PREMIUM ESTIMATING LLC
Construction Cost Estimating • Quantity Takeoffs
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GENERAL SUMMARY

Structural & Misc. Steel estimate · sample

Project: Lil Minibuilder Learning Center
Building: Commercial - Childcare / Learning Center
Scope: Division 05 - Metals (structural steel, joists, deck, misc. metals)
Estimate No.: PE-SAMPLE-STEEL
Prepared by: Darren Wood, Senior Estimator

DIVISION	DESCRIPTION	TOTAL COST	% OF TOTAL
05 00 00	Metals	$299,579	100.0%
	TOTAL TRADE COST	**$299,579**	**100.0%**
	Overhead & Profit	$38,945	13.0%
	TOTAL BASE BID	**$338,524**	

Detailed line items, quantities, labor hours and unit pricing are on the 'Estimate' tab.

Sample estimate: project address, dates and client details removed for confidentiality.

Sample estimate – Structural & Misc. Steel estimate. For format reference only. © Premium Estimating LLC – premiumestimatings.com – (850) 343-4090. Not for reuse c

STRUCTURAL & MISC. STEEL ESTIMATE

Sample estimate · Commercial - Childcare / Learning Center · Quantity takeoff with labor & material pricing

Project: Lil Minibuilder Learning Center
Building: Commercial - Childcare / Learning Center
Scope: Division 05 - Metals (structural steel, joists, deck, misc. metals)

Estimate No.: PE-SAMPLE-STEEL
Prepared by: Darren Wood, Senior Estimator
Trade: Structural & Misc. Steel

S#	Dwg.	CSI	DESCRIPTION / SPECIFICATION	QTY.	WASTE	QTY W/ WASTE	UNIT	UNIT LABOR HR	TOTAL LABOR HR	LABOR RATE /HR	UNIT LABOR COST	TOTAL LABOR COST	UNIT MAT. COST	TOTAL MAT. COST	UNIT PRICE (L+M)	TOTAL
DIVISION 05 – METALS																
			Column													
1		05 00 00	TS 6x6x1/4 (10' H)	380.40	5%	399.42	LBS	0.017	6.60	$70.00	$1.16	$462.14	$1.91	$762.53	$3.07	$1,224.67
2		05 00 00	T6x6x5/16 Column (24' H)	6,693.12	5%	7,027.78	LBS	0.012	81.31	$70.00	$0.81	$5,691.92	$1.91	$13,416.66	$2.72	$19,108.58
3		05 00 00	T6x6x1/4 Column (24' H)	456.48	5%	479.30	LBS	0.017	8.32	$70.00	$1.21	$582.29	$1.91	$915.03	$3.12	$1,497.33
4		05 00 00	TS5x5x1/4" Stub Column (4' H)	312.40	5%	328.02	LBS	0.020	6.51	$70.00	$1.39	$455.43	$1.91	$626.22	$3.30	$1,081.65
5		05 00 00	TS8x8x1/4" (24'H)	2,478.72	5%	2,602.66	LBS	0.012	30.11	$70.00	$0.81	$2,107.94	$1.91	$4,968.71	$2.72	$7,076.64
			Beam													
6		05 00 00	W12x19	5,771.44	5%	6,060.01	LBS	0.012	71.62	$70.00	$0.83	$5,013.28	$1.91	$11,569.11	$2.74	$16,582.40
7		05 00 00	W12x16	1,908.96	5%	2,004.41	LBS	0.017	33.13	$70.00	$1.16	$2,319.15	$1.91	$3,826.60	$3.07	$6,145.75
8		05 00 00	W8x18	373.14	5%	391.80	LBS	0.026	10.36	$70.00	$1.85	$725.31	$1.91	$747.98	$3.76	$1,473.29
9		05 00 00	W12x14	200.20	5%	210.21	LBS	0.026	5.56	$70.00	$1.85	$389.15	$1.91	$401.31	$3.76	$790.46
10		05 00 00	W16x26	1,152.84	5%	1,210.48	LBS	0.012	14.01	$70.00	$0.81	$980.39	$1.91	$2,310.92	$2.72	$3,291.31
11		05 00 00	W14x22	2,700.72	5%	2,835.76	LBS	0.017	46.87	$70.00	$1.16	$3,281.04	$1.91	$5,413.72	$3.07	$8,694.76
12		05 00 00	W18x35	2,086.00	5%	2,190.30	LBS	0.010	21.90	$70.00	$0.70	$1,533.21	$1.91	$4,181.48	$2.61	$5,714.69
			Bracing													
13		05 00 00	L2-1/2"x2-1/2"x1/4" X-Brace	555.43	5%	583.20	LBS	0.026	15.42	$70.00	$1.85	$1,079.64	$1.91	$1,113.38	$3.76	$2,193.02
14		05 00 00	TS4x2x1/4" X Brace	397.19	5%	417.05	LBS	0.026	11.03	$70.00	$1.85	$772.06	$1.91	$796.19	$3.76	$1,568.25
15		05 00 00	TS10x6x5/16"	483.72	5%	507.90	LBS	0.025	12.59	$70.00	$1.74	$881.49	$1.91	$969.64	$3.64	$1,851.12
			Joist													
16		05 00 00	16K2	1,238.25	5%	1,300.16	LBS	0.017	21.49	$70.00	$1.16	$1,504.32	$1.91	$2,482.13	$3.07	$3,986.45
17		05 00 00	18K3	2,517.22	5%	2,643.08	LBS	0.017	43.69	$70.00	$1.16	$3,058.11	$1.91	$5,045.88	$3.07	$8,103.98
18		05 00 00	16KCS2	2,398.70	5%	2,518.64	LBS	0.010	24.98	$70.00	$0.69	$1,748.47	$1.91	$4,808.30	$2.60	$6,556.78
19		05 00 00	18K4	8,288.56	5%	8,702.98	LBS	0.012	100.70	$70.00	$0.81	$7,048.70	$1.91	$16,614.79	$2.72	$23,663.48
20		05 00 00	18KCS3	320.88	5%	336.92	LBS	0.017	5.57	$70.00	$1.16	$389.83	$1.91	$643.22	$3.07	$1,033.05
21		05 00 00	MC10x6.5 @24" OC	2,104.08	5%	2,209.29	LBS	0.012	26.11	$70.00	$0.83	$1,827.68	$1.91	$4,217.73	$2.74	$6,045.41
22		05 00 00	MC12x10.6 @12" OC	650.52	5%	683.05	LBS	0.017	11.29	$70.00	$1.16	$790.30	$1.91	$1,304.00	$3.07	$2,094.30
			Bridging													
23		05 00 00	TS2x2x3/16 Bridging	869.30	5%	912.77	LBS	0.010	9.05	$70.00	$0.69	$633.66	$1.91	$1,742.55	$2.60	$2,376.21
			Deck													
24		05 00 00	1.0C22 Deck	4,612.56	5%	4,843.19	SF	0.020	96.06	$70.00	$1.39	$6,724.43	$2.51	$12,152.00	$3.90	$18,876.43
25		05 00 00	1.5B22 Deck	3,227.90	5%	3,389.30	SF	0.020	67.23	$70.00	$1.39	$4,705.80	$2.84	$9,613.27	$4.22	$14,319.07
			Stringer													
26		05 00 00	MC12x10.6	242.21	5%	254.32	LBS	0.025	6.31	$70.00	$1.74	$441.38	$1.91	$485.52	$3.64	$926.90
			Note: Galvanized steel is Priced Please confirm													
			Trash Enclosure													
			Gate													
27		05 00 00	(8'-0"x10'-8") 1.5"-22 Gauge Steel Gate Painted	1.00	0%	1.00	EA	3.661	3.66	$70.00	$256.28	$256.28	$1,221.82	$1,221.82	$1,478.10	$1,478.10
			Bollard													
28		05 00 00	6" Dia Steel Pipe Filled W/ Concrete & Painted Yellow	4.00	0%	4.00	EA	1.745	6.98	$70.00	$122.18	$488.73	$219.18	$876.73	$341.36	$1,365.45
			Walls													
29		05 00 00	6" External Metal Wall (27' H)	228.37	0%	228.37	EA	0.000	0.00	$70.00	$0.00	-	$0.00	-	$0.00	-

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S#	Dwg.	CSI	DESCRIPTION / SPECIFICATION	QTY.	WASTE	QTY W/ WASTE	UNIT	UNIT LABOR HR	TOTAL LABOR HR	LABOR RATE /HR	UNIT LABOR COST	TOTAL LABOR COST	UNIT MAT. COST	TOTAL MAT. COST	UNIT PRICE (L+M)	TOTAL
30		05 00 00	6" Top & Bottom Runner	456.74	5%	479.58	LF	0.029	13.87	$70.00	$2.02	$971.04	$1.73	$828.36	$3.75	$1,799.40
31		05 00 00	6" Metal Studs @16" OC (27' H)	171.71	0%	171.71	EA	0.810	139.07	$70.00	$56.69	$9,734.78	$48.36	$8,304.36	$105.06	$18,039.14
32		05 00 00	5/8" Type X Gypsum Board	6,165.99	5%	6,474.29	SF	0.015	96.31	$70.00	$1.04	$6,741.82	$0.50	$3,213.60	$1.54	$9,955.42
33		05 00 00	1/2" Cement Board	6,165.99	5%	6,474.29	SF	0.015	96.31	$70.00	$1.04	$6,741.82	$0.80	$5,155.89	$1.84	$11,897.71
34		05 00 00	2 Layer Of Weather Barrier	12,331.98	5%	12,948.58	SF	0.002	21.40	$70.00	$0.12	$1,498.18	$0.19	$2,495.54	$0.31	$3,993.73
35		05 00 00	R-19 Insulation	6,165.99	5%	6,474.29	SF	0.008	53.51	$70.00	$0.58	$3,745.46	$0.59	$3,825.72	$1.17	$7,571.17
36		05 00 00	Sealant	456.74	5%	479.58	LF	0.012	5.95	$70.00	$0.87	$416.16	$0.10	$47.96	$0.97	$464.12
37		05 00 00	(P1) Metal Internal Wall (24' H)	214.64	0%	214.64	EA	0.000	0.00	$70.00	$0.00	-	$0.00	-	$0.00	-
38		05 00 00	3-5/8" Top & Bottom Runner	429.28	5%	450.74	LF	0.025	11.18	$70.00	$1.74	$782.28	$1.27	$573.67	$3.01	$1,355.96
39		05 00 00	3-5/8" 20 gauge Metal Studs @24" OC (24' H)	107.32	0%	107.32	EA	0.595	63.86	$70.00	$41.65	$4,470.19	$30.55	$3,278.14	$72.20	$7,748.33
40		05 00 00	5/8" Gypsum Board	10,302.72	5%	10,817.86	SF	0.015	160.93	$70.00	$1.04	$11,264.87	$0.39	$4,248.47	$1.43	$15,513.34
41		05 00 00	R-13 Insulation	5,151.36	5%	5,408.93	SF	0.008	44.70	$70.00	$0.58	$3,129.13	$1.02	$5,507.27	$1.60	$8,636.40
42		05 00 00	Fire Sealant	858.56	5%	901.49	LF	0.012	11.18	$70.00	$0.87	$782.28	$0.19	$172.10	$1.06	$954.39
43		05 00 00	(P1)Plumbing Metal Internal Wall (24' H)	59.13	0%	59.13	EA	0.000	0.00	$70.00	$0.00	-	$0.00	-	$0.00	-
44		05 00 00	3-5/8" Top & Bottom Runner	118.26	5%	124.17	LF	0.025	3.08	$70.00	$1.74	$215.51	$1.27	$158.04	$3.01	$373.55
45		05 00 00	3-5/8" 20 gauge Metal Studs @24" OC (24' H)	29.57	0%	29.57	EA	0.595	17.59	$70.00	$41.65	$1,231.47	$30.55	$903.08	$72.20	$2,134.54
46		05 00 00	5/8" Moisture Resistant Gypsum Board	2,838.24	5%	2,980.15	SF	0.015	44.33	$70.00	$1.04	$3,103.30	$0.50	$1,500.91	$1.54	$4,604.21
47		05 00 00	R-13 Insulation	1,419.12	5%	1,490.08	SF	0.008	12.31	$70.00	$0.58	$862.03	$1.02	$1,517.17	$1.60	$2,379.20
48		05 00 00	Fire Sealant	236.52	5%	248.35	LF	0.012	3.08	$70.00	$0.87	$215.51	$0.19	$47.41	$1.06	$262.92
49		05 00 00	(P2) Metal Internal Wall (20' H)	151.81	0%	151.81	EA	0.000	0.00	$70.00	$0.00	-	$0.00	-	$0.00	-
50		05 00 00	3-5/8" Top & Bottom Runner	303.62	5%	318.80	LF	0.025	7.90	$70.00	$1.74	$553.29	$1.27	$405.75	$3.01	$959.04
51		05 00 00	3-5/8" 25 gauge Metal Studs @24" OC (20' H)	75.91	0%	75.91	EA	0.496	37.64	$70.00	$34.71	$2,634.72	$25.45	$1,932.13	$60.17	$4,566.85
52		05 00 00	5/8" Gypsum Board	6,072.40	5%	6,376.02	SF	0.015	94.85	$70.00	$1.04	$6,639.49	$0.39	$2,504.04	$1.43	$9,143.53
53		05 00 00	R-13 Insulation	3,036.20	5%	3,188.01	SF	0.008	26.35	$70.00	$0.58	$1,844.30	$1.02	$3,245.97	$1.60	$5,090.28
54		05 00 00	Acoustical Sealant	607.24	5%	637.60	LF	0.012	7.90	$70.00	$0.87	$553.29	$0.10	$63.76	$0.97	$617.05
55		05 00 00	(P3) Metal Internal Wall (10' H)	114.92	0%	114.92	EA	0.000	0.00	$70.00	$0.00	-	$0.00	-	$0.00	-
56		05 00 00	6" Top & Bottom Runner	229.84	5%	241.33	LF	0.029	6.98	$70.00	$2.02	$488.65	$1.73	$416.85	$3.75	$905.49
57		05 00 00	6" 25 gauge Metal Studs @24" OC (10' H)	57.46	0%	57.46	EA	0.289	16.62	$70.00	$20.25	$1,163.45	$17.27	$992.49	$37.52	$2,155.94
58		05 00 00	5/8" Gypsum Board	4,596.80	5%	4,826.64	SF	0.015	71.80	$70.00	$1.04	$5,026.09	$0.39	$1,895.55	$1.43	$6,921.64
59		05 00 00	R-13 Batt Insulation	1,149.20	5%	1,206.66	SF	0.008	9.97	$70.00	$0.58	$698.07	$1.02	$1,228.60	$1.60	$1,926.67
60		05 00 00	Acoustical Sealant	229.84	5%	241.33	LF	0.012	2.99	$70.00	$0.87	$209.42	$0.10	$24.13	$0.97	$233.55
61		05 00 00	Fire Sealant	229.84	5%	241.33	LF	0.012	2.99	$70.00	$0.87	$209.42	$0.19	$46.07	$1.06	$255.49
			SUBTOTAL – DIVISION 05 – METALS						**1,883.1**			**$131,818**		**$167,760**		**$299,579**

Total Labor Hours	1,883.1
Total Labor Cost	$131,818
Total Material Cost	$167,760

TOTAL TRADE COST		$299,579
Overhead & Profit	13.0%	$38,945
TOTAL BASE BID		$338,524

CLARIFICATIONS & EXCLUSIONS

1 Quantities are taken off from the construction drawings provided; pricing reflects local labor and material rates at the time of the estimate.

2 Unit labor hours are shown at the stated labor rate; material includes the waste allowance shown for each item.

3 Permits, utility company fees, testing and inspections are excluded unless listed above.

4 Sales tax and bonds are excluded unless listed above.

5 Work not shown in the drawings or not listed in this estimate is excluded.

6 SAMPLE: project address, dates and client details have been removed for confidentiality.

Prepared by: Darren Wood, Senior Estimator · Premium Estimating LLC · plans.premiume@gmail.com · (850) 343-4090

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