$ 8,644	
49		7-8/A102	1'-6" D x 2'-6" H Base Cabinets W/ Doors Panels and Hardware	LF	15	10%	16	0.485	\$ 60.00	\$ 29.10	\$ 555.00	\$ 584.10	\$ 9,316	
50			1'-6" D Shelving W/ Side Panels (4' H)	LF	52	10%	57	0.200	\$ 60.00	\$ 12.00	\$ 85.00	\$ 97.00	\$ 5,548	
51		4/A102	3'-0" D Shelving W/ Side Panels (7' H)	LF	70	10%	77	0.250	\$ 60.00	\$ 15.00	\$ 125.00	\$ 140.00	\$ 10,780	
52		5/A102	2'-0" D Shelving W/ Side Panels (6' H)	LF	40	10%	44	0.220	\$ 60.00	\$ 13.20	\$ 118.00	\$ 131.20	\$ 5,773	
				CLASSROOM WING										
53				3/4" x 14" Adj. Shelves W/ Side Panels, Metal Standards and Bracket	LF	15	10%	16	0.180	\$ 60.00	\$ 10.80	\$ 68.00	\$ 78.80	\$ 1,257
54			3/A102	2'-0" x 7'-0" x 1 3/8" H.C. Doors -Painted Grade	EA	4	0%	4	2.350	\$ 60.00	\$ 141.00	\$ 685.00	\$ 826.00	\$ 3,304
55				2'-0" x 2'-6" x 1 3/8" H.C. Doors -Painted Grade	EA	4	100%	8	1.680	\$ 60.00	\$ 100.80	\$ 325.00	\$ 425.80	\$ 3,406
56			1'-6" D Shelving and Coat Hooks W/ Hardware	LF	15	10%	17	0.200	\$ 60.00	\$ 12.00	\$ 85.00	\$ 97.00	\$ 1,601	
			TRIMS:											
57		Plan Notes	MUSIC/SHOP Trims @ Interior Doors	LF	306	10%	337	0.013	\$ 60.00	\$ 0.78	\$ 4.25	\$ 5.03	\$ 1,693	
58			CLASSROOM WING Trims @ Interior Doors	LF	170	10%	187	0.013	\$ 60.00	\$ 0.78	\$ 4.25	\$ 5.03	\$ 941	
											SUBTOTAL \$ 95,996			
THERMAL & MOISTURE PROTECTION														
			THERMAL PROTECTION											
			THERMAL INSULATION											
			GYM & CAFETERIA BUILDING:											
59	A103	Note 4 & Finish Schedule/A103	6" Unfaced R-19 Batt Insulation Mfr: Utility- Saver- System or Approved Equal	SF	3883	10%	4271	0.012	\$ 62.00	\$ 0.74	\$ 0.98	\$ 1.72	\$ 7,364	
60	A102	Note 10 & Finish Schedule/A102	6" Unfaced R-19 Batt Insulation Mfr: Utility- Saver- System or Approved Equal	SF	3835	10%	4219	0.012	\$ 62.00	\$ 0.74	\$ 0.98	\$ 1.72	\$ 7,273	
61	A102	Note 10 & Finish Schedule/A102	6" Unfaced R-19 Batt Insulation Mfr: Utility- Saver- System or Approved Equal	SF	7634	10%	8397	0.012	\$ 62.00	\$ 0.74	\$ 0.98	\$ 1.72	\$ 14,477	
			ROOFING											
			FORMED METAL ROOF PANELS:											
			STORAGE SHED											
62	A100	Note: 1	24 Gauge Corrugated Metal Roof System Mfr: Advanced Architectural Product or Approved Equal (See Specs 074113.13-5)	SF	412	10%	454	0.045	\$ 62.00	\$ 2.79	\$ 10.50	\$ 13.29	\$ 6,028	
63			Underlayment	SF	412	10%	454	0.012	\$ 62.00	\$ 0.74	\$ 0.22	\$ 0.96	\$ 437	

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64			Sheet Metal Flashing	LF	97	10%	107	0.022	\$ 62.00	\$ 1.36	\$ 4.25	\$ 5.61	\$ 602		
JOINT SEALANT															
MUSIC/SHOP															
65	A102	3-4/A101	Flexible Sealant @ Doors Mfr: BASF Building Systems or Approved Equal (See Specs 079200-2)	LF	306	10%	337	0.012	\$ 62.00	\$ 0.74	\$ 0.55	\$ 1.29	\$ 436		
CLASSROOM WING															
66			Flexible Sealant @ Doors Mfr: BASF Building Systems or Approved Equal (See Specs 079200-2)	LF	170	10%	187	0.012	\$ 62.00	\$ 0.74	\$ 0.55	\$ 1.29	\$ 242		
												SUBTOTAL \$	36,858		

OPENINGS

DOOR & FRAME															
STORAGE SHED															
67	A100	Note: 2	Dimensions: 8'-0" x 8'-0" Door Type: Over Head Door Door Material: Wood - To Match Existing	EA	1	0%	1	6.890	\$ 60.00	\$ 413.40	\$ 2,390.00	\$ 2,803.40	\$ 2,803		
MUSIC/SHOP															
68	A102	Note : 4	Dimensions: 3'-0" x 7'-0" Door Type: Flush Solid Door Door Material: Wood Frame Material: Hollow Metal	EA	9	0%	9	2.340	\$ 60.00	\$ 140.40	\$ 825.00	\$ 965.40	\$ 8,689		
CLASSROOM WING															
69			Dimensions: 3'-0" x 7'-0" Door Type: Flush Solid Door Door Material: Wood Frame Material: Hollow Metal	EA	1	0%	1	2.340	\$ 60.00	\$ 140.40	\$ 825.00	\$ 965.40	\$ 965		
70			Dimensions: 3'-0" x 7'-0" Door Type: Cabinet Double Door Door Material: Wood Frame Material: Hollow Metal Flush Door Mfr: Marshfield- Algoma or Approved Equal (See Specs 081414-2)	EA	4	0%	4	2.480	\$ 60.00	\$ 148.80	\$ 855.00	\$ 1,003.80	\$ 4,015		
ALLOWANCE															
71	A102		Allowance For Door Hardware	EA	15	0%	15	1.220	\$ 60.00	\$ 73.20	\$ 385.00	\$ 458.20	\$ 6,873		
WINDOWS															
CLASSROOM BUILDING:															
72	A101	Note 1/A101, Note 3/A101	Window Pane (Approx. 5 SF Each) @ North And South Façade Note: To Match Existing	EA	9	0%	9	1.350	\$ 60.00	\$ 81.00	\$ 205.00	\$ 286.00	\$ 2,574		
GYM & CAFETERIA BUILDING:															

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73	A103	Note 1/A103, Note 3/A101	Window Pane (Approx. 4 SF Each) @ East Façade Of Cafeteria <i>Note: To Match Existing</i>	EA	1	0%	1	1.120	\$ 60.00	\$ 67.20	\$ 165.00	\$ 232.20	\$ 232
SUBTOTAL \$ 26,152													

FINISHES

GYPSUM BOARD													
MUSIC/SHOP													
Gypsum Plaster													
	A102	Note: 3	1 Layer of 5/8" Gypsum Plaster Board	SF	12714								
74			No. of Sheets (4 x 8)	EA	437	0%	437	0.250	\$ 48.00	\$ 12.00	\$ 0.92	\$ 12.92	\$ 5,647
75			Tapping	LF	6357	10%	6993	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 5,286
76			Mudding	LBS	661	10%	727	0.352	\$ 48.00	\$ 16.90	\$ 1.52	\$ 18.42	\$ 13,393
77			Screws	EA	20978	0%	20978	0.000	\$ 48.00	\$ -	\$ 0.12	\$ 0.12	\$ 2,517
78			Sealants @ All Penetrations	LF	2543	10%	2797	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 2,601
CLASSROOM WING													
Gypsum Board Sheathing													
	A102	Note: 9	1 Layer of 5/8" Gypsum Board Sheathing	SF	1300								
79			No. of Sheets (4 x 8)	EA	45	0%	45	0.250	\$ 48.00	\$ 12.00	\$ 0.92	\$ 12.92	\$ 577
80			Tapping	LF	650	10%	715	0.012	\$ 48.00	\$ 0.58	\$ 0.18	\$ 0.76	\$ 541
81			Mudding	LBS	68	10%	74	0.352	\$ 48.00	\$ 16.90	\$ 1.52	\$ 18.42	\$ 1,369
82			Screws	EA	2145	0%	2145	0.000	\$ 48.00	\$ -	\$ 0.12	\$ 0.12	\$ 257
83			Sealants @ All Penetrations	LF	260	10%	286	0.010	\$ 48.00	\$ 0.48	\$ 0.45	\$ 0.93	\$ 266
FLOORING & WALL BASE													
FLOORING:													
CLASSROOM BUILDING:													
84	A101	Note 2 & Finish Schedule/A101, Note 2/A104	Prepare Floor And Install Vinyl Composite Tile Flooring Mfr: Armstrong or Approved Equal (See Specs 096519-1) <i>Note: Color And Finish To Be Selected By Architect/Owner.</i>	SF	20807	10%	22888	0.085	\$ 52.00	\$ 4.42	\$ 2.15	\$ 6.57	\$ 150,372
MUSIC/SHOP													
85	A102	Note: 1	Prepare Floor And Install Vinyl Composite Tile Flooring Mfr: Armstrong or Approved Equal (See Specs 096519-1) <i>Note: Color And Finish To Be Selected By Architect/Owner.</i>	SF	5645	10%	6210	0.085	\$ 52.00	\$ 4.42	\$ 2.15	\$ 6.57	\$ 40,796
CLASSROOM WING													
86	A102	Note: 1	Prepare Floor And Install Vinyl Composite Tile Flooring Mfr: Armstrong or Approved Equal (See Specs 096519-1) <i>Note: Color And Finish To Be Selected By Architect/Owner.</i>	SF	12026	10%	13229	0.085	\$ 52.00	\$ 4.42	\$ 2.15	\$ 6.57	\$ 86,912

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95		Note 3 & Finish Schedule/A103	Prep, Prime and Paint @ Walls Mfr: Sherwin Williams or Equal (See Specs 099123-1)	SF	1300	10%	1430	0.025	\$ 62.00	\$ 1.55	\$ 0.92	\$ 2.47	\$ 3,532
			CEILING PAINT:										
			MUSIC/SHOP										
96	A102	Note 6 & Finish Schedule/A103	Prep, Prime and Paint @ Gypsum Ceiling Mfr: Sherwin Williams or Equal (See Specs 099123-1)	SF	1810	10%	1991	0.028	\$ 62.00	\$ 1.74	\$ 0.92	\$ 2.66	\$ 5,288
			DOOR PAINT:										
97	A102		Frame and Trim Paint	LF	714	10%	785	0.013	\$ 62.00	\$ 0.81	\$ 0.45	\$ 1.26	\$ 986
												SUBTOTAL \$ 484,403	

SPECIALTIES

TACKBOARDS													
CLASSROOM WING													
98	A102	Note: 8	4' W X 4' H Tackboards/ Marker Boards <i>Note: To Match Existing</i>	EA	7	0%	7	0.485	\$ 60.00	\$ 29.10	\$ 296.55	\$ 325.65	\$ 2,280
												SUBTOTAL \$ 2,280	

FURNISHING

WINDOW TREATEMENTS													
WINDOW BLINDS:													
CLASSROOM BUILDING:													
99	A101	Note 3/A101	Window Blinds (Approx. 40 SF Each) <i>Note: Sizes Are Not Given, Please Match Existing</i>	EA	46	0%	46	0.418	\$ 60.00	\$ 25.08	\$ 200.00	\$ 225.08	\$ 10,354
												SUBTOTAL \$ 10,354	

PROJECTED COST												\$808,424	
OVERHEAD AND PROFIT												15%	\$121,264
LABOUR BURDEN												22%	\$83,473
INSURANCE												3%	\$24,253
CONTINGENCY												5%	\$40,421
TAX												9.95%	\$33,402
SUGGESTED BID												\$1,111,237	

Note:

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

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
EXISTING CONDITIONS													
DEMOLITION													
1	M101, M102, M103 & E101		Existing Fan Coil Unit and Associated Duct Work And Grills To Be Remove	EA	2	0%	2	1.500	\$ 45.55	\$ 68.33	\$ -	\$ 68.33	\$ 136.65
2			Existing Hydronic Piping Located In This Room To Be Remove And Re-Insulate	LF	14	0%	14	0.400	\$ 45.55	\$ 18.22	\$ -	\$ 18.22	\$ 255.08
3			Existing Radiant Wall Heaters To Be Remove, Clean, Sanitize, And Re-install	EA	14	0%	14	1.000	\$ 45.55	\$ 45.55	\$ -	\$ 45.55	\$ 637.70
4			Remove Existing Wiring And Raceway Area: 519 SF	LS	1	0%	1	0.000	\$ 47.26	\$ -	\$ -	\$ 500.00	\$ 500.00
5			Existing 2x4 Flat Light Fixture Panel To Be Removed	EA	2	0%	2	0.325	\$ 47.26	\$ 15.36	\$ -	\$ 15.36	\$ 30.72
MAINTAINANCE													
6			Clean, Sanitize, And Service Fan Coil Unit	EA	18	0%	18	0.620	\$ 47.26	\$ 29.30	\$ -	\$ 29.30	\$ 527.42
												SUBTOTAL \$	2,088
HVAC													
HOT WATER SUPPLY PIPE													
		Assumed	Type "L" Copper Pipe										
7			1/2" Dia Hot Water Supply Pipe	LF	112	10%	123	0.099	\$ 45.55	\$ 4.51	\$ 4.54	\$ 9.05	\$ 1,114.89
8			1-1/4" Dia Hot Water Supply Pipe	LF	132	10%	145	0.138	\$ 45.55	\$ 6.29	\$ 8.16	\$ 14.45	\$ 2,097.54
9			1-1/2" Dia Hot Water Supply Pipe	LF	116	10%	128	0.154	\$ 45.55	\$ 7.01	\$ 10.51	\$ 17.52	\$ 2,236.15
10			2" Dia Hot Water Supply Pipe	LF	152	10%	167	0.190	\$ 45.55	\$ 8.65	\$ 22.13	\$ 30.78	\$ 5,147.17
1" Thick Fiberglass Insulation													
11			1/2" Dia Hot Water Supply Pipe	LF	112	10%	123	0.068	\$ 45.55	\$ 3.10	\$ 2.04	\$ 5.14	\$ 632.93
12			1-1/4" Dia Hot Water Supply Pipe	LF	132	10%	145	0.073	\$ 45.55	\$ 3.33	\$ 2.61	\$ 5.94	\$ 861.78
13			1-1/2" Dia Hot Water Supply Pipe	LF	116	10%	128	0.075	\$ 45.55	\$ 3.42	\$ 2.80	\$ 6.22	\$ 793.19
14			2" Dia Hot Water Supply Pipe	LF	152	10%	167	0.077	\$ 45.55	\$ 3.51	\$ 2.97	\$ 6.48	\$ 1,083.01
HOT WATER SUPPLY PIPE FITTINGS													
ELBOW													
15			1/2" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	12	0%	12	0.400	\$ 45.55	\$ 18.22	\$ 2.72	\$ 20.94	\$ 251.28
16			1-1/2" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	3	0%	3	0.615	\$ 45.55	\$ 28.01	\$ 34.11	\$ 62.12	\$ 186.37
17			2" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	2	0%	2	0.727	\$ 45.55	\$ 33.11	\$ 60.85	\$ 93.96	\$ 187.93
TEE													
18			1-1/4" / 1/2" Dia Hot Water Supply Pipe Tee	EA	2	0%	2	0.889	\$ 45.55	\$ 40.49	\$ 45.64	\$ 86.13	\$ 172.27
19			1-1/2" / 1/2" Dia Hot Water Supply Pipe Tee	EA	4	0%	4	1.000	\$ 45.55	\$ 45.55	\$ 68.69	\$ 114.24	\$ 456.96
20			2" / 1/2" Dia Hot Water Supply Pipe Tee	EA	4	0%	4	1.143	\$ 45.55	\$ 52.06	\$ 108.80	\$ 160.86	\$ 643.45
REDUCER													
21			1-1/2" / 1-1/4" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	0.889	\$ 45.55	\$ 40.49	\$ 84.82	\$ 125.31	\$ 125.31
22			2" / 1-1/4" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	1.000	\$ 45.55	\$ 45.55	\$ 138.30	\$ 183.85	\$ 183.85
23			2" / 1-1/2" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	1.200	\$ 45.55	\$ 54.66	\$ 180.50	\$ 235.16	\$ 235.16
HOT WATER RETURN PIPE													
		Assumed	Type "L" Copper Pipe										
24			1/2" Dia Hot Water Return Pipe	LF	112	10%	123	0.099	\$ 45.55	\$ 4.51	\$ 4.54	\$ 9.05	\$ 1,114.89
25			1-1/4" Dia Hot Water Return Pipe	LF	132	10%	145	0.138	\$ 45.55	\$ 6.29	\$ 8.16	\$ 14.45	\$ 2,097.54
26			1-1/2" Dia Hot Water Return Pipe	LF	116	10%	128	0.154	\$ 45.55	\$ 7.01	\$ 10.51	\$ 17.52	\$ 2,236.15
27			2" Dia Hot Water Return Pipe	LF	152	10%	167	0.190	\$ 45.55	\$ 8.65	\$ 22.13	\$ 30.78	\$ 5,147.17
1" Thick Fiberglass Insulation													
28			1/2" Dia Hot Water Return Pipe	LF	112	10%	123	0.068	\$ 45.55	\$ 3.10	\$ 2.04	\$ 5.14	\$ 632.93
29			1-1/4" Dia Hot Water Return Pipe	LF	132	10%	145	0.073	\$ 45.55	\$ 3.33	\$ 2.61	\$ 5.94	\$ 861.78
30			1-1/2" Dia Hot Water Return Pipe	LF	116	10%	128	0.075	\$ 45.55	\$ 3.42	\$ 2.80	\$ 6.22	\$ 793.19
31			2" Dia Hot Water Return Pipe	LF	152	10%	167	0.077	\$ 45.55	\$ 3.51	\$ 2.97	\$ 6.48	\$ 1,083.01

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
32			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	12	0%	12	0.400	\$ 45.55	\$ 18.22	\$ 2.72	\$ 20.94	\$ 251.28
33			1-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	3	0%	3	0.615	\$ 45.55	\$ 28.01	\$ 34.11	\$ 62.12	\$ 186.37
34			2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	2	0%	2	0.727	\$ 45.55	\$ 33.11	\$ 60.85	\$ 93.96	\$ 187.93
			TEE										
35			1-1/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	2	0%	2	0.889	\$ 45.55	\$ 40.49	\$ 45.64	\$ 86.13	\$ 172.27
36			1-1/2" / 1/2" Dia Hot Water Return Pipe Tee	EA	4	0%	4	1.000	\$ 45.55	\$ 45.55	\$ 68.69	\$ 114.24	\$ 456.96
37			2" / 1/2" Dia Hot Water Return Pipe Tee	EA	4	0%	4	1.143	\$ 45.55	\$ 52.06	\$ 108.80	\$ 160.86	\$ 643.45
			REDUCER										
38			1-1/2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.889	\$ 45.55	\$ 40.49	\$ 84.82	\$ 125.31	\$ 125.31
39			2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	1.000	\$ 45.55	\$ 45.55	\$ 138.30	\$ 183.85	\$ 183.85
40			2" / 1-1/2" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	1.200	\$ 45.55	\$ 54.66	\$ 180.50	\$ 235.16	\$ 235.16
			AIR DEVICES										
41			A: Supply Air Grille, TITUS TMSA--AA, Finished: W.B.E, Remarks: TITUS TMSA--AA Or Approved Equal	EA	2	0%	2	0.500	\$ 45.55	\$ 22.78	\$ 234.36	\$ 257.14	\$ 514.27
42			C: Return Air Grille, TITUS 50FF (Lay In), Finished: W.B.E, Remarks: TITUS 50FF (Lay In) Or Approved Equal	EA	2	0%	2	0.500	\$ 45.55	\$ 22.78	\$ 138.00	\$ 160.78	\$ 321.55
			FAN COIL UNIT										
43			FCU-A: Fan Coil Unit, TRANE FFCB030, Min CFM: 400, CFM FA: 0, Fan HP: .098, Electrical Service: 120-1-60, Heating Coil: Total Capacity BTUH: 26,260, Air Temp (°F): ENT: 60.0, LEAV: 120.53, Hot Water: IN (°F): 160, Out (°F): 134, GPM: 2, PD (FT): 4.74', Remarks: TRANE Model FFCB030 Or Approved Equal	EA	1	0%	1	3.250	\$ 45.55	\$ 148.04	\$ 850.00	\$ 998.04	\$ 998.04
44			FCU-B: Fan Coil Unit, TEMPSPEC VUF1200 (DX), Min CFM: 1200, CFM FA: 0, Fan HP: .1/8, Electrical Service: 120-1-60, Heating Coil: Total Capacity BTUH: 67,000, Air Temp (°F): ENT: 60.0, LEAV: 92.0, Hot Water: IN (°F): 160, Out (°F): 153, GPM: 5, PD (FT): 3.2', Remarks: TEMPSPEC VUF1200 (DX) Or Approved Equal	EA	1	0%	1	4.500	\$ 45.55	\$ 204.98	\$ 1,351.77	\$ 1,556.75	\$ 1,556.75
45			FCU-C: Fan Coil Unit, TRANE FFCB030, Min CFM: 400, CFM FA: 0, Fan HP: .098, Electrical Service: 120-1-60, Heating Coil: Total Capacity BTUH: 26,260, Air Temp (°F): ENT: 60.0, LEAV: 120.53, Hot Water: IN (°F): 160, Out (°F): 134, GPM: 2, PD (FT): 4.74', Remarks: TRANE Model FFCB030 Or Approved Equal	EA	1	0%	1	3.250	\$ 45.55	\$ 148.04	\$ 850.00	\$ 998.04	\$ 998.04
			DAMPERS										
46			12" Dia Manual Damper	EA	2	0%	2	0.720	\$ 45.55	\$ 32.80	\$ 102.76	\$ 135.56	\$ 271.11
47			14" x 10" Manual Damper	EA	2	0%	2	0.950	\$ 45.55	\$ 43.27	\$ 166.02	\$ 209.29	\$ 418.59
			DUCT WEIGHT										
48			Galvanized Sheet Metal Duct	LB	141	10%	155	0.092	\$ 38.64	\$ 3.55	\$ 0.80	\$ 4.35	\$ 675.20
			DUCT INSULATION										
49			Galvanized Sheet Metal Duct	SF	126	10%	138	0.025	\$ 38.64	\$ 0.97	\$ 2.25	\$ 3.22	\$ 445.10
			PIPE SUPPORTS										
50			1/2" Dia Adjustable Clevis Hanger	EA	36	0%	36						
51			1-1/4" Dia Adjustable Clevis Hanger	EA	44	0%	44						
52			1-1/2" Dia Adjustable Clevis Hanger	EA	38	0%	38						
53			2" Dia Adjustable Clevis Hanger	EA	30	0%	30						
54			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	118	0%	118	0.050	\$ 45.55	\$ 2.28	\$ 2.45	\$ 4.73	\$ 557.85

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
55			5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	30	0%	30	0.050	\$ 45.55	\$ 2.28	\$ 3.20	\$ 5.48	\$ 164.33
			DUCT SUPPORTS										
56			3/8" Threaded Rod	EA	6	0%	6	0.050	\$ 45.55	\$ 2.28	\$ 2.45	\$ 4.73	\$ 28.37
57			1" x 22 Ga. Strap	EA	3	0%	3	0.100	\$ 45.55	\$ 4.56	\$ 2.64	\$ 7.20	\$ 21.59
												SUBTOTAL \$ 39,789	

ELECTRICAL

LIGHTING													
			CONDUIT										
58			1/2" EMT Conduit	LF	27	10%	29	0.047	\$ 47.26	\$ 2.22	\$ 1.22	\$ 3.44	\$ 101.37
			CONDUCTOR										
59			#12 CU THHN/THWN	LF	80	10%	88	0.007	\$ 47.26	\$ 0.33	\$ 0.48	\$ 0.81	\$ 71.66
			LIGHTING FIXTURES										
60	E101		A: 2x4 Flat Panel, LITHONIA EPANL-2x4-SL-4800LM-80CRI-40K-MIN10-ZT-MVOLT Mounting: Lay In	EA	2	0%	2	0.850	\$ 47.26	\$ 40.17	\$ 185.50	\$ 225.67	\$ 451.34
			LIGHTING CONTROL										
61			Occupancy Sensor, Ceiling Mounted	EA	1	0%	1	0.620	\$ 47.26	\$ 29.30	\$ 52.50	\$ 81.80	\$ 81.80
												SUBTOTAL \$ 706	

PROJECTED COST												\$42,583	
OVERHEAD AND PROFIT												15%	\$6,387
LABOUR BURDEN												22%	\$3,727
INSURANCE												3%	\$1,277
CONTINGENCY												5%	\$2,129
TAX												9.95%	\$2,502
SUGGESTED BID												\$58,606	

Notes:

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DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: MEP



Date: 11/15/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAG E	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
EXISTING CONDITIONS													
DEMOLITION													
1	E101		Existing 3P/60A Disconnect Switch To Be Removed	EA	1	0%	1	0.380	\$ 47.36	\$ 18.00	\$ -	\$ 18.00	\$ 18.00
2			Remove Existing Wiring And Raceway Area: 4176 SF	LS	1	0%	1	0.000	\$ 47.36	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00
3			Existing 2x4 Flat Light Fixture Panel To Be Removed	EA	64	0%	64	0.325	\$ 47.36	\$ 15.39	\$ -	\$ 15.39	\$ 985.09
												SUBTOTAL	\$ 3,003

ELECTRICAL														
DISTRIBUTION														
DISCONNECT SWITCH														
4	E101		3P/60A Fused Disconnect Switch, NEMA 3R	EA	1	0%	1	1.200	\$ 47.36	\$ 56.83	\$ 307.99	\$ 364.82	\$ 364.82	
POWER														
CONDUIT														
5				1" Liquid Tight Flexible Conduit	LF	6	10%	7	0.086	\$ 47.36	\$ 4.09	\$ 1.20	\$ 5.29	\$ 35.04
CONDUCTOR														
6				#10 CU THHN/THWN	LF	6	10%	7	0.010	\$ 47.36	\$ 0.45	\$ 0.52	\$ 0.97	\$ 6.45
7				#6 CU THHN/THWN	LF	24	10%	26	0.014	\$ 47.36	\$ 0.68	\$ 0.87	\$ 1.55	\$ 41.11
LIGHTING														
CONDUIT														
8				3/4" EMT Conduit	LF	1036	10%	1140	0.074	\$ 47.36	\$ 3.52	\$ 1.86	\$ 5.38	\$ 6,137.68
CONDUCTOR														
9				#12 CU THHN/THWN	LF	1919	10%	2111	0.008	\$ 47.36	\$ 0.40	\$ 0.48	\$ 0.88	\$ 1,853.27
10				#10 CU THHN/THWN	LF	1190	10%	1309	0.010	\$ 47.36	\$ 0.45	\$ 0.52	\$ 0.97	\$ 1,275.84
LIGHTING FIXTURES														
11				A: 2x4 Flat Panel, LITHONIA EPANL-2x4-SL-4800LM-80CRI-40K-	EA	64	0%	64	1.020	\$ 47.36	\$ 48.31	\$ 185.50	\$ 233.81	\$14,963.66
LIGHTING CONTROL														
12			Dimmer Switch	EA	2	0%	2	0.300	\$ 47.36	\$ 14.21	\$ 27.99	\$ 42.20	\$ 84.40	
13			Ceiling Mounted Occupancy Sensor	EA	3	0%	3	0.744	\$ 47.36	\$ 35.24	\$ 52.50	\$ 87.74	\$ 263.21	
14			Occupancy Sensor	EA	9	0%	9	0.600	\$ 47.36	\$ 28.42	\$ 41.54	\$ 69.96	\$ 629.60	
15			Three-Way Dimmer Switch	EA	2	0%	2	0.384	\$ 47.36	\$ 18.19	\$ 38.50	\$ 56.69	\$ 113.37	
												SUBTOTAL	\$ 25,768	

												PROJECTED COST	\$28,772
OVERHEAD AND PROFIT												15%	\$4,316
LABOUR BURDEN												22%	\$2,217
INSURANCE												3%	\$863
CONTINGENCY												5%	\$1,439
TAX												9.95%	\$1,661
SUGGESTED BID													\$39,267

Notes:

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DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
EXISTING CONDITIONS														
DEMOLITION														
1	E101		Remove Existing Wiring And Raceway Area: 12407 SF	LS	1	0%	1	0.000	\$ 47.36	\$ -	\$ -	\$ 4,500.00	\$ 4,500.00	
2			Existing 2x4 Flat Panel Light Fixture To Be Removed	EA	138	0%	138	0.325	\$ 47.36	\$ 15.39	\$ -	\$ 15.39	\$ 2,124.10	
3			Existing Single Faced Exit Sign Light To Be Removed	EA	2	0%	2	0.350	\$ 47.36	\$ 16.58	\$ -	\$ 16.58	\$ 33.15	
4			Existing Intercom To Be Removed	EA	5	0%	5	0.200	\$ 47.36	\$ 9.47	\$ -	\$ 9.47	\$ 47.36	
5			Existing Wireless Access Point To Be Removed	EA	7	0%	7	0.400	\$ 47.36	\$ 18.94	\$ -	\$ 18.94	\$ 132.61	
6			Existing Speaker To Be Removed	EA	1	0%	1	0.500	\$ 47.36	\$ 23.68	\$ -	\$ 23.68	\$ 23.68	
7			Existing Fire Alarm Audio/Visual Unit To Be Removed	EA	8	0%	8	0.450	\$ 47.36	\$ 21.31	\$ -	\$ 21.31	\$ 170.50	
8			Existing Fire Alarm Pull Station To Be Removed	EA	2	0%	2	0.200	\$ 47.36	\$ 9.47	\$ -	\$ 9.47	\$ 18.94	
9			Existing Fire Alarm Strobe Unit To Be Removed	EA	2	0%	2	0.200	\$ 47.36	\$ 9.47	\$ -	\$ 9.47	\$ 18.94	
												SUBTOTAL \$	7,069	
ELECTRICAL														
POWER														
CONDUIT														
10	E101		3/4" EMT Conduit	LF	306	10%	337	0.074	\$ 47.36	\$ 3.52	\$ 1.86	\$ 5.38	\$ 1,812.11	
CONDUCTOR														
11			#10 CU THHN/THWN	LF	918	10%	1010	0.008	\$ 47.36	\$ 0.40	\$ 0.48	\$ 0.88	\$ 886.43	
DEVICE														
12			Equipment Connection	EA	3	0%	3	2.400	\$ 47.36	\$ 113.66	\$ -	\$ 113.66	\$ 340.99	
LIGHTING														
CONDUIT														
13			3/4" EMT Conduit	LF	2520	10%	2772	0.074	\$ 47.36	\$ 3.52	\$ 1.86	\$ 5.38	\$ 14,922.41	
CONDUCTOR														
14			#10 CU THHN/THWN	LF	7560	10%	8316	0.008	\$ 47.36	\$ 0.40	\$ 0.48	\$ 0.88	\$ 7,299.55	
LIGHTING FIXTURES														
15			A: 2x4 Flat Panel, LITHONIA EPANL-2x4-SL-4800LM-80CRI-40K-MIN10-ZT-MVOLT Mounting: Lay In	EA	132	0%	132	1.020	\$ 47.36	\$ 48.31	\$ 185.50	\$ 233.81	\$ 30,862.55	
16			AE: 2x4 Flat Panel With Emergency Battery, LITHONIA EPANL-2x4-SL-4800LM-80CRI-40K-MIN10-ZT-MVOLT-E10WCP Mounting: Lay In	EA	6	0%	6	1.200	\$ 47.36	\$ 56.83	\$ 374.27	\$ 431.10	\$ 2,586.61	
17			X: Single Faced Exit Sign Light, LSI LE-S-*-1-R-ELN-SD Mounting: Lay In	EA	2	0%	2	0.744	\$ 47.36	\$ 35.24	\$ 226.71	\$ 261.95	\$ 523.89	
LIGHTING CONTROL														
18			Occupancy Sensor, Ceiling Mounted	EA	17	0%	17	0.744	\$ 47.36	\$ 35.24	\$ 52.50	\$ 87.74	\$ 1,491.51	
19			Dimmer Switch	EA	12	0%	12	0.300	\$ 47.36	\$ 14.21	\$ 27.99	\$ 42.20	\$ 506.38	
												SUBTOTAL \$	61,232	
COMMUNICATION														
TELECOMMUNICATION														
CONDUIT														
20		3/4" EMT Conduit	LF	80	10%	88	0.074	\$ 47.36	\$ 3.52	\$ 1.86	\$ 5.38	\$ 473.76		
J-HOOKS														
21		2" J-Hooks	EA	24	0%	24	0.120	\$ 47.36	\$ 5.68	\$ 3.20	\$ 8.88	\$ 213.20		
CONDUCTOR														

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
22	E101		CAT6 Cable	LF	1025	10%	1128	0.017	\$ 47.36	\$ 0.80	\$ 0.25	\$ 1.05	\$ 1,179.51	
			DEVICES											
23			Intercom	EA	5	0%	5	0.504	\$ 47.36	\$ 23.87	\$ 105.50	\$ 129.37	\$ 646.85	
24			Wireless Access Point	EA	7	0%	7	1.800	\$ 47.36	\$ 85.25	\$ 150.00	\$ 235.25	\$ 1,646.74	
				AUDIO/VISUAL SYSTEM										
				DEVICES										
25			Speaker	EA	1	0%	1	1.440	\$ 47.36	\$ 68.20	\$ 549.99	\$ 618.19	\$ 618.19	
												SUBTOTAL \$ 4,778		

ELECTRONUC SAFETY AND SECURITY

FIRE ALARM														
			CONDUIT											
26	E101		3/4" EMT Conduit	LF	609	10%	670	0.074	\$ 47.36	\$ 3.52	\$ 1.86	\$ 5.38	\$ 3,605.40	
			CONDUCTOR											
27			#16 CU THHN/THWN	LF	511	10%	562	0.006	\$ 47.36	\$ 0.28	\$ 0.10	\$ 0.38	\$ 215.79	
28			#14 CU THHN/THWN	LF	707	10%	778	0.007	\$ 47.36	\$ 0.34	\$ 0.12	\$ 0.46	\$ 358.50	
				DEVICES										
29				Fire Alarm Audio/Visual Unit	EA	8	0%	8	0.900	\$ 47.36	\$ 42.62	\$ 206.00	\$ 248.62	\$ 1,988.99
30			Fire Alarm Pull Station	EA	2	0%	2	0.672	\$ 47.36	\$ 31.83	\$ 115.00	\$ 146.83	\$ 293.65	
31			Fire Alarm Strobe Unit	EA	2	0%	2	0.480	\$ 47.36	\$ 22.73	\$ 80.57	\$ 103.30	\$ 206.61	
												SUBTOTAL \$ 6,669		

PROJECTED COST												\$79,749	
OVERHEAD AND PROFIT												15%	\$11,962
LABOUR BURDEN												22%	\$6,709
INSURANCE												3%	\$2,392
CONTINGENCY												5%	\$3,987
TAX												9.95%	\$4,453
SUGGESTED BID												\$109,253	

Notes:

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

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: MEP



Date: 11/15/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
EXISTING CONDITIONS														
DEMOLITION														
1	M104		Existing Condensate Unit To Be Replaced. Flush Out Refrigerant From System And Repair Refrigerant Lines. Re-Charge System With New Refrigerant	EA	1	0%	1	2.850	\$ 45.55	\$ 129.82	\$ -	\$ 129.82	\$ 129.82	
2			Existing Radiant Wall Heaters To Be Remove, Clean, Sanitize, And Re-install	EA	1	0%	1	1.000	\$ 45.55	\$ 45.55	\$ -	\$ 45.55	\$ 45.55	
3			Existing Window Unit Serving To Be Replaced	EA	2	0%	2	1.250	\$ 45.55	\$ 56.94	\$ -	\$ 56.94	\$ 113.88	
MAINTAINANCE														
4				Clean And Sanitize Return And Supply Air Grilles Associated With Air Handler Unit	EA	4	0%	4	0.300	\$ 45.55	\$ 13.67	\$ -	\$ 13.67	\$ 54.66
5				Clean, Sanitize, And Service Air Handler Unit	EA	1	0%	1	0.500	\$ 45.55	\$ 22.78	\$ -	\$ 22.78	\$ 22.78
6				Clean, Sanitize, And Service Air Handler Unit Located In This Area, Rigid Duct Associated With Unit Shall Be Cleaned And Sanitized	EA	6	0%	6	0.500	\$ 45.55	\$ 22.78	\$ -	\$ 22.78	\$ 136.65
7				Clean, Sanitize, And Service Fan Coil Unit	EA	13	0%	13	0.400	\$ 45.55	\$ 18.22	\$ -	\$ 18.22	\$ 236.86
8				Clean, Sanitize, And Service Unit Heaters	EA	8	0%	8	0.400	\$ 45.55	\$ 18.22	\$ -	\$ 18.22	\$ 145.76
9			Clean, Sanitize, And Service Window Unit	EA	4	0%	4	0.385	\$ 45.55	\$ 17.54	\$ -	\$ 17.54	\$ 70.15	
												SUBTOTAL \$ 956		
HVAC														
HOT WATER SUPPLY PIPE														
		Assumed	Type "L" Copper Pipe											
10			1" Dia Hot Water Supply Pipe	LF	156	10%	172	0.099	\$ 45.55	\$ 4.51	\$ 4.54	\$ 9.05	\$ 1,552.89	
11			1-1/4" Dia Hot Water Supply Pipe	LF	217	10%	239	0.138	\$ 45.55	\$ 6.29	\$ 8.16	\$ 14.45	\$ 3,448.24	
12			1-1/2" Dia Hot Water Supply Pipe	LF	215	10%	237	0.154	\$ 45.55	\$ 7.01	\$ 10.51	\$ 17.52	\$ 4,144.59	
13			2" Dia Hot Water Supply Pipe	LF	33	10%	36	0.190	\$ 45.55	\$ 8.65	\$ 22.13	\$ 30.78	\$ 1,117.48	
14			2-1/2" Dia Hot Water Supply Pipe	LF	99	10%	109	0.258	\$ 45.55	\$ 11.75	\$ 26.74	\$ 38.49	\$ 4,191.77	
15			3" Dia Hot Water Supply Pipe	LF	55	10%	61	0.286	\$ 45.55	\$ 13.03	\$ 36.88	\$ 49.91	\$ 3,019.39	
16			4" Dia Hot Water Supply Pipe	LF	6	10%	7	0.410	\$ 45.55	\$ 18.68	\$ 69.15	\$ 87.83	\$ 579.65	
1" Thick Fiberglass Insulation														
17			1" Dia Hot Water Supply Pipe	LF	156	10%	172	0.068	\$ 45.55	\$ 3.10	\$ 2.04	\$ 5.14	\$ 881.58	
18			1-1/4" Dia Hot Water Supply Pipe	LF	217	10%	239	0.073	\$ 45.55	\$ 3.33	\$ 2.61	\$ 5.94	\$ 1,416.72	
19			1-1/2" Dia Hot Water Supply Pipe	LF	215	10%	237	0.075	\$ 45.55	\$ 3.42	\$ 2.80	\$ 6.22	\$ 1,470.14	
20			2" Dia Hot Water Supply Pipe	LF	33	10%	36	0.077	\$ 45.55	\$ 3.51	\$ 2.97	\$ 6.48	\$ 235.13	
21			2-1/2" Dia Hot Water Supply Pipe	LF	99	10%	109	0.078	\$ 45.55	\$ 3.55	\$ 3.43	\$ 6.98	\$ 760.44	
22			3" Dia Hot Water Supply Pipe	LF	55	10%	61	0.081	\$ 45.55	\$ 3.69	\$ 3.69	\$ 7.38	\$ 446.46	
23			4" Dia Hot Water Supply Pipe	LF	6	10%	7	0.085	\$ 45.55	\$ 3.87	\$ 4.89	\$ 8.76	\$ 57.83	
HOT WATER SUPPLY PIPE FITTINGS														
ELBOW														
24			1" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	13	0%	13	0.500	\$ 45.55	\$ 22.78	\$ 14.75	\$ 37.53	\$ 487.83	
25			1-1/4" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	14	0%	14	0.533	\$ 45.55	\$ 24.28	\$ 21.67	\$ 45.95	\$ 643.27	
26			1-1/2" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	2	0%	2	0.615	\$ 45.55	\$ 28.01	\$ 34.11	\$ 62.12	\$ 124.25	
27			2-1/2" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	1	0%	1	1.231	\$ 45.55	\$ 56.07	\$ 111.56	\$ 167.63	\$ 167.63	
28			3" Dia Hot Water Supply Pipe 90 Deg Elbow	EA	2	0%	2	1.455	\$ 45.55	\$ 66.28	\$ 160.43	\$ 226.71	\$ 453.41	
TEE														
29			1" Dia Hot Water Supply Pipe Tee	EA	4	0%	4	0.800	\$ 45.55	\$ 36.44	\$ 12.95	\$ 49.39	\$ 197.56	
30			1-1/4" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	0.889	\$ 45.55	\$ 40.49	\$ 45.64	\$ 86.13	\$ 86.13	
31			1-1/4" / 1" Dia Hot Water Supply Pipe Tee	EA	2	0%	2	0.850	\$ 45.55	\$ 38.72	\$ 41.60	\$ 80.32	\$ 160.64	

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: MEP



Date: 11/15/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
32	M104		1-1/2" / 1" Dia Hot Water Supply Pipe Tee	EA	2	0%	2	0.920	\$ 45.55	\$ 41.91	\$ 58.60	\$ 100.51	\$ 201.01	
33			1-1/2" / 1-1/4" Dia Hot Water Supply Pipe Tee	EA	2	0%	2	1.000	\$ 45.55	\$ 45.55	\$ 68.69	\$ 114.24	\$ 228.48	
34			2" / 1" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	1.143	\$ 45.55	\$ 52.06	\$ 108.80	\$ 160.86	\$ 160.86	
35			2" / 1-1/4" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	1.200	\$ 45.55	\$ 54.66	\$ 120.10	\$ 174.76	\$ 174.76	
36			2-1/2" / 1-1/4" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	2.000	\$ 45.55	\$ 91.10	\$ 200.07	\$ 291.17	\$ 291.17	
37			3" / 1-1/2" Dia Hot Water Supply Pipe Tee	EA	2	0%	2	2.286	\$ 45.55	\$ 104.13	\$ 290.43	\$ 394.56	\$ 789.11	
38			3" / 2-1/2" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	2.320	\$ 45.55	\$ 105.68	\$ 312.14	\$ 417.82	\$ 417.82	
39			4" / 1" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	2.800	\$ 45.55	\$ 127.54	\$ 520.14	\$ 647.68	\$ 647.68	
40			4" / 1-1/2" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	3.000	\$ 45.55	\$ 136.65	\$ 580.10	\$ 716.75	\$ 716.75	
41			4" / 3" Dia Hot Water Supply Pipe Tee	EA	1	0%	1	3.200	\$ 45.55	\$ 145.76	\$ 677.67	\$ 823.43	\$ 823.43	
				REDUCER										
42				1-1/4" Dia Hot Water Supply Pipe 45 Deg Elbow	EA	1	0%	1	0.533	\$ 45.55	\$ 24.28	\$ 28.12	\$ 52.40	\$ 52.40
43				1-1/4" / 1" Dia Hot Water Supply Pipe Reducer	EA	2	0%	2	0.850	\$ 45.55	\$ 38.72	\$ 41.60	\$ 80.32	\$ 160.64
44				1-1/2" / 1-1/4" Dia Hot Water Supply Pipe Reducer	EA	3	0%	3	1.000	\$ 45.55	\$ 45.55	\$ 68.69	\$ 114.24	\$ 342.72
45				2" / 1" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	1.143	\$ 45.55	\$ 52.06	\$ 108.80	\$ 160.86	\$ 160.86
46				2" / 1-1/4" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	1.200	\$ 45.55	\$ 54.66	\$ 120.10	\$ 174.76	\$ 174.76
47				2-1/2" / 1-1/4" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	2.000	\$ 45.55	\$ 91.10	\$ 200.07	\$ 291.17	\$ 291.17
48				2-1/2" / 2" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	2.250	\$ 45.55	\$ 102.49	\$ 220.14	\$ 322.63	\$ 322.63
49				3" / 2-1/2" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	2.320	\$ 45.55	\$ 105.68	\$ 312.14	\$ 417.82	\$ 417.82
50				4" / 2" Dia Hot Water Supply Pipe Reducer	EA	1	0%	1	3.100	\$ 45.55	\$ 141.21	\$ 610.10	\$ 751.31	\$ 751.31
				HOT WATER RETURN PIPE										
			Assumed	Type "L" Copper Pipe										
51				1" Dia Hot Water Return Pipe	LF	156	10%	172	0.099	\$ 45.55	\$ 4.51	\$ 4.54	\$ 9.05	\$ 1,552.89
52				1-1/4" Dia Hot Water Return Pipe	LF	217	10%	239	0.138	\$ 45.55	\$ 6.29	\$ 8.16	\$ 14.45	\$ 3,448.24
53				1-1/2" Dia Hot Water Return Pipe	LF	215	10%	237	0.154	\$ 45.55	\$ 7.01	\$ 10.51	\$ 17.52	\$ 4,144.59
54				2" Dia Hot Water Return Pipe	LF	33	10%	36	0.190	\$ 45.55	\$ 8.65	\$ 22.13	\$ 30.78	\$ 1,117.48
55				2-1/2" Dia Hot Water Return Pipe	LF	99	10%	109	0.258	\$ 45.55	\$ 11.75	\$ 26.74	\$ 38.49	\$ 4,191.77
56				3" Dia Hot Water Return Pipe	LF	55	10%	61	0.286	\$ 45.55	\$ 13.03	\$ 36.88	\$ 49.91	\$ 3,019.39
57				4" Dia Hot Water Return Pipe	LF	6	10%	7	0.410	\$ 45.55	\$ 18.68	\$ 69.15	\$ 87.83	\$ 579.65
				1" Thick Fiberglass Insulation										
58				1" Dia Hot Water Return Pipe	LF	156	10%	172	0.068	\$ 45.55	\$ 3.10	\$ 2.04	\$ 5.14	\$ 881.58
59				1-1/4" Dia Hot Water Return Pipe	LF	217	10%	239	0.073	\$ 45.55	\$ 3.33	\$ 2.61	\$ 5.94	\$ 1,416.72
60				1-1/2" Dia Hot Water Return Pipe	LF	215	10%	237	0.075	\$ 45.55	\$ 3.42	\$ 2.80	\$ 6.22	\$ 1,470.14
61				2" Dia Hot Water Return Pipe	LF	33	10%	36	0.077	\$ 45.55	\$ 3.51	\$ 2.97	\$ 6.48	\$ 235.13
62				2-1/2" Dia Hot Water Return Pipe	LF	99	10%	109	0.078	\$ 45.55	\$ 3.55	\$ 3.43	\$ 6.98	\$ 760.44
63				3" Dia Hot Water Return Pipe	LF	55	10%	61	0.081	\$ 45.55	\$ 3.69	\$ 3.69	\$ 7.38	\$ 446.46
64				4" Dia Hot Water Return Pipe	LF	6	10%	7	0.085	\$ 45.55	\$ 3.87	\$ 4.89	\$ 8.76	\$ 57.83
				HOT WATER RETURN PIPE FITTINGS										
				ELBOW										
65				1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	13	0%	13	0.500	\$ 45.55	\$ 22.78	\$ 14.75	\$ 37.53	\$ 487.83
66				1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	13	0%	13	0.533	\$ 45.55	\$ 24.28	\$ 21.67	\$ 45.95	\$ 597.33
67				1-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	2	0%	2	0.615	\$ 45.55	\$ 28.01	\$ 34.11	\$ 62.12	\$ 124.25
68				2-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	1	0%	1	1.231	\$ 45.55	\$ 56.07	\$ 111.56	\$ 167.63	\$ 167.63
69				3" Dia Hot Water Return Pipe 90 Deg Elbow	EA	3	0%	3	1.455	\$ 45.55	\$ 66.28	\$ 160.43	\$ 226.71	\$ 680.12
70				1-1/4" Dia Hot Water Return Pipe 45 Deg Elbow	EA	1	0%	1	0.533	\$ 45.55	\$ 24.28	\$ 28.12	\$ 52.40	\$ 52.40
				TEE										
71				1" Dia Hot Water Return Pipe Tee	EA	4	0%	4	0.800	\$ 45.55	\$ 36.44	\$ 12.95	\$ 49.39	\$ 197.56
72				1-1/4" Dia Hot Water Return Pipe Tee	EA	1	0%	1	0.889	\$ 45.55	\$ 40.49	\$ 45.64	\$ 86.13	\$ 86.13
73				1-1/4" / 1" Dia Hot Water Return Pipe Tee	EA	2	0%	2	0.850	\$ 45.55	\$ 38.72	\$ 41.60	\$ 80.32	\$ 160.64
74				1-1/2" / 1" Dia Hot Water Return Pipe Tee	EA	2	0%	2	0.920	\$ 45.55	\$ 41.91	\$ 58.60	\$ 100.51	\$ 201.01

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
75			1-1/2" / 1-1/4" Dia Hot Water Return Pipe Tee	EA	2	0%	2	1.000	\$ 45.55	\$ 45.55	\$ 68.69	\$ 114.24	\$ 228.48
76			2" / 1" Dia Hot Water Return Pipe Tee	EA	1	0%	1	1.143	\$ 45.55	\$ 52.06	\$ 108.80	\$ 160.86	\$ 160.86
77			2" / 1-1/4" Dia Hot Water Return Pipe Tee	EA	1	0%	1	1.200	\$ 45.55	\$ 54.66	\$ 120.10	\$ 174.76	\$ 174.76
78			2-1/2" / 1-1/4" Dia Hot Water Return Pipe Tee	EA	1	0%	1	2.000	\$ 45.55	\$ 91.10	\$ 200.07	\$ 291.17	\$ 291.17
79			3" / 1-1/2" Dia Hot Water Return Pipe Tee	EA	2	0%	2	2.286	\$ 45.55	\$ 104.13	\$ 290.43	\$ 394.56	\$ 789.11
80			3" / 2-1/2" Dia Hot Water Return Pipe Tee	EA	1	0%	1	2.320	\$ 45.55	\$ 105.68	\$ 312.14	\$ 417.82	\$ 417.82
81			4" / 1" Dia Hot Water Return Pipe Tee	EA	1	0%	1	2.800	\$ 45.55	\$ 127.54	\$ 520.14	\$ 647.68	\$ 647.68
82			4" / 1-1/2" Dia Hot Water Return Pipe Tee	EA	1	0%	1	3.000	\$ 45.55	\$ 136.65	\$ 580.10	\$ 716.75	\$ 716.75
83			4" / 3" Dia Hot Water Return Pipe Tee	EA	1	0%	1	3.200	\$ 45.55	\$ 145.76	\$ 677.67	\$ 823.43	\$ 823.43
			REDUCER										
84			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	2	0%	2	0.850	\$ 45.55	\$ 38.72	\$ 41.60	\$ 80.32	\$ 160.64
85			1-1/2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	3	0%	3	1.000	\$ 45.55	\$ 45.55	\$ 68.69	\$ 114.24	\$ 342.72
86			2" / 1" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	1.143	\$ 45.55	\$ 52.06	\$ 108.80	\$ 160.86	\$ 160.86
87			2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	1.200	\$ 45.55	\$ 54.66	\$ 120.10	\$ 174.76	\$ 174.76
88			2-1/2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	2.000	\$ 45.55	\$ 91.10	\$ 200.07	\$ 291.17	\$ 291.17
89			2-1/2" / 2" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	2.250	\$ 45.55	\$ 102.49	\$ 220.14	\$ 322.63	\$ 322.63
90			3" / 2-1/2" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	2.320	\$ 45.55	\$ 105.68	\$ 312.14	\$ 417.82	\$ 417.82
91			4" / 2" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	3.100	\$ 45.55	\$ 141.21	\$ 610.10	\$ 751.31	\$ 751.31
			CONDENSING UNIT										
92			CU-A, Condensing Unit, TRANE TTA090, BTUH Cooling Output: 90,000, Evap Temp: 40.0, Ambient	EA	1	0%	1	6.200	\$ 45.55	\$ 282.41	\$ 4,850.00	\$ 5,132.41	\$ 5,132.41
			PIPE SUPPORTS										
93			1" Dia Adjustable Clevis Hanger	EA	54	0%	54						
94			1-1/4" Dia Adjustable Clevis Hanger	EA	72	0%	72						
95			1-1/2" Dia Adjustable Clevis Hanger	EA	70	0%	70						
96			2" Dia Adjustable Clevis Hanger	EA	6	0%	6						
97			2-1/2" Dia Adjustable Clevis Hanger	EA	20	0%	20						
98			3" Dia Adjustable Clevis Hanger	EA	10	0%	10						
99			3/8" Dia Threaded Rod (1 Ea. = 1 LF)	EA	196	0%	196	0.050	\$ 45.55	\$ 2.28	\$ 2.45	\$ 4.73	\$ 926.59
100			5/8" Dia Threaded Rod (1 Ea. = 1 LF)	EA	36	0%	36	0.050	\$ 45.55	\$ 2.28	\$ 3.20	\$ 5.48	\$ 197.19
			SUBTOTAL \$ 71,974										

PROJECTED COST												\$72,930	
OVERHEAD AND PROFIT												15%	\$10,939
LABOUR BURDEN												22%	\$5,837
INSURANCE												3%	\$2,188
CONTINGENCY												5%	\$3,646
TAX												9.95%	\$4,617
SUGGESTED BID												\$100,157	

Notes:

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

DETAILED BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **MEP**



Date: **11/15/23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
EXISTING CONDITIONS													
MAINTAINANCE													
1	M103		Test And Add Refrigerant As Necessary To 3 Condensing Unit. Clean And Service Units. Repair Refrigerant Lines As Necessary And Replace Missing Panels, Refrigerant Piping, And Weatherproof Insulation	EA	3	0%	3	0.000	\$ 45.55	\$ -	\$ -	\$ 650.00	\$ 1,950.00
												SUBTOTAL \$ 1,950	
												PROJECTED COST	
OVERHEAD AND PROFIT												15%	\$1,950
LABOUR BURDEN												22%	\$0
INSURANCE												3%	\$59
CONTINGENCY												5%	\$98
TAX												9.95%	\$0
												SUGGESTED BID	
												\$2,399	

Notes:

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

BREAKDOWN OF DUCT ITEMS

Prepared for:
Project ID:
Scope: **MEP**



Date: **11/14/23**

SR #	DESCRIPTION	UNIT	QUANTIT Y	WASTAGE	QUANTITY W/ WASTAGE
HVAC					
1ST FLOOR MAIN BUILDING PLAN					
GALVANIZED SHEET METAL DUCT					
1	12" Dia Supply Air Duct	LF	10	10%	11
2	14" x 10" Supply Air Duct	LF	15	10%	16
3	12" Dia Return Air Duct	LF	3	10%	3