

TECHNICAL SPECIFICATION CHECKLIST.**Agency name :**

ITEM	Criteria for selection	Yes/No	Remarks
HY7810278266 (Colour coated galvalume sheet with guard film)	previously supplied similar kind of material to any government/Semi-government/PSU/Large Private Firm.		
	The raw material pre painted roll should be procured for either JSW steel/Bhushan steel/Tata BlueScope steel.		

ITEM	BHEL SPECIFICATIONS IN TENDER DOCUMENT	Can provide material according to BHEL specifications (YES /NO)	Special remarks
HY7810278266 (Colour coated galvalume sheet with guard film)	Supply of colour coated galvalume Hirib profile sheet of nominal 1000 mm width and 30 mm deep ribs with subtle square fluting in the five pan at nominal 200 mm centre-to-centre. Profile drawing is attached.		
	The plain sheet width without profile shall be 1220mm.		
	end rib shall be designed for capillary action		
	Total Painted thickness of sheets to be 0.50 mm TCT		
	Hi-strength steel with minimum 550 MPa yield strength		
	metallic hot dip coated with Aluminium-Zinc alloy (55% Aluminum, 1.6% silicon and remaining 43.4% Zinc) as per A792/A792M, AS 1397 –Zincalume AZ150/AZM150 (Min. 150 gms/sq.mt total on both sides)		
	The paint shall have a total coating thickness of nominal 35±3 µm, comprising of nominal 20 µm exterior coat on top surface and nominal 5 µm reverse coat on back surface over nominal 5 µm primer coat on both surfaces of approved colour/shade.		

The paint Coating Type should be Silicon Modified Polyester (SMP)		
The test certificate for the following chemical and mechanical properties like a) Total thickness of sheet b) Chemical composition c) Tensile/yield strength d) Paint coat thickness on both sides e) Aluminum, silicon & Zinc coating weight must be submitted with each supply/delivery load		
The sheet should have temporary protective guard film of 25 microns (minimum) to avoid scratches while transporting & handling.		
The steel sheet shall have brand marking on the sheet indicating product details, date, manufacturer name etc		
Colour: Taurus Blue (or) similar colour on top side(JSW0020) & Epoxy lite grey on bottom side		
Guarantee: 18 months from the date of supply or 12 months from the date of commissioning, whichever is earlier.		