

SR #	CSI SECT	DESCRIPTION	QUANTITY	WASTAGE (10%)	QTY WITH WASTAGE	UNIT OF MEASUREMENT	WEIGHT (LBS)/LF	TOTAL WEIGHT (LBS)	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
	DIV. 05	METALS									\$ 1,324,888
		Platform Structure									
		Metal Channels									
1		Metal Channel C10X15.3	76	10%	83	LF	15.30	1,275.55	\$ 4.3	\$ 5,485	
2		Metal Channel C8X11.5	234	10%	257	LF	11.50	2,958.46	\$ 4.3	\$ 12,721	
		W-Sections									
3		Steel Section W10X30	262	10%	288	LF	30.00	8,652.93	\$ 4.3	\$ 37,208	
4		Steel Section W12X35	142	10%	156	LF	35.00	5,466.23	\$ 4.3	\$ 23,505	
5		Steel Section W12X40	440	10%	484	LF	40.00	19,341.08	\$ 4.3	\$ 83,167	
6		Steel Section W8X21	120	10%	132	LF	21.00	2,772.69	\$ 4.3	\$ 11,923	
		L-Sections									
7		Metal Section L-2X2X1/4" W/ (@) 3/4" Dia Bolts @Each	22	10%	24	LF	3.19	75.76	\$ 4.3	\$ 326	
8		End Metal Section L-3X3X1/4" W/ (@) 3/4" Dia Bolts @Each	52	10%	57	LF	4.90	280.82	\$ 4.3	\$ 1,208	
9		End Metal Section L-4X3X1/4" W/ (@) 3/4" Dia Bolts @Each	944	10%	1,038	LF	5.80	6,022.15	\$ 4.3	\$ 25,895	
		End								\$ -	
		Steel Piping									
10		6" Dia Pipe X5-1/4"	88	10%	97	LF	36.43	3,526.42	\$ 4.3	\$ 15,164	

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11	8" Dia Pipe X5-1/4" Metal Grating	124	10%	136	LF	43.29	5,904.76	\$	4.3	\$	25,390
12	1-1/4"X3/16" Serrated Bar Grating (Secured With HoldDown Clips), Grating Has 1/4" Gap Between Grating						8,021.97	\$	4.3	\$	34,494
	11.10 Edge & Back Of Handrail Post (Grating Flush W/ W12 Flgs)	657	10%	723	SF						
13	Steel Plates 1/2" Steel Plate W/ (6) 1" Dia A325 Bolts	14	0%	14	EA			\$	100.0	\$	1,400
14	12"X10"X3/4" Steel Plate W/ (4) 1-1/4" Dia Holes For 1" Dia Anchor Bolts	12	0%	12	EA			\$	40.0	\$	480

153	8" Steel Plate (Plate Size 30"X30"X3/8")	28 0%	28 EA \$	60.0 \$	1,680	163/8" Steel Plate W/ (2) 1" Dia A325 Bolts	52 0%	52 EA \$	40.0 \$
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2,080

173/8" Steel Plate W/ (3) 1" Dia A325 Bolts	30	0%	30	EA	\$	40.0	\$	1,200					
183/8" Steel Plate W/ (3) 1" Dia A325 Bolts	132 0%	132 EA	\$	40.0	\$	5,280	193/8" Steel Plate W/ (4) 1" Dia A325 Bolts	18 0%	18 EA	\$	60.0	\$	60.0
1,080 203/8" Steel Plate W/ (6) 1" Dia A325 Bolts And 3/8"													

	12	0%	12	EA	\$	100.0	\$	1,200
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Stiffeners

213/8"X5 1/2" Steel Plate W/ (5) 3/4" Dia A325 Bolts	12	0%	12	EA	\$	60.0	\$	720
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WSAC & PCR Pipe Building Racks For Fel-3

L-Sections

22Steel Section L-4X4X3/8"	1,648	10%	1,813	LF	9.80	17,765.44	\$	4.3	\$	76,391
23Steel Section L-6X4X3/8"	384	10%	422	LF	12.30	5,195.52	\$	4.3	\$	22,341

W-Sections

24Steel Section W10X30				160	10%	176	LF	30.00	5,280.00	\$	4.3	\$	22,704	
25Steel Section W10X33	802 10%	882 LF 33.00	29,112.60	\$	4.3	\$	125,184	26Steel Section W10X49	1,185 10%	1,304 LF 49.00	63,871.50	\$	4.3	\$
274,647														
27Steel Section W12X30				180	10%	198	LF	30.00	5,940.00	\$	4.3	\$	25,542	
28Steel Section W14X43				476	10%	524	LF	43.00	22,514.80	\$	4.3	\$	96,814	
29Steel Section W8X18				280	10%	308	LF	18.00	5,544.00	\$	4.3	\$	23,839	
30Steel Section W8X24	420 10%	462	LF	24.00	11,088.00	\$	4.3	\$	47,678	31Steel Section W8X31				
	880 10%	968	LF	31.00	30,008.00	\$	4.3	\$	129,034					
32Steel Section Wt6X25				540	10%	594	LF	25.00	14,850.00	\$	4.3	\$	63,855	

Roof Ladders #1

13'-0 7/8" High Roof Ladder With (3/4" Dia Smooth Rd
1

Bars) And (3/8"X3" Ladder Rail Bars)

333/8"X3" Ladder Rail Bars				27	10%	30	LF	3.83	113.75	\$	4.3	\$	489
343/4" Dia Smooth Rod Bars				21	10%	23	LF	0.38	8.69	\$	4.3	\$	37
35Self Closing Double Bar Safety Gate				1	0%	1	EA				\$		-
36Metal Channel C10X15.3	18 10%	20 LF 15.30	302.94 \$	4.3 \$		1,303	37Metal Channel C8X12.7	12 10%	13 LF 12.70	167.64 \$	4.3 \$		
721 38Steel Section L-5X3X3/8"	34 10%	37 LF 12.30	460.02 \$	4.3 \$		1,978							
391/4"X3" Steel Bar				8	10%	9	LF	18.91	166.41	\$	4.3	\$	716

Ladder #2

29'-0 7/8" High Roof Ladder With (3/4" Dia Smooth Rd
1

Bars) And (3/8"X3" Ladder Rail Bars)

403/8"X3" Ladder Rail Bars	59 10%	65	LF	3.83	248.57	\$	4.3	\$	1,069 413/4" Dia Smooth Rod Bars
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29	10%	32	LF	0.38	11.99	\$	4.3	\$	52	421/4"X1-1/2" Steel Bar	132	10%	145							
	LF	3.40		493.68	\$	4.3	\$	2,123	431/4"X2" Steel Bar	24	10%	26	LF	3.54						
					93.46	\$	4.3	\$	402											
441/4"X3" Steel Bar	18	10%	20	LF 3.87	76.63	\$	4.3	\$	329	45Metal Channel C10X15.3	28	10%	31	LF 15.30	471.24	\$	4.3	\$	4.3	\$
2,026																				
46Steel Section L-5X3X3/8								52	10%	57	LF	12.30	703.56	\$	4.3	\$			3,025	
																		\$	-	
Ladder #3																				
13'-0 7/8" High Roof Ladder With (3/4" Dia Smooth Rd																				
1																				
Bars) And (3/8"X3" Ladder Rail Bars)																				
473/8"X3" Ladder Rail Bars						27	10%	30	LF	3.83		113.75	\$	4.3	\$			489		
483/4" Dia Smooth Rod Bars						21	10%	23	LF	0.38		8.69	\$	4.3	\$			37		
49Self Closing Double Bar Safety Gate						1	0%	1	EA						\$			-		
50Metal Channel C10X15.3	22	10%	24	LF 15.30	370.26	\$	4.3	\$	1,592	51Metal Channel C8X12.7	12	10%	13	LF 12.70	167.64	\$	4.3	\$	4.3	\$
721 52Steel Section L-5X3X3/8"	34	10%	37	LF 12.30	460.02	\$	4.3	\$	1,978											
531/4"X3" Steel Bar						8	10%	9	LF	3.87		34.06	\$	4.3	\$			146		
																		\$	-	
Ladder #4																				
29'-0 7/8" High Roof Ladder With (3/4" Dia Smooth Rd																				
1																				
Bars) And (3/8"X3" Ladder Rail Bars)																				
543/8"X3" Ladder Rail Bars			59	10%	65	LF	3.83		248.57	\$	4.3	\$	1,069	553/4" Dia Smooth Rod Bars						
	29	10%	32	LF	0.38		11.99	\$	4.3	\$		52								
561/4"X3" Steel Bar	18	0%	18	EA 3.87	69.66	\$	4.3	\$	300	57Metal Channel C10X15.3	28	10%	31	LF 15.30	471.24	\$	4.3	\$	4.3	\$
2,026																				
58Steel Section L-5X3X3/8						52	10%	57	LF	12.30		703.56	\$	4.3	\$			3,025		
Ladder #5																				
7'-8" High Roof Ladder With (3/4" Dia Smooth Rd Bars)																				
1																				
And (3/8"X3" Ladder Rail Bars)																				
593/8"X3" Ladder Rail Bars	15	10%	17	LF 3.83	64.88	\$	4.3	\$	279	603/4" Dia Smooth Rod Bars	8	10%	9	LF 0.38	3.31	\$		4.3	\$	
14 61Self Closing Double Bar Safety Gate		1	0%	1	EA															
621/4"X1-1/2" Steel Bar						46	10%	51	LF	3.40		172.04	\$	4.3	\$			740		
631/4"X2" Steel Bar						18	10%	20	LF	3.54		70.09	\$	4.3	\$			301		
Stair #1																				
64																				
1-1/4"X3/16" Serrated Bars Bar Grating Anchored W/ Saddle																				
						66	10%	73	SF	11.10		805.86	\$	4.6	\$			3,707		
Clips Using 1/4" Self-Tapping Bolt Or Weld Stud																				

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653'-0" Long X15/16" Wide Stair Treads, Manufacturer:	17	0%	17	RISER	8.98	152.66	\$	4.6	\$	702
Klemp Kw-19-4										
48" High Metal Guardrail		44			LF					
662-1/2"x2-1/2"x1/4" Stairs Bar Angle		176	10%	194	LF	4.14	801.50	\$	4.5	\$ 3,607

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67	Metal Channel C12X20.7	68	10%	75	LF	20.70	1,548.36	\$	4.3	\$	6,658	68	Steel Section L2-1/2"X2-
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1/2"X1/4"	56 10%	62 LF 3.19	196.50 \$	4.3 \$	845 69	Steel Section L3X3X3/8"	34 10%	37 LF 7.20	269.28 \$	4.3 \$	1,158 70	Steel
Section L4X3X3/8"	49 10%	54 LF 8.50	458.15 \$	4.3 \$	1,970 71	Steel Section W12X26	8 10%	9 LF 26.00	228.80 \$	4.3 \$	984	
72Steel Section W12X35	26 10%	29 LF 35.00	1,016.79 \$	4.3 \$	4,372							
73Steel Section W12X40					9	10%	10	LF	40.00	396.00 \$	4.3 \$	43
Stair #2												
74	1-1/4"X3/16" Serrated Bar Grating Anchored W/ Saddle											
					61	10%	67	SF	11.10	744.81 \$	4.6 \$	3,426
Clips Using 1/4" Self-Tapping Bolt Or Weld Stud												
753'-0" Long X15/16" Wide Stair Treads, Manufacturer:												
					18	0%	18	RISER	8.98	161.64 \$	4.6 \$	744
Klemp KW-19-4												
48" High Metal Guardrail												
762-1/2"x2-1/2"x1/4" Stairs Bar Angle					160	10%	176	LF	4.14	728.64 \$	4.5 \$	3,279
77Metal Channel C12X20.7	66 10%	73 LF 20.70	1,502.82 \$	4.3 \$	6,462 78	Steel Section L2-1/2"X2-1/2"X1/4"	54 10%	59 LF 3.19	189.49 \$			
4.3 \$	815 79	Steel Section L3X3X3/8"	38 10%	42 LF 7.20	300.96 \$	4.3 \$	1,294 80	Steel Section L4X3X3/8"	56 10%	62 LF 8.50	523.60	
\$	4.3 \$	2,251 81	Steel Section W12X26	12 10%	13 LF 26.00	343.20 \$	4.3 \$	1,476 82	Steel Section W12X35	28 10%	31 LF 35.00	
1,078.00 \$	4.3 \$	4,635										
83Steel Section W12X40					14	10%	15	LF	40.00	616.00 \$	4.3 \$	2,649
Stair #3												
84	1-1/4"X3/16" Serrated Bar Grating Anchored W/ Saddle											
					61	10%	67	SF	11.10	744.81 \$	4.6 \$	3,426
Clips Using 1/4" Self-Tapping Bolt Or Weld Stud												
853'-0" Long X15/16" Wide Stair Treads, Manufacturer:												
					14	0%	14	RISER	8.98	125.72 \$	4.6 \$	578
Klemp Kw-19-4												
48" High Metal Guardrail												
862-1/2"x2-1/2"x1/4" Stairs Bar Angle					42			LF				
					160	10%	176	LF	4.14	728.64 \$	4.5 \$	3,279
87Metal Channel C12X20.7	66 10%	73 LF 20.70	1,502.82 \$	4.3 \$	6,462 88	Steel Section L2-1/2"X2-1/2"X1/4"	54 10%	59 LF 3.19	189.49 \$			
4.3 \$	815 89	Steel Section L3X3X3/8"	38 10%	42 LF 7.20	300.96 \$	4.3 \$	1,294 90	Steel Section L4X3X3/8"	56 10%	62 LF 8.50	523.60	
\$	4.3 \$	2,251 91	Steel Section W12X26	12 10%	13 LF 26.00	343.20 \$	4.3 \$	1,476 92	Steel Section W12X35	28 10%	31 LF 35.00	
1,078.00 \$	4.3 \$	4,635										
93Steel Section W12X40					14	10%	15	LF	40.00	616.00 \$	4.3 \$	2,649

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Stairs For RTU Building

94	1-1/4"X3/16" Serrated Bar Grating (Secured With Hold- Down Clips)	45	10%	50	SF	11.10	549.45	\$	4.6	\$	2,527
95	3'-0" Long X15/16" Wide Stair Treads, Manufactu Klemp Kw-19-4	16	0%	16	RISER	8.98	143.68	\$	4.6	\$	661
96	48" High Metal Guardrail 2-1/2"x2-1/2"x1/4" Stairs Bar Angle	216	10%	238	LF	4.14	983.66	\$	4.5	\$	4,426
97	Metal Channel C10X15.3	53	10%	58	LF	15.30	890.31	\$	4.3	\$	3,828
98	Steel Section L2-1/2"X2-1/2"X1/4"	25	10%	28	LF	3.19	87.73	\$	4.3	\$	377
99	Steel Section W10X26	24	10%	26	LF	26.00	683.54	\$	4.3	\$	2,939
100	Steel Section W10X33	12	10%	13	LF	33.00	435.60	\$	4.3	\$	1,873
101	Steel Section W14X9	36	10%	40	LF	9.00	356.40	\$	4.3	\$	1,533
102	Steel Section Wt6X20	22	10%	24	LF	20.10	489.74	\$	4.3	\$	2,106
							304,593.39				
SUB TOTAL										\$ 1,324,888	\$ 1,324,888
OVERHEAD & PROFIT (25%)										25% \$ 331,222	\$ 331,222
TOTAL BID										\$ 1,656,111	\$ 1,656,111