

ANNEXURE-A

Material Order List / Technical Specification

9X30.5 M Span and 2X18.3 M Span 25T Loading Welded type Truss girder for Br. No. 1373DN, 1496 UP & DN, 1337 UP & DN Replacement of Girder at E.C. Railway, Waltair Division.						
SL NO.	Thickness (MM)	Width (MM)	Length (MM)	Required nos	Weight in MT	Specification
PLATE(IS 2062:2011 E250 GR.B0)						
A1	12	2000	9000	27	45.781	i) Untrimmed Plates. ii) Fully killed iii) Normalized/ Control cooled iv) Charpy V- notch impact test at room temperature and at 0°C in accordance with IS:2062:2011 and conforming to IS:4225 or ASTM A435
A2	12	2500	7000	20	32.970	
A3	16	1800	12000	4	10.852	
A4	16	1800	8600	4	7.777	
A5	28	2100	12000	4	22.156	
A6	28	1800	8200	4	12.977	
A7	40	1500	5000	1	2.355	
A8	4	1250	1500	1	0.059	
A9	6	1500	10000	1	0.707	
A10	8	1500	6300	5	2.967	
Plates Quantity (E-250B0) =					138.601	
SECTION (IS 2062:2011 E250 GR.B0)						
SL NO.	Sections size (mm)			Required nos	Weight in MT	Specification
B1	ISA 75X75X10 - 10000 Lg			257	28.270	Sections conforming to IS: 2062-2011 E-250B0 (Fully Killed / Semi Killed)
B2	ISA 90X90X10 - 10000 Lg			7	0.938	
B3	ISA 100X100X10 - 10000 Lg			42	6.258	
B4	ISA 150X150X10 - 10000 Lg			13	2.977	
B5	ISA 150X150X12 - 10000 Lg			39	10.647	
B6	ISMC 300X90 - 10000 Lg			22	7.986	
Sections Quantity (E-250B0) =					57.076	
Total Quantity (E-250B0) =					195.68	