



Estimate of Materials and Cost of Construction

Summary Amount
 Subtotal \$ 660,851
 Profit/Overhead \$ 3,068
 Total \$ 663,919

ITEM #	PAGE REFERENCE	DESCRIPTION	LENGHT	UNIT WEIGHT	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	ITEM COST	TRADE COST
METAL											\$ 12,270
Joists											
1	S-102,S-105	(2)10"-14GA joist header	12	6.66	80	10%	88	lbs	\$ 5.00	\$ 440	
2	S-102,S-105	(3)10"-14GA joist header	10	9.99	100	10%	110	lbs	\$ 5.00	\$ 550	
3	S-102,S-105	1000S162-68 (10"-14GA)(50KSi) metal joist	1,010	3.33	3,363	10%	3,700	lbs	\$ 5.00	\$ 18,500	
4	S-102,S-105	12K3	35		35	10%	39	lf	\$ 22.00	\$ 847	
5	S-102,S-105	14K3	1,021		1,021	10%	1,124	lf	\$ 26.00	\$ 29,211	
6	S-102,S-105	18K4	740		740	10%	814	lf	\$ 28.00	\$ 22,792	
7	S-102,S-105	2.5K3	31		31	10%	35	lf	\$ 33.00	\$ 1,139	
8	S-102,S-105	24K6	125		125	10%	138	lf	\$ 35.00	\$ 4,813	
Deck											
9	S-102,S-105	1-1/2"-20GA galvanized roof deck			8,553	10%	9,409	sf	\$ 8.00	\$ 75,268	
Column											
10	S-102,S-105	C1: HSS 8x8x1/2	16	48.85	782	10%	860	lbs	\$ 4.80	\$ 4,128	
11	S-102,S-105	C2: HSS 8x8x3/8	48	37.69	1,809	10%	1,991	lbs	\$ 4.80	\$ 9,554	
12	S-102,S-105	C4: W12x96	64	96.00	6,144	10%	6,759	lbs	\$ 4.80	\$ 32,441	
13	S-102,S-105	C5: W12x76	16	76.00	1,216	10%	1,338	lbs	\$ 4.80	\$ 6,422	
14	S-102,S-105	C6: W10x68	48	68.00	3,264	10%	3,591	lbs	\$ 4.80	\$ 17,234	
15	S-102,S-105	C7: W10x49	224	49.00	10,976	10%	12,074	lbs	\$ 4.80	\$ 57,955	
16	S-102,S-105	C9: HSS 5x5x1/4	32	15.62	500	10%	550	lbs	\$ 4.80	\$ 2,640	
Beams											
17	S-102,S-105	HSS 10x6x5/16	109	31.84	3,471	10%	3,818	lbs	\$ 4.80	\$ 18,326	
18	S-102,S-105	HSS 10x8x3/16	96	22.18	2,129	10%	2,343	lbs	\$ 4.80	\$ 11,244	
19	S-102,S-105	HSS 10x8x5/16	19	36.10	686	10%	755	lbs	\$ 4.80	\$ 3,622	
20	S-102,S-105	HSS 12x8x5/16	97	40.35	3,914	10%	4,306	lbs	\$ 4.80	\$ 20,666	
21	S-102,S-105	HSS 6x6x1/4	13	19.02	247	10%	272	lbs	\$ 4.80	\$ 1,306	
22	S-102,S-105	HSS 8x8x1/4	256	25.82	6,610	10%	7,271	lbs	\$ 4.80	\$ 34,901	
23	S-102,S-105	W12x26	100	26.00	2,600	10%	2,860	lbs	\$ 4.80	\$ 13,728	
24	S-102,S-105	W12x35	23	35.00	805	10%	886	lbs	\$ 4.80	\$ 4,250	
25	S-102,S-105	W12x50	107	50.00	5,350	10%	5,885	lbs	\$ 4.80	\$ 28,248	
26	S-102,S-105	W12x53	19	53.00	1,007	10%	1,108	lbs	\$ 4.80	\$ 5,318	
27	S-102,S-105	W12x72	29	72.00	2,088	10%	2,297	lbs	\$ 4.80	\$ 11,026	
28	S-102,S-105	W12x79	68	79.00	5,372	10%	5,910	lbs	\$ 4.80	\$ 28,366	
29	S-102,S-105	W14x22	64	22.00	1,408	10%	1,549	lbs	\$ 4.80	\$ 7,435	
30	S-102,S-105	W14x61	29	61.00	1,769	10%	1,946	lbs	\$ 4.80	\$ 9,341	
31	S-102,S-105	W16x40	29	40.00	1,160	10%	1,276	lbs	\$ 4.80	\$ 6,125	
32	S-102,S-105	W16x50	29	50.00	1,450	10%	1,595	lbs	\$ 4.80	\$ 7,656	
33	S-102,S-105	W16x57	126	57.00	7,182	10%	7,901	lbs	\$ 4.80	\$ 37,922	

ITEM #	PAGE REFERENCE	DESCRIPTION	LENGHT	UNIT WEIGHT	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	ITEM COST	TRADE COST	
34	S-102,S-105	W18x35	46	35.00	1,610	10%	1,771	lbs	\$ 4.80	\$ 8,501		
35	S-102,S-105	W18x40	46	40.00	1,840	10%	2,024	lbs	\$ 4.80	\$ 9,715		
36	S-102,S-105	W18x46	111	46.00	5,106	10%	5,617	lbs	\$ 4.80	\$ 26,962		
37	S-102,S-105	W18x60	29	60.00	1,740	10%	1,914	lbs	\$ 4.80	\$ 9,187		
38	S-102,S-105	W18x71	39	71.00	2,769	10%	3,046	lbs	\$ 4.80	\$ 14,621		
39	S-102,S-105	W21x73	71	73.00	5,183	10%	5,702	lbs	\$ 4.80	\$ 27,367		
		Kicker										
40	S-102,S-105	HSS6x6x1/4 kicker	15	19.02	285	10%	314	lbs	\$ 4.80	\$ 1,507		
41	S-102,S-105	HSS6x6x3/8 kicker	52	27.48	1,429	10%	1,572	lbs	\$ 4.80	\$ 7,546		
		Bridging & Bracing										
42	S-102,S-105	Cont bridging	76		76	10%	84	lf	\$ 22.00	\$ 1,848		
43	S-102,S-105	Joist bridging	97		97	10%	107	lf	\$ 28.00	\$ 2,996		
44	S-102,S-105	L3x3x1/4 Cross bracing	190	4.90	931	10%	1,025	lbs	\$ 4.80	\$ 4,918		
		Hangers										
45	S-102,S-105	(2) S/HD10S hanger			4	0%	4	ea	\$ 125.0	\$ 500		
46	S-102,S-105	(2) S/HD15B hanger			14	0%	14	ea	\$ 200.0	\$ 2,800		
47	S-102,S-105	(2) S/HDU9 hanger			10	0%	10	ea	\$ 150.0	\$ 1,500		
48	S-102,S-105	S/HD10S hanger			5	0%	5	ea	\$ 75.0	\$ 375		
49	S-102,S-105	S/HDU4 hanger			20	0%	20	ea	\$ 90.0	\$ 1,800		
50	S-102,S-105	S/HDU9 hanger			21	0%	21	ea	\$ 35.0	\$ 735		
		Base Plates										
51	S-102,S-105	HSS4X4X1/8 BP1 baseplate			3	0%	3	ea	\$ 125.0	\$ 375		
52	S-102,S-105	HSS5X5X1/8 BP1 baseplate			2	0%	2	ea	\$ 135.0	\$ 270		
53	S-102,S-105	HSS5X5X3/16 BP1 baseplate			3	0%	3	ea	\$ 135.0	\$ 405		
54	S-102,S-105	HSS6X6X1/4 BP1 baseplate			9	0%	9	ea	\$ 150.0	\$ 1,350		
55	S-102,S-105	HSS6X6X1/4 BP2 baseplate			1	0%	1	ea	\$ 150.0	\$ 150		
56	S-102,S-105	HSS6X6X1/8 BP1 baseplate			5	0%	5	ea	\$ 150.0	\$ 750		
57	S-102,S-105	HSS6X6X1/8 BP2 baseplate			1	0%	1	ea	\$ 150.0	\$ 150		
58	S-102,S-105	HSS6X6X3/8 BP2 baseplate			1	0%	1	ea	\$ 150.0	\$ 150		
59	S-102,S-105	HSS6X6X3/16 BP1 baseplate			4	0%	4	ea	\$ 160.0	\$ 640		
60	S-102,S-105	HSS6X6X3/16 BP2 baseplate			1	0%	1	ea	\$ 160.0	\$ 160		
61	S-102,S-105	HSS6X6X5/8 BP1 baseplate			1	0%	1	ea	\$ 160.0	\$ 160		
SUB TOTAL										\$ 660,851	\$ 12,270	
INSURANCE										3%	\$ 19,826	\$ 368
OVERHEAD AND PROFIT										22%	\$ 145,387	\$ 2,699
TOTAL BASE BID										\$ 826,064	\$ 15,338	

General Notes: The prices used while preparing the estimate were taken from RSMMeans online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review the prices.

- Note**
- The drawings are scaled as per the mentioned scales on the plans.
 - The prices used are standard prices, unless otherwise noted.

- Exclusions**
- Union Wages

- Legend**
- F.C = Waste or diff. factor
 - sf = square feet
 - lf = linear feet
 - ea = each
 - cy = cubic yard
 - sy = square yard
 - loc = location
 - ls = lump sum