

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: **Elevator**

Addition for Elevator



Date:

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS												SUBTOTAL	\$ 14,800
1			Permits	LS	1	0%	1			\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
2			Supervision and Coordination	LS	1	0%	1			\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
3			Submittals and Shop drawings	LS	1	0%	1			\$ -	\$ -	\$ 500.00	\$ 500.00
4			Final Cleaning	LS	1	0%	1			\$ -	\$ -	\$ 500.00	\$ 500.00
5			Mobilization Costs	LS	1	0%	1			\$ -	\$ -	\$ 3,000.00	\$ 3,000.00
6			Temporary Control & Facilities	LS	1	0%	1			\$ -	\$ -	\$ 800.00	\$ 800.00
EXISTING CONDITION												SUBTOTAL	\$ 2,029
DEMOLITION													
7	AD01		Opening for Elevator Door, Prepare for Elevator Door	SF	123	10%	135	0.20	75	\$ 15.00	\$ -	\$ 15.00	\$ 2,028.51
CONCRETE												SUBTOTAL	\$ 9,727
CAST IN PLACE CONCRETE													
CONTI. FOOTING													
8			2'-0"x12" cont. concrete footing	CY	1.9	10%	2	1.450	\$ 145.00	\$ 210.25	\$ 150.00	\$ 360.25	\$ 758
9			Horizontal reinforcement(4) #5 cont bar	LBS	18.0	10%	20	0.020	\$ 62.00	\$ 1.24	\$ 0.50	\$ 1.74	\$ 34
10			Short side reinforcement#5 @16" o.c.	LBS	27.1	10%	30	0.020	\$ 62.00	\$ 1.24	\$ 0.50	\$ 1.74	\$ 52
11			1'-0"x12" cont. concrete footing	CY	0.7	10%	1	1.350	\$ 46.00	\$ 62.10	\$ 150.00	\$ 212.10	\$ 161
12			Reinforcement (2) #5 cont. & #5 @16" short	LBS	14.9	10%	16	0.020	\$ 62.00	\$ 1.24	\$ 0.50	\$ 1.74	\$ 29
PAD FOOTING													
13			2'-0"x2'-0"x12" concrete footing	CY	0.1	10%	0	1.450	\$ 145.00	\$ 210.25	\$ 150.00	\$ 360.25	\$ 59
14			Reinforcement(3) #5 bar each way, bottom	LBS	12.5	10%	14	0.020	\$ 62.00	\$ 1.24	\$ 0.50	\$ 1.74	\$ 24
15			Formwork	SF	44.0	10%	48	0.090	\$ 28.00	\$ 2.52	\$ -	\$ 2.52	\$ 122
16			Excavation	CY	35.3	10%	39	1.700	\$ 62.00	\$ 105.40	\$ -	\$ 105.40	\$ 4,091
17			Backfill	CY	19.7	10%	22	0.625	\$ 62.00	\$ 38.75	\$ -	\$ 38.75	\$ 841
RETAINING WALL													
18			6" thk. concrete retaining wall w/ reinforcement as required	CY	8.0	10%	9	1.450	\$ 145.00	\$ 210.25	\$ 150.00	\$ 360.25	\$ 3,170
SLAB													
19			4" thk slab on grade w/ 6x6-W10xW10 welded wire mesh	SF	60.5	10%	67	0.057	\$ 46.00	\$ 2.60	\$ 3.20	\$ 5.80	\$ 386
METALS												SUBTOTAL	\$ 1,001
STRUCTURAL STEEL													
DOWELS													
20	S001-S402		#5 bar dowels w/ 8" embedment b/w new & existing footing	LBS	8.3	10%	9	0.045	\$ 62.00	\$ 2.79	\$ 0.65	\$ 3.44	\$ 31
HARDWARE													
21			Allowance provided for structural hardware	LS	1.0	0%	1	0	\$ -	\$ 270.00	\$ 700.00	\$ 970.00	\$ 970
WOOD & PLASTIC												SUBTOTAL	\$ 2,634
ROUGH CARPENTRY													
BEAM													
22			(2) L6"x4"x1/4" lintel beam	LF	31.3	10%	34	0.085	\$ 45.00	\$ 3.83	\$ 9.65	\$ 13.48	\$ 463
23			(2) 2x10 P.T. beam	LF	19.9	10%	22	0.032	\$ 45.00	\$ 1.44	\$ 2.73	\$ 4.17	\$ 91
POST													
24			4x6 PSL post (8'-0" height)	EA	4.0	0%	4	0.650	\$ 45.00	\$ 29.25	\$ 26.00	\$ 55.25	\$ 221
25			6x6 P.T post (8'-0" height)	EA	5.0	0%	5	0.725	\$ 45.00	\$ 32.63	\$ 30.00	\$ 62.63	\$ 313
SHEATHING													
26			CS-WSP: 7/16" APA- rated sheathing w/ 8d nailing	SF	550	10%	605	0.024	\$ 45.00	\$ 1.08	\$ 0.98	\$ 2.06	\$ 1,246
27			3/4" plywood sheathing @ roofing	SF	34	10%	37	0.024	\$ 45.00	\$ 1.08	\$ 1.70	\$ 2.78	\$ 104
JOISTS													
28			2x8 joists @ 16" o.c. (31 LF)	SF	46.5	10%	51	0.021	\$ 45.00	\$ 0.95	\$ 2.17	\$ 3.12	\$ 159
29			2x8 @16" o.c. P.T joists (69 LF)	SF	10.3	10%	11	0.021	\$ 45.00	\$ 0.95	\$ 2.17	\$ 3.12	\$ 35
THERMAL & MOISTURE PROTECTION												SUBTOTAL	\$ 807
ROOFING & ACCESSORIES													
ROOFING													
30	A-101		TPO Roof membrane	SF	34	10%	37	0.056	\$ 44.00	\$ 9.65	\$ 1.34	\$ 10.99	\$ 411
31	A-301		Cover Board	SF	34	10%	37	0.045	\$ 44.00	\$ 1.98	\$ 1.34	\$ 3.32	\$ 124
32			3/4" Gypsum Board Type X.	SF	38	10%	42	0.030	\$ 44.00	\$ 1.32	\$ 1.65	\$ 2.97	\$ 124
32			Roof Insulation	SF	34	10%	37	0.014	\$ 44.00	\$ 0.62	\$ 2.14	\$ 2.76	\$ 103
33			Adhesive Layer	SF	34	10%	37	0.017	\$ 44.00	\$ 0.75	\$ 0.45	\$ 1.20	\$ 45
FINISHES												SUBTOTAL	\$ 16,217
Dry Wall ASSEMBLIES													
2x4 1 HR. Elevator Wall (22 LF)													
34	A-101		1 Layer 5/8" Gypsum Board on Both sides Type X	SF	513	10%	564	0.029	\$ 45.00	\$ 1.31	\$ 1.34	\$ 2.65	\$ 1,492
35	A-301		Weather Resistant Barrier	SF	513	10%	564	0.017	\$ 45.00	\$ 0.77	\$ 1.40	\$ 2.17	\$ 1,221
36			Fiber Cement Panel on Exterior Side	SF	513	10%	564	0.035	\$ 45.00	\$ 1.58	\$ 9.65	\$ 11.23	\$ 6,330
37			2 X 6 Wooden Studs @ 16" O.C.	SF	513	10%	564	0.031	\$ 45.00	\$ 1.40	\$ 1.85	\$ 3.25	\$ 1,830
38			PT 2 X 6 Wood Sill Plate	LF	18	10%	20	0.025	\$ 45.00	\$ 1.13	\$ 1.25	\$ 2.38	\$ 47
39			2 X 6 Double Top Plates	LF	68	10%	75	0.025	\$ 45.00	\$ 1.13	\$ 1.25	\$ 2.38	\$ 178
40			Kraft Faced Fiberglass Insulation Batt (R-21)	SF	513	10%	564	0.014	\$ 45.00	\$ 0.63	\$ 0.87	\$ 1.50	\$ 846
CEILING												SUBTOTAL	\$ 11,944
41	A 201		5/8" Type X Gypsum Board W/ 1/2" 25 GA. Resilient Channel Spaced @ 24" O.C.	SF	38	10%	42	0.038	\$ 45.00	\$ 1.71	\$ 1.85	\$ 3.56	\$ 149
EXTERIOR FINISH												SUBTOTAL	\$ 149
42	A 201		Horizontal Lap Siding @ Elevator	SF	524	10%	577	0.035	\$ 45.00	\$ 1.58	\$ 5.25	\$ 6.83	\$ 3,935

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												SUBTOTAL \$	3,935
PAINT													
43	A 201		Paint @ Ceiling	SF	38	10%	42	0.040	\$ 51.00	\$ 2.04	\$ 2.50	\$ 4.54	\$ 190
												SUBTOTAL \$	190



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CONVEYING EQUIPMENT													SUBTOTAL \$	87,500	
ELEVATORS															
44	A 101		4' X 3'-6" Four Story Hydraulic Elevator (38'-2"H)	EA	1	0%	1			\$ 19,500.00	\$ 68,000.00	\$ 87,500.00	\$ 87,500		
SUBTOTAL \$													87,500		
ELECTRICAL													SUBTOTAL \$	11,790	
DISTRIBUTION															
DISCONNECT SWITCHES															
45	E002		30A, 240V, 1 PH, Fusible Safety Disconnect Switch, NEMA 3R	EA	1	0%	1	1.050	\$ 75.00	\$ 78.75	\$ 242.56	\$ 321.31	\$ 321		
POWER															
CONDUIT															
46	E002		3/4" EMT Conduit	LF	38	10%	42	0.035	\$ 75.00	\$ 2.63	\$ 0.73	\$ 3.36	\$ 139		
CONDUCTOR															
47			#12 CU THHN/THWN	LF	62	10%	68	0.007	\$ 75.00	\$ 0.53	\$ 75.53	\$ 76.05	\$ 5,185		
48			#10 CU THHN/THWN	LF	51	10%	57	0.006	\$ 75.00	\$ 0.45	\$ 75.45	\$ 75.90	\$ 4,291		
DEVICES															
49			Cabinet For Controller Components	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 108.75	\$ 142.50	\$ 143		
50			Elevator Controller	EA	1	0%	1	1.500	\$ 75.00	\$ 112.50	\$ 985.00	\$ 1,097.50	\$ 1,098		
51			Weatherproof, GFCI Duplex Receptacle	EA	1	0%	1	0.300	\$ 75.00	\$ 22.50	\$ 120.00	\$ 142.50	\$ 143		
LIGHTING															
CONDUIT															
52	E001		3/4" EMT Conduit	LF	16	10%	18	0.035	\$ 75.00	\$ 2.63	\$ 0.73	\$ 3.36	\$ 60		
CONDUCTOR															
53			#12 CU THHN/THWN	LF	49	0	5359%	0.007	\$ 75.00	\$ 0.53	\$ 0.29	\$ 0.82	\$ 43.68		
LIGHTING FIXTURES															
54				G: Elevator Pit Wet Listed Fixture, PLT PLT-20049 MTG: Surface Mounted Watts: 50W	EA	1	0%	1	0.375	\$ 75.00	\$ 28.13	\$ 128.00	\$ 156.13	\$ 156.13	
LIGHTING CONTROL															
55			Wet Listed P Toggle Switch	EA	1	0%	1	0.150	\$ 75.00	\$ 11.25	\$ 52.00	\$ 63.25	\$ 63		
MISCELLANEOUS															
56	E002		Junction Box	EA	2	0%	2	0.320	\$ 75.00	\$ 24.00	\$ 50.29	\$ 74.29	\$ 149		
SUBTOTAL \$													11,790		
EARTHWORK													SUBTOTAL \$	1,687	
EARTHWORK															
57			Excavation	CY	18	20%	22		1,700	\$ 55.00	\$ -	\$ 55.00	\$ 1,188		
58			Backfill	CY	13	20%	16		0.625	\$ 32.00	\$ -	\$ 32.00	\$ 499		
SUBTOTAL \$													1,687		
OVERHEAD AND PROFIT											PROJECTED COST	\$ 148,192.7			
Tax											0.1	10%	\$ 14,819.3		
INSURANCE											0.06	6.000%	\$ 5,729.7		
CONTINGENCY											0.03	3%	\$ 4,445.8		
CONTINGENCY											0.05	5%	\$ 7,409.6		
SUGGESTED BID													\$	180,597.08	

Note:

- Please verify the equipment's and their prices with owner.
- Online sources are used for pricing.
- Prices can vary depending upon field conditions.
- Separate Estimate is provide for Building Addition & Elevator Addition

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