

BOQ - for 1 set of work

Name of Work: Supply of Materials (Colour coated Galvalume sheet and other items)

S. No.	Description of Item	Quantity	Unit	Activity wise Percentage against total cost	Make of items
1	SUPPLY OF COLOR COATED GALVALUME STEEL PROFILE SHEET OF 0.50MM (Min) +0.05% TCT HIGH STRENGTH 550MPA (MIN) CONFORMING TO IS 14246:2013 & HAVING ZINC COATING OF MIN 120GM/M2 AS PER IS 277:2018, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS HAVING PLASTIC PROTECTIVE FILM 25 MICRONE (Min) TO AVOID DAMAGE DURING TRANSPORTATION	4366	Sqm	41.20%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU
2	SUPPLY OF COLOR COATED GALVALUME STEEL SHEET GUTTERS 600MM OVER ALL GIRTH, 0.50MM (Min) +0.05% TCT ZINC COATING 120GSM AS PER IS 277:2018 IN 550MPA (MIN) STEEL GRADE, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS CONFORMING TO IS 14246:2013	990	RM	5.16%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU
3	SUPPLY OF COLOR COATED GALVALUME STEEL SHEET RIDGE 600MM OVER ALL GIRTH, 0.50MM (Min) +0.05% TCT ZINC COATING 120GSM AS PER IS 277:2018 IN 550MPA (MIN) STEEL GRADE, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS CONFORMING TO IS 14246:2013	510	RM	2.66%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU
4	SUPPLY OF COLOR COATED GALVALUME STEEL SHEET DOWN TAKE PIPES OF GIRTH 400MM SQUIRE CONSTRUCTION, 0.50MM (Min) +0.05% TCT ZINC COATING 120GSM AS PER IS 277:2018 IN 550MPA (MIN) STEEL GRADE, 5-7 MICRONS EPOXY PRIMER ON BOTH SIDE & POLYSTER TOP COAT 15-18 MICRONS CONFORMING TO IS 14246:2013	393	Rm	2.05%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU
5	SUPPLY OF DAY LIGHT PROFILE PANEL (FRP) OF 2MM (MIN) THICKNESS CONFORING TO IS 12866 SHAPE & PITCH OF TRAPOZOIDAL PROFILE FRP SHEET SHOULD MATCH WITH PROFILE OF SL. NO.1	728	Sqm	16.53%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU
6	SUPPLY OF POLYURETHANE FOAM (PUF) OF 30 MM (Min) TCT CONFORMING TO IS 12436:1988 HAVING COLOR COATED GALVALUME STEEL OF 0.50MM (Min)+0.05% TCT HIGH STRENGTH 550MPA (MIN) AT TOP & BOTTOM SHEET CONFORMING TO IS 14246:2013 & SHALL HAVE ZINC COATING OF MIN 120GSM AS PER IS 277:2018 HAVING PLASTIC PROTECTIVE FILM 25 MICRONE (MIN)	726	Sqm	30.25%	JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU
7	SUPPLY OF 24 INCH TURBO VENTILATOR ALONG WITH FRP BASE SHEET OF LENGTH 1800MM (MIN) WIDTH 1200MM (MIN) SHAPE & PITCH OF TRAPEZOIDAL PROFILE OF BASE SHEET SHOULD MATCH WITH PROFILE OF SL. No.1	26	Nos.	2.17%	AIR CREATIONS INDIA, JSW, GISCO, EVEREST, KANSAL COLOUR & SHRIYA FRP BRANDS.
	TOTAL	-	-	100.00%	

Note: Special instructions for supply of items shall be as per Annexure-Y

Special Instruction for Supply of materials (Colour coated Galvalume sheet & other items)

The following shall be in the Supplier's Scope:

- 1) Supply of new color coated (blue color finish on outer surface) Galvalume Sheets, FRP sheets, puffed sheets, Gutters, Ridges, down take pipe and Turbo ventilator etc. in following structures at BHEL-CFP, Rudrapur.
- 2) Complete quantity of every item supplied should be of a single make from the makes mentioned below. Size, shape and pitch of corrugation should be identical for sheets, FRP sheets and turbo ventilator base frame.

Approved Makes: JINDAL, JSW, TATA, EVEREST, BHUSHAN STEEL, ESSAR, CHARMINAR, KAMDHENU

- 3) Material will be supplied to BHEL CFP Rudrapur. Loading & unloading of materials will be in supplier's scope.
- 4) Material found not conforming to the specifications as per description in Annexure-X shall be replaced conforming to the required specification by the supplier free of cost.
- 5) Supplier shall provide manufacturer's test certificate of all supplied material conforming to the make / specification as per relevant IS standard wherever mentioned.
- 6). Onsite warranty of 24 months against defective supply of items shall be applicable from the date of receipt of materials at BHEL Rudrapur. Any defect / non-performance found in supply during the warranty period shall be replaced free of cost by the contractor.
- 7) Contractor shall be required to deposit an interest free Performance Bank Guarantee of @ 5% of total order value, which shall be retained by BHEL up to two months after successful completion of the warranty period.
- 8) **Sourcing of Material:** Material shall be sourced from OEM or authorized dealers of approved make. Contractor shall submit copy of delivery challan & invoice from OEM / authorized dealer as proof of sourcing against firm order from BHEL.
- 9) **Payment terms:** payment shall be done **within 15 days** after receipt and acceptance of material and invoice of supplier along with all requisite documents.
- 10) **Risk Purchase:** BHEL reserves the right to exercise risk purchase in case of failure on the part of supplier to meet the supplier obligations under the contract w.r.t. supply of material and/or quality & failure to meet delivery schedule. BHEL shall not be liable to compensate the supplier for any loss arising out of risk purchase action.
- 11) L-1 bidder shall be decided on overall L-1 cost basis.
- 12) **Pre dispatch inspection: Supplier** Pre-dispatch inspection of material shall be carried out by BHEL for which supplier shall raise inspection call with a lead time of minimum 1 week.