

Section II B - RS wise Bill of materials for PVC calculation and Reference - 2023OVM013 (Material Composition - Bill of materials (BOM))

| RS01: ADANI CEILI,NG GIRDER PACKAGE (FULL BILL OF MATERIALS) - 1855 MT | | | | | |
|--|-------------|-------------------|--------------------------------------|-------------------|---|
| Material Type | Grade/ Code | % age in full BoM | MATERIAL Description | % age in full BoM | ITEM TO BE CONSIDERD FOR PVC CALCULATION AS PER JPC |
| PLATES | BSEN | 31.78% | PLATE 100 MM - BSEN 10025_3 Gr S420N | 10.32% | PLATES 25 MM |
| | | | PLATE 135 MM - BSEN10025-3 S420N | 8.28% | PLATES 25 MM |
| | | | PLATE 115 MM - BSEN10025-3GRS420N | 7.35% | PLATES 25 MM |
| | | | PLATE 85.0 MM-BSEN10025-3GRS420N | 5.83% | PLATES 25 MM |
| | E350BR | 29.97% | PLATE-50 MM -IS2062E350GRBR | 10.60% | PLATES 25 MM |
| | | | PLATE-20 MM -IS2062E350GRBR | 4.78% | PLATES 25 MM |
| | | | PLATE-32 MM -IS2062E350GRBR | 3.06% | PLATES 25 MM |
| | | | PLATE-40 MM -IS2062E350GRBR | 2.78% | PLATES 25 MM |
| | | | PLATE-36 MM -IS2062E350GRBR | 2.65% | PLATES 25 MM |
| | | | PLATE 56 MM - IS2062E350BR | 1.83% | PLATES 25 MM |
| | | | PLATE 16 MM-IS2062E350GRBR | 1.82% | PLATES 12 MM |
| | | | PLATE 12 MM - IS2062E350BR | 1.25% | PLATES 12 MM |
| | | | PLATE 25 MM -IS2062E350GRBR | 1.20% | PLATES 25 MM |
| | E250BR | 23.27% | PLATE 32.0 MM -IS2062E250BR | 6.92% | PLATES 25 MM |
| | | | PLATE 25.0 MM -IS2062E250BR | 6.75% | PLATES 25 MM |
| | | | PLATE 40.0 MM -IS2062E250BR | 5.17% | PLATES 25 MM |
| | | | PLATE 75.0 MM -IS2062E250BR | 2.44% | PLATES 25 MM |
| | | | PLATE 50.0 MM - IS2062E250BR | 1.99% | PLATES 25 MM |
| | E250A | 5.42% | PLATE 12.0 MM - IS2062E250A | 2.62% | PLATES 12 MM |
| | | | PLATE 16.0 MM - IS2062E250A | 1.24% | PLATES 12 MM |
| | | | PLATE 20.0 MM - IS2062E250A | 0.70% | PLATES 12 MM |
| | | | PLATE 10 MM-IS2062E250A | 0.45% | PLATES 10 MM |
| | | | PLATE 100 MM - IS2062 E250BR | 0.40% | PLATES 25 MM |
| | | | PLATE 5.00 MM-IS2062E250A | 0.01% | PLATES 6 MM |
| | | | | 90.44% | |
| ROLLED SECTIONS | E250A | 7.19% | ANGLE 200 x 200 x 20-IS2062E250A | 1.52% | ANGLES 75X75X6 MM |
| | | | CHANNEL 200 x 75 -IS2062E250A | 1.22% | CHANNELS 150X75 MM |
| | | | CHANNEL 250 x 82 -IS2062E250A | 0.75% | CHANNELS 150X75 MM |
| | | | CHANNEL 400 x 100 -IS2062E250A | 0.63% | CHANNELS 150X75 MM |
| | | | BEAM 600 x 210 -IS2062E250A | 0.60% | JOISTS 200X100 MM |
| | | | CHANNEL 150 x 75 -IS2062E250A | 0.59% | CHANNELS 150X75 MM |
| | | | CHANNEL 300 x 90 -IS2062E250A | 0.48% | CHANNELS 150X75 MM |
| | | | BEAM 200 x 100 -IS2062E250A | 0.37% | JOISTS 200X100 MM |
| | | | ANGLE 100 x 100 x 10-IS2062E250A | 0.22% | ANGLES 75X75X6 MM |
| | | | BEAM 250 x 125 -IS2062E250A | 0.17% | JOISTS 200X100 MM |
| | | | ANGLE 80 x 80 x 8 -IS2062E250A | 0.12% | ANGLES 75X75X6 MM |
| | | | ANGLE 130 x 130 x 12-IS2062E250A | 0.11% | ANGLES 75X75X6 MM |
| | | | ANGLE 75 x 75 x 6-IS2062E250A | 0.10% | ANGLES 75X75X6 MM |
| | | | CHANNEL 75 x 40 -IS2062E250A | 0.08% | CHANNELS 75X40 MM |
| | | | BEAM 500 x 180 -IS2062E250A | 0.07% | JOISTS 200X100 MM |
| | | | BEAM 300 x 140 -IS2062E250A | 0.06% | JOISTS 200X100 MM |
| | | | BEAM 125 x 70 -IS2062E250A | 0.05% | JOISTS 125X70 MM |
| | | | BEAM 450 x 150 -IS2062E250A | 0.03% | JOISTS 200X100 MM |
| | | | BEAM 400 x 140 -IS2062E250A | 0.02% | JOISTS 200X100 MM |
| | E250BR | 2.28% | H BEAM 305X165 -IS2062E250BR | 2.28% | JOISTS 200X100 MM |
| | | | | | 9.47% |
| SHEETS | IS 513 CR2 | 0.03% | SHEET 1.6 MM - IS513 Gr.CR2 | 0.03% | H. R. COILS 2.00 MM |
| | | | | 0.03% | |
| FASTENERS | IS1362 | 0.06% | HEX HD BOLT M24X110-4.6 IS:1363(P-1) | 0.01% | PVC Not Applicable |
| | IS1362 | | HEX HD BOLT M24X160-4.6 IS:1363(P-1) | 0.01% | PVC Not Applicable |
| | IS1362 | | NUT -M24 -CL4-IS1363P3 | 0.01% | PVC Not Applicable |
| | IS1362 | | BOLT-M24x120 -4.6-IS1363P1 | 0.01% | PVC Not Applicable |
| | IS1362 | | BOLT-M24x100 -4.6-IS1363P1 | 0.01% | PVC Not Applicable |
| | IS1362 | | BOLT-M24x80 -4.6-IS1363P1 | 0.01% | PVC Not Applicable |
| | | | | 0.06% | |
| | | | | 100.00% | |

NOTE:

1. Vendor shall quote their rates considering the all the E350BR grade materials as E250GRA/BR grade. Extra rates will be provided in the POs for E350BR materials as per extra rate schedule provided in the tender.

2. Final design documents are yet to be released. So, the provided BoM includes a range of specific sizes for plates & rolled sections to offer an overall understanding of the material content, it's important to note that these percentages may vary within the types of materials. The composition of overall Plates & Rolled Sections may also exhibit slight variations but will remain within a close tolerances.