



ITEM	DWG NO.	CSI NO	DESCRIPTION	QTY.	Wastage	Qty w/ Wastage	UNIT	Unit Material Cost	Unit Labor Cost	Total Material Cost	Total Labor Cost	TOTAL COST
<b>010000 DIVISION 01 — GENERAL REQUIREMENTS</b>												
1			Submittal Procedures	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
2			Temporary Facilities and Controls	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
3			Closeout Procedures	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
4			Payment Procedures	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
5			Contract Modification Procedures	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
6			Maintenance & Traffic Protection	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
7			Final Cleanup	1	0%	1	LS	\$ -	\$ -	\$0	\$0	\$0
<b>Subtotal</b>										<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>050000 DIVISION-05 METALS</b>												
<b>BASE PLATE</b>												
<b>Base Plate A</b>												
8	S100 - S200		(10"x10"x3/4") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	128	10%	140	LBS	\$ 3.16	\$ 1.8	\$443	\$245	\$689
9	S100 - S200		(12"x12"x3/4") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	245	10%	269	LBS	\$ 3.16	\$ 1.8	\$851	\$471	\$1,322
10	S100 - S200		(14"x14"x1") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	56	10%	61	LBS	\$ 3.16	\$ 1.8	\$193	\$107	\$300
11	S100 - S200		(14"x14"x3/4") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	125	10%	138	LBS	\$ 3.16	\$ 1.8	\$435	\$241	\$675
<b>Base Plate B</b>												
12	S100 - S200		(9"x10"x3/4") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	57	10%	63	LBS	\$ 3.16	\$ 1.8	\$200	\$110	\$310
13	S100 - S200		(10"x12"x3/4") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	26	10%	28	LBS	\$ 3.16	\$ 1.8	\$89	\$49	\$138
<b>Base Plate C</b>												
14	S100 - S200		(12"x12"x3/4") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	122	10%	135	LBS	\$ 3.16	\$ 1.8	\$425	\$236	\$661
15	S100 - S200		(14"x14"x1") Base Plate W/ (4)3/4 Diax1/2" Embedded Anchor Bolts	55	10%	61	LBS	\$ 3.16	\$ 1.8	\$191	\$106	\$297
<b>Base Plate D</b>												
16	S100 - S200		(17"x11"x1") Base Plate W/ (6)1" Anchor Rods	848	10%	932	LBS	\$ 3.16	\$ 1.8	\$2,946	\$1,631	\$4,577
<b>Base Plate E</b>												
17	S100 - S200		(23"x11"x1") Base Plate W/ (8)1" Anchor Rods	143	10%	158	LBS	\$ 3.16	\$ 1.8	\$498	\$276	\$774
<b>Base Plate F</b>												
18	S100 - S200		(9'-1/2"x17"x1") Base Plate W/ (4)1" Anchor Rods	92	10%	101	LBS	\$ 3.16	\$ 1.8	\$318	\$176	\$494
19	S100 - S200		(7'-1/2"x11"x1") Base Plate W/ (4)1" Anchor Rods	47	10%	51	LBS	\$ 3.16	\$ 1.8	\$162	\$90	\$252
<b>Base Plate G</b>												
20	S100 - S200		(22"x15"x1-1/4") Base Plate W/ (6)1" Anchor Rods	234	10%	257	LBS	\$ 3.16	\$ 2.0	\$812	\$506	\$1,319
<b>Base Plate H</b>												
21	S100 - S200		(20"x10"x1/2") Base Plate W/ (6)1" Anchor Rods	113	10%	125	LBS	\$ 3.16	\$ 2.0	\$394	\$246	\$639
<b>Steel Plate</b>												
	S100 - S200		1/2"x3" Steel Plate W/ (2)3/4" Dia Anchors	230	10%	253	LBS	\$ 3.16	\$ 1.8	\$799	\$443	\$1,242
<b>STEEL COLUMNS 12" H (ASSUMED)</b>												
	S100 - S200		HSS4x4x1/4 (28 EA)	4103	10%	4513	LBS	\$ 3.70	\$ 2.2	\$16,697	\$9,973	\$26,671
	S100 - S200		HSS5x5x1/4 (31 EA)	1937	10%	2131	LBS	\$ 3.70	\$ 2.2	\$7,883	\$4,709	\$12,592
	S100 - S200		HSS5x5x3/8 (1 EA)	268	10%	295	LBS	\$ 3.70	\$ 2.2	\$1,093	\$653	\$1,745
	S100 - S200		HSS5x5x5/16 (6 EA)	1374	10%	1511	LBS	\$ 3.70	\$ 2.2	\$5,591	\$3,340	\$8,931
	S100 - S200		HSS6x6x3/8 (16 EA)	5276	10%	5804	LBS	\$ 3.70	\$ 2.2	\$21,474	\$12,826	\$34,300
	S100 - S200		HSS8.625x0.375 (3 EA)	1192	10%	1311	LBS	\$ 4.56	\$ 2.2	\$5,977	\$2,897	\$8,874
	S100 - S200		HSS8x8x1/2 (4 EA)	2304	10%	2534	LBS	\$ 4.56	\$ 2.2	\$11,557	\$5,601	\$17,158
<b>BEAMS</b>												
	S100 - S200		C12x20.7	1283	10%	1411	LBS	\$ 1.76	\$ 0.9	\$2,484	\$1,270	\$3,754
	S100 - S200		HSS4x4x1/4	573	10%	630	LBS	\$ 1.29	\$ 0.9	\$813	\$567	\$1,380
	S100 - S200		HSS7x3x1/4	927	10%	1019	LBS	\$ 1.45	\$ 0.9	\$1,478	\$918	\$2,396
	S100 - S200		HSS7x7x1/2	1176	10%	1294	LBS	\$ 1.45	\$ 0.9	\$1,876	\$1,164	\$3,040
	S100 - S200		HSS7x7x5/16	1723	10%	1895	LBS	\$ 1.45	\$ 0.9	\$2,748	\$1,705	\$4,453
	S100 - S200		HSS10x4x5/16	1586	10%	1745	LBS	\$ 1.86	\$ 0.9	\$3,246	\$1,571	\$4,817
	S100 - S200		HSS12x6x1/2	1575	10%	1733	LBS	\$ 1.86	\$ 0.9	\$3,223	\$1,559	\$4,782
	S100 - S200		HSS12x6x5/16	1420	10%	1562	LBS	\$ 1.86	\$ 0.9	\$2,905	\$1,406	\$4,311
	S100 - S200		HSS6x3x1/4	792	10%	872	LBS	\$ 1.29	\$ 0.9	\$1,124	\$784	\$1,909
	S100 - S200		W10x15	3136	10%	3450	LBS	\$ 1.89	\$ 0.9	\$6,520	\$3,105	\$9,625
	S100 - S200		W10x12	384	10%	422	LBS	\$ 1.89	\$ 3.7	\$798	\$1,550	\$2,349
	S100 - S200		W10x21	192	10%	211	LBS	\$ 1.89	\$ 3.7	\$399	\$774	\$1,173
	S100 - S200		W10x30	1355	10%	1491	LBS	\$ 1.89	\$ 3.7	\$2,818	\$5,472	\$8,290
	S100 - S200		W12x16	1753	10%	1929	LBS	\$ 2.16	\$ 3.7	\$4,166	\$7,078	\$11,244
	S100 - S200		W12x19	23951	10%	26346	LBS	\$ 2.16	\$ 3.7	\$56,907	\$96,689	\$153,595
	S100 - S200		W12x40	1378	10%	1516	LBS	\$ 2.16	\$ 3.7	\$3,274	\$5,563	\$8,837
	S100 - S200		W12x65	2272	10%	2499	LBS	\$ 2.16	\$ 3.7	\$5,398	\$9,171	\$14,569
	S100 - S200		W14x22	18551	10%	20406	LBS	\$ 2.16	\$ 3.7	\$44,078	\$74,892	\$118,969
	S100 - S200		W16x26	15867	10%	17454	LBS	\$ 2.37	\$ 3.9	\$41,365	\$67,546	\$108,911
	S100 - S200		W16x31	8703	10%	9574	LBS	\$ 2.37	\$ 3.9	\$22,689	\$37,050	\$59,739
	S100 - S200		W18x35	7759	10%	8535	LBS	\$ 2.68	\$ 3.9	\$22,874	\$33,031	\$55,905
	S100 - S200		W18x40	4965	10%	5461	LBS	\$ 2.68	\$ 3.9	\$14,636	\$21,135	\$35,771
	S100 - S200		W21x44	5529	10%	6081	LBS	\$ 2.68	\$ 3.9	\$16,298	\$23,535	\$39,834
	S100 - S200		W24x55	7984	10%	8783	LBS	\$ 3.20	\$ 4.1	\$28,105	\$36,185	\$64,290
	S100 - S200		W30x90	3569	10%	3926	LBS	\$ 3.67	\$ 4.1	\$14,410	\$16,177	\$30,586
	S100 - S200		W8x21	914	10%	1005	LBS	\$ 1.87	\$ 4.1	\$1,880	\$4,141	\$6,020
	S100 - S200		W8x24	770	10%	847	LBS	\$ 1.87	\$ 4.1	\$1,584	\$3,489	\$5,073
<b>ANGLE</b>												
	S100 - S200		L3x3x1/4 Angle	5835	10%	6418	LBS	\$ 1.24	\$ 0.9	\$7,959	\$5,584	\$13,543
	S100 - S200		L2x2x3/16	36	10%	40	LBS	\$ 1.24	\$ 0.9	\$50	\$35	\$85
	S100 - S200		L5x3x3/8	287	10%	315	LBS	\$ 1.24	\$ 0.9	\$391	\$274	\$665
	S100 - S200		L4x4x1/4 Angle	137	10%	151	LBS	\$ 1.24	\$ 0.9	\$187	\$131	\$318
	S100 - S200		L6x4x5/16	2039	10%	2243	LBS	\$ 1.24	\$ 0.9	\$2,782	\$1,952	\$4,733
	S100 - S200		L4x4x5/16	401	10%	441	LBS	\$ 1.24	\$ 0.9	\$547	\$384	\$931
<b>CFMF ENGINEERS</b>												
22	S100 - S200		Cold Form Metal Framing by CFMF Engr 9' L	22	10%	25	LF	\$ 7.34	\$ 12.7	\$181	\$313	\$494
<b>PLATES</b>												
23	S100 - S200		1/4" Bent Plate	270	10%	297	LF	\$ 5.62	\$ 2.8	\$1,668	\$843	\$2,511

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24	S100 - S200		1/2"x9" Full Depth Stiffner Plate	21	10%	23	LF	\$ 3.56	\$ 1.9	\$83	\$43	\$126
25	S100 - S200		3/4"x12" Full Depth Stiffner Plate	60	10%	66	LF	\$ 3.56	\$ 1.9	\$236	\$123	\$359
			<b>LATERAL BRACING</b>									
26	S100 - S200		HSS4x4x1/4	9157	10%	10072	LBS	\$ 1.29	\$ 0.9	\$12,993	\$9,065	\$22,058
27	S100 - S200		HSS5x5x5/16	2507	10%	2758	LBS	\$ 1.29	\$ 0.9	\$3,557	\$2,482	\$6,039
			<b>CUSTOM TRUSS</b>									
28	S100 - S200		W16x40	5186	10%	5704	LBS	\$ 2.37	\$ 3.9	\$13,519	\$22,075	\$35,594
29	S100 - S200		HSS4x4x3/8	1919	10%	2111	LBS	\$ 2.37	\$ 3.9	\$5,004	\$8,171	\$13,174
			<b>STAIR PAN</b>									
30	S100 - S200		Stair Pan by Steel Fabricator	177	10%	194	SF	\$ 18.54	\$ 8.9	\$3,600	\$1,736	\$5,336
			<b>POST</b>									
31	S100 - S200		HSS4x4x1/4 @ 48"	244	10%	268	LBS	\$ 1.29	\$ 0.9	\$346	\$242	\$588
			<b>GRATING</b>									
32	S100 - S200		1-1/4"x3/16" Galv. Steel Bar Grating	124	10%	137	SF	\$ 29.64	\$ 14.7	\$4,050	\$2,006	\$6,056
			<b>JOISTS</b>									
33	S100 - S200		8" CFMF Roof Joists @ 24" OC by CFMF Engr.	95	10%	105	LF	\$ 7.23	\$ 5.2	\$756	\$544	\$1,300
34	S100 - S200		16K3 Metal Joists	523	10%	575	LF	\$ 11.74	\$ 5.8	\$6,753	\$3,348	\$10,100
35	S100 - S200		20K3 Metal Joists	412	10%	453	LF	\$ 14.85	\$ 6.4	\$6,722	\$2,906	\$9,629
36	S100 - S200		20KS3Metal Joists	187	10%	206	LF	\$ 14.85	\$ 6.4	\$3,059	\$1,322	\$4,381
			<b>ROOF DECK</b>									
37	S100 - S200		1.5 Type b Steel Roof Deck	13920	10%	15312	SF	\$ 2.24	\$ 1.3	\$34,300	\$20,212	\$54,512
			<b>FLOOR DECK</b>									
38	S100 - S200		3" NW Concrete Over 2VLI-20 Composite Steel Deck (5" Total Thickness)	8095	10%	8904	SF	\$ 2.78	\$ 1.5	\$24,754	\$13,178	\$37,932
			<b>EQUIPMENTS</b>									
39	S100 - S200		Crane	1	0%	1	LS	\$ 35,000.00	\$ 16,000.0	\$35,000	\$16,000	\$51,000
	A605											
			<b>Subtotal</b>									
			<b>TOTAL AMOUNT</b>									
			Contingencies (5%)									
			Overhead and Profit (10%)									
			<b>TOTAL BASE BID</b>									
										\$555,618.55	\$615,427.81	\$1,171,046.36
										\$27,781	\$30,771	\$58,552
										\$55,562	\$61,543	\$117,105
										\$638,961	\$707,742	\$1,346,703