SR #	CSI SECT	DESCRIPTION	QUANTITY	WASTAGE (10%)	QTY WITH WASTAGE	UNIT OF MEASURMENT	WEIGHT (LBS)/LF	TOTAL WEIGHT (LBS)	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
	DIV. 05	METALS									$ 1,324,888
		Plateform 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 End	22	10%	24	LF	3.19	75.76	$ 4.3	$ 326	
8		Metal Section L-3X3X1/4" W/ (@) 3/4" Dia Bolts @Each End	52	10%	57	LF	4.90	280.82	$ 4.3	$ 1,208	
9		Metal Section L-4X3X1/4" W/ (@) 3/4" Dia Bolts @Each End	944	10%	1,038	LF	5.80	6,022.15	$ 4.3	$ 25,895	
										$ -	
		Steel Piping									
10		6" Dia Pipe X5-1/4"	88	10%	97	LF	36.43	3,526.42	$ 4.3	$ 15,164	
11		8" Dia Pipe X5-1/4"	124	10%	136	LF	43.29	5,904.76	$ 4.3	$ 25,390	
		Metal Grating									
12		1-1/4"X3/16" Serrated Bar Grating (Secured With Hold-Down Clips), Grating Has 1/4" Gap Between Grating Edge & Back Of Handrail Post (Grating Flush W/ W12 Flgs)	657	10%	723	SF	11.10	8,021.97	$ 4.3	$ 34,494	
		Steel Plates									
13		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	

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15	3/8" Steel Plate (Plate Size 30"X30"X3/8")	28	0%	28	EA			$	60.0	$ 1,680
16	3/8" Steel Plate W/ (2) 1" Dia A325 Bolts	52	0%	52	EA			$	40.0	$ 2,080
17	3/8" Steel Plate W/ (3) 1" Dia A325 Bolts	30	0%	30	EA			$	40.0	$ 1,200
18	3/8" Steel Plate W/ (3) 1" Dia A325 Bolts	132	0%	132	EA			$	40.0	$ 5,280
19	3/8" Steel Plate W/ (4) 1" Dia A325 Bolts	18	0%	18	EA			$	60.0	$ 1,080
20	3/8" Steel Plate W/ (6) 1" Dia A325 Bolts And 3/8" Stiffeners	12	0%	12	EA			$	100.0	$ 1,200
21	3/8"X5 1/2" Steel Plate W/ (5) 3/4" Dia A325 Bolts	12	0%	12	EA			$	60.0	$ 720
	WSAC & PCR Pipe Building Racks For Fel-3									
	L-Sections									
22	Steel Section L-4X4X3/8"	1,648	10%	1,813	LF	9.80	17,765.44	$	4.3	$ 76,391
23	Steel Section L-6X4X3/8"	384	10%	422	LF	12.30	5,195.52	$	4.3	$ 22,341
	W-Sections									
24	Steel Section W10X30	160	10%	176	LF	30.00	5,280.00	$	4.3	$ 22,704
25	Steel Section W10X33	802	10%	882	LF	33.00	29,112.60	$	4.3	$ 125,184
26	Steel Section W10X49	1,185	10%	1,304	LF	49.00	63,871.50	$	4.3	$ 274,647
27	Steel Section W12X30	180	10%	198	LF	30.00	5,940.00	$	4.3	$ 25,542
28	Steel Section W14X43	476	10%	524	LF	43.00	22,514.80	$	4.3	$ 96,814
29	Steel Section W8X18	280	10%	308	LF	18.00	5,544.00	$	4.3	$ 23,839
30	Steel Section W8X24	420	10%	462	LF	24.00	11,088.00	$	4.3	$ 47,678
31	Steel Section W8X31	880	10%	968	LF	31.00	30,008.00	$	4.3	$ 129,034
32	Steel Section Wt6X25	540	10%	594	LF	25.00	14,850.00	$	4.3	$ 63,855
	Roof Ladders									
	Ladder #1									
	13'-0 7/8" High Roof Ladder With (3/4" Dia Smooth Rd Bars) And (3/8"X3" Ladder Rail Bars)	1								
33	3/8"X3" Ladder Rail Bars	27	10%	30	LF	3.83	113.75	$	4.3	$ 489
34	3/4" Dia Smooth Rod Bars	21	10%	23	LF	0.38	8.69	$	4.3	$ 37
35	Self Closing Double Bar Safety Gate	1	0%	1	EA					$ -
36	Metal Channel C10X15.3	18	10%	20	LF	15.30	302.94	$	4.3	$ 1,303
37	Metal Channel C8X12.7	12	10%	13	LF	12.70	167.64	$	4.3	$ 721
38	Steel Section L-5X3X3/8"	34	10%	37	LF	12.30	460.02	$	4.3	$ 1,978
39	1/4"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 Bars) And (3/8"X3" Ladder Rail Bars)	1								
40	3/8"X3" Ladder Rail Bars	59	10%	65	LF	3.83	248.57	$	4.3	$ 1,069
41	3/4" Dia Smooth Rod Bars	29	10%	32	LF	0.38	11.99	$	4.3	$ 52
42	1/4"X1-1/2" Steel Bar	132	10%	145	LF	3.40	493.68	$	4.3	$ 2,123

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43	1/4"X2" Steel Bar	24	10%	26	LF	3.54	93.46	$	4.3	$ 402
44	1/4"X3" Steel Bar	18	10%	20	LF	3.87	76.63	$	4.3	$ 329
45	Metal Channel C10X15.3	28	10%	31	LF	15.30	471.24	$	4.3	$ 2,026
46	Steel 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 Bars) And (3/8"X3" Ladder Rail Bars)	1								
47	3/8"X3" Ladder Rail Bars	27	10%	30	LF	3.83	113.75	$	4.3	$ 489
48	3/4" Dia Smooth Rod Bars	21	10%	23	LF	0.38	8.69	$	4.3	$ 37
49	Self Closing Double Bar Safety Gate	1	0%	1	EA					$ -
50	Metal Channel C10X15.3	22	10%	24	LF	15.30	370.26	$	4.3	$ 1,592
51	Metal Channel C8X12.7	12	10%	13	LF	12.70	167.64	$	4.3	$ 721
52	Steel Section L-5X3X3/8"	34	10%	37	LF	12.30	460.02	$	4.3	$ 1,978
53	1/4"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 Bars) And (3/8"X3" Ladder Rail Bars)	1								
54	3/8"X3" Ladder Rail Bars	59	10%	65	LF	3.83	248.57	$	4.3	$ 1,069
55	3/4" Dia Smooth Rod Bars	29	10%	32	LF	0.38	11.99	$	4.3	$ 52
56	1/4"X3" Steel Bar	18	0%	18	EA	3.87	69.66	$	4.3	$ 300
57	Metal Channel C10X15.3	28	10%	31	LF	15.30	471.24	$	4.3	$ 2,026
58	Steel 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) And (3/8"X3" Ladder Rail Bars)	1								
59	3/8"X3" Ladder Rail Bars	15	10%	17	LF	3.83	64.88	$	4.3	$ 279
60	3/4" Dia Smooth Rod Bars	8	10%	9	LF	0.38	3.31	$	4.3	$ 14
61	Self Closing Double Bar Safety Gate	1	0%	1	EA					
62	1/4"X1-1/2" Steel Bar	46	10%	51	LF	3.40	172.04	$	4.3	$ 740
63	1/4"X2" Steel Bar	18	10%	20	LF	3.54	70.09	$	4.3	$ 301
	Stair #1									
64	1-1/4"X3/16" Serrated Bar Grating Anchored W/ Saddle Clips Using 1/4" Self-Tapping Bolt Or Weld Stud	66	10%	73	SF	11.10	805.86	$	4.6	$ 3,707
65	3'-0" Long X15/16" Wide Stair Treads, Manufacturer: Klemp Kw-19-4	17	0%	17	RISER	8.98	152.66	$	4.6	$ 702
	48" High Metal Guardrail	44			LF					
66	2-1/2"x2-1/2"x1/4" Stairs Bar Angle	176	10%	194	LF	4.14	801.50	$	4.5	$ 3,607
										$ -
67	Metal Channel C12X20.7	68	10%	75	LF	20.70	1,548.36	$	4.3	$ 6,658

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68	Steel Section L2-1/2"X2-1/2"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
72	Steel Section W12X35	26	10%	29	LF	35.00	1,016.79	$	4.3	$ 4,372
73	Steel 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 Clips Using 1/4" Self-Tapping Bolt Or Weld Stud	61	10%	67	SF	11.10	744.81	$	4.6	$ 3,426
75	3'-0" Long X15/16" Wide Stair Treads, Manufacturer: Klemp KW-19-4	18	0%	18	RISER	8.98	161.64	$	4.6	$ 744
	48" High Metal Guardrail									
76	2-1/2"x2-1/2"x1/4" Stairs Bar Angle	160	10%	176	LF	4.14	728.64	$	4.5	$ 3,279
77	Metal 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
83	Steel 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 Clips Using 1/4" Self-Tapping Bolt Or Weld Stud	61	10%	67	SF	11.10	744.81	$	4.6	$ 3,426
85	3'-0" Long X15/16" Wide Stair Treads, Manufacturer: Klemp Kw-19-4	14	0%	14	RISER	8.98	125.72	$	4.6	$ 578
	48" High Metal Guardrail	42			LF					
86	2-1/2"x2-1/2"x1/4" Stairs Bar Angle	160	10%	176	LF	4.14	728.64	$	4.5	$ 3,279
87	Metal 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
93	Steel Section W12X40	14	10%	15	LF	40.00	616.00	$	4.3	$ 2,649
	Stairs For RTU Building									

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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, Manufacturer: Klemp Kw-19-4	16	0%	16	RISER	8.98	143.68	$	4.6	$	661
		48" High Metal Guardrail	60			LF						
96		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**

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