

**THE BRAITHWAITE BURN & JESSOP CONSTRUCTION CO. LTD., KOLKATA
(A GOVT. OF INDIA ENTERPRISE)**

PROJECT: 30X30.5M Span welded throug type girder for major bridge in Chhattishgarh

SI No.	Thickness (MM)	Width (MM)	Length (MM)	Nos	Total in Wt (MT)
Section-A: STRUCTURAL CHQD. PLATE CONFORMING AS PER IS: 3502					
1	6 O/P	1250	6300	1 pakd. (22 Nos)	8.433
2	8 O/P	1250	6300	4 pakd. (108 Nos)	54.747
TOTAL					63.180
Section-B: STRUCTURAL PIPES TO BE USED AS PER IS: 1161: 1998					
SI No.	Size of Pipe (mm)			Nos	Total in Wt (MT)
1	48.3Ø OD - 6000 Lg			330	7.049
2	33.7Ø OD - 6000 Lg			660	9.544
TOTAL					16.593
Section-C: STRUCTURAL STEEL SECTION CONFORMING TO E250 GRADE A AS PER IS: 2062-2011					
SI No.	Size of Sections (mm)			Nos	Total in Wt (MT)
1	ISA 50X50X6X10000Lg.			4	0.180
2	ISA 65X65X8X12000Lg.			267	24.671
3	ISA 75X75X8X10000Lg.			244	21.716
4	ISA 100X100X10X10000Lg.			23	3.427
5	ISA 150X150X16X10000Lg.			26	9.308
6	ISMB 150X75X 10000 Lg.			180	27.000
7	ISMB 250X125X 10000 Lg.			29	10.817
8	ISMC125X65X10000 Lg.			240	31.440
9	ISMC200X75X10000 Lg.			65	14.495
10	FLAT 65X8X6000			60	1.469
TOTAL					144.523
NET TOTAL (Section-A+B+C)					224.296