



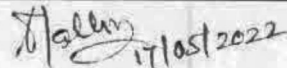
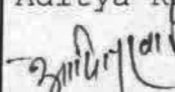
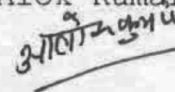
**ANNUAL FRAME WORK AGREEMENT FOR GALVANIZED STEEL
SUPPORT STRUCTURE FOR SOLAR**

TECHNICAL SPECIFICATION: -

- 1) Raw material shall be in conformance to IS 811 & IS: 2062/Grade E250/A/B.
- 2) Tolerance of the Raw material shall be as Per IS: 1852/ latest or as specified in the drawing.
- 3) The firm must source all the Steel Raw Material (Sheet, before cold rolled process) from SAIL / RINL / JINDAL STEEL / TATA STEEL/ ESSAR STEEL/JSW STEEL/ JSPL. The firm must submit documentary evidence like invoice, Test certificate, BIS License as proof of procurement from BIS license holder, with each consignment of supply to sustain that the raw material used is as per the above IS and procured from BIS License. For specific projects (Like NTPC project- where NTPC is either customer or consultant), raw material to be procured from NTPC approved sources only.
- 4) Finish: All the components are Hot Dip Galvanized as per IS: 4759 (latest)/ IS: 2629 and it should pass the Dip Test as per IS: 2633. Thickness of zinc coating shall be minimum 610 gm. /sq. meter equaling to min. 85 microns.
- 5) Components shall be fabricated as per the drawing provided with respective purchase orders (sample drawings only for estimation purpose attached. Actual requirement may partially/entirely differ from the sample drawings.
- 6) Supply of the components should strictly conform to dimensions and tolerances indicated in the Drawings and Quality Plan, if applicable.
- 7) Inspection shall be done by our Quality Control Department and / or by our customers and / or by an appointed agency or persons authorized by us.
- 8) T.C. & G.C. shall be submitted for Chemical composition, Mechanical properties and Galvanizing.

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REV.	00	PRINTS TO:-	APPROVED BY-	 17/05/2022		
ALTD.			Shukadev Mallick			
APPD.			PREPARED BY	CHECKED BY	DATE	
DATE.			Aditya Khatri 	Alok Kumar 	17/05/2022	



RENEWABLE ENERGY GROUP

ANNEXURE-I

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9) PVC Formula: The prices in the contract will be variable as per New PVC Clause for Transmissions Line Tower published by IEEMA vide circular no. IEEMA/PVC/TLT/2010 (R-1) effective from 1st April 2014. Copy of the same attached for ready reference.

10) BHEL reserve the right to cross check the WEIGHBRIDGE's weight either at vendor's works or at site or both.

11) Packing slip shall be accompanied with each delivery challan listing of structure elements being supplied as per drawing. Final payment shall be released to vendor only after reconciliation of each item of BOQ having been supplied.

12) Thickness of sections (Except base plate and clamps) will vary from 1.6 mm to 3.2 mm.

13) All modules and SS items are in BHEL's scope.

14) Delivery- within 10 weeks (Including inspection) or 02 weeks after dispatch clearance from BHEL (Whichever is earlier). Material must be dispatched only after written dispatch clearance from BHEL.

15) WEIGHT VARIATION CLAUSE:

Variation in weight is expected due to various reasons. Major factor being tolerance in section (sheet/plate/extrusions) weights. Guidelines regarding these are listed in IS: 1852. Further, Weight reduction due to holes and slots etc. are to be ignored in line with guidelines of IS: 802 (part-2). Some weight of weld deposits shall also be there, in addition to calculated engineering weight. Based on these considerations, weight variation maximum up to $\pm 5\%$ shall be allowed.

However, payment shall be released on the basis of WEIGHBRIDGE's actual weight basis (billed by supplier or received at BHEL Rudrapur or at site (if applicable), whichever is lower), within the tolerance limit of PO Weight as mentioned above.

For cases of direct supply to site, BHEL reserve the right to cross check the WEIGHBRIDGE's weight either at vendor's works or at site or both. This will be frequently done.

REV.	00	PRINTS TO:-	APPROVED BY-	<i>Shukadev Mallick</i> 17/05/2022		
ALTD.			Shukadev Mallick			
APPD.			PREPARED BY	CHECKED BY	DATE	
DATE.			Aditya Khati	Alok Kumar	17/05/2022	
			<i>Aditya Khati</i>	<i>Alok Kumar</i>		