



**Annexure A**

**NOTICE INVITING TENDER**

**Ref : NIT No. 28574(1460443E) dt 19.07.2016**

**Technical Requirement for Vendors Supplying.**

SL	Material code	Description	UNIT	Qty	Lot	Lot Qty	Delivery date
001	IM2200100100		NO	240.000	01	60.000	01/09/2016
		TYPE 1 BOX 2370X1570X1650MM SUPPLY OF WO			02	60.000	01/10/2016
		ODEN BOXES TO BE MADE OUT OF WOOD SPECIE			03	60.000	01/12/2016
		S AS PER ENCLOSED SPECN: PACKWOOD01/REV-			04	60.000	01/02/2017
		02/DT.26.11.13					
002	IM2200100200		NO	240.000	01	60.000	01/09/2016
		PACKING CASSES TYPE II(1200X900X600MM)			02	60.000	01/10/2016
					03	60.000	01/12/2016
					04	60.000	01/02/2017
003	IM2200100210		NO	240.000	01	60.000	01/09/2016
		PACKING CASSES TYPE IIA(1570X720X885M)			02	60.000	01/10/2016
					03	60.000	01/12/2016
					04	60.000	01/02/2017
004	IM2200100300		NO	240.000	01	60.000	01/09/2016
		PACKING CASSES TYPE III(900X600X600MM)			02	60.000	01/10/2016
					03	60.000	01/12/2016
					04	60.000	01/02/2017
005	IM2200100400		NO	50.000	01	25.000	01/09/2016
		PACKING CASES TYPE IV(600X450X450MM)			02	25.000	01/12/2016
006	IM2200100500		NO	50.000	01	25.000	01/09/2016
		PACKING CASES TYPE V(600X300X300MM)			02	25.000	01/12/2016
007	IM2200100600		NO	50.000	01	25.000	01/09/2016
		TYPE VI BOX			02	25.000	01/12/2016



008 IM2200100610	NO	50.000	01	25.000	01/09/2016
TYPE VI A 1800X600X600			02	25.000	01/12/2016
009 IM2200100620	NO	50.000	01	25.000	01/09/2016
TYPY VIB 2000X600X600			02	25.000	01/12/2016
010 IM2201135100	CUM	25.000	01	4.000	01/09/2016
BATTENS 25 X 150 X 250			02	6.000	01/10/2016
			03	5.000	01/11/2016
			04	5.000	01/01/2017
			05	5.000	01/03/2017
011 IM2201135200	CUM	10.000	01	3.000	01/09/2016
BATTENS 25 X 150 X 300			02	2.000	01/10/2016
			03	2.000	01/11/2016
			04	2.000	01/01/2017
			05	1.000	01/03/2017
012 IM2202135000	CUM	10.000	01	2.000	01/09/2016
25 X 150 X 350 WOODEN BATTENS			02	2.000	01/10/2016
			03	2.000	01/11/2016
			04	2.000	01/01/2017
			05	2.000	01/03/2017
013 IM2202121000	CUM	12.000	01	3.000	01/09/2016
WOOD SIZE. 25 X 150 X 2100 MM			02	3.000	01/10/2016
			03	3.000	01/01/2017
			04	3.000	01/03/2017
014 IM2202127000	CUM	12.000	01	3.000	01/09/2016
BATTENS 25X150X2700MM			02	3.000	01/10/2016
			03	3.000	01/01/2017
			04	3.000	01/03/2017
015 IM2202221000	CUM	24.000	01	5.000	01/09/2016



SCANTLINGS 40X150X2100			02	4.000	01/10/2016
			03	5.000	01/11/2016
			04	5.000	01/01/2017
			05	5.000	01/03/2017
016 IM2201113500	CUM	10.000	01	3.000	01/09/2016
SCANTLINGS 100X100X1350MM			02	2.000	01/10/2016
			03	3.000	01/01/2017
			04	2.000	01/03/2017
017 IM2201121000	CUM	12.000	01	3.000	01/09/2016
BATTENS 100 X 100 X 2100 MM			02	3.000	01/10/2016
			03	3.000	01/01/2017
			04	3.000	01/03/2017
018 IM2201127000	CUM	12.000	01	3.000	01/09/2016
SCANTLINGS 100X100X2700MM			02	3.000	01/10/2016
			03	3.000	01/01/2017
			04	3.000	01/03/2017

Tender may be submitted through <https://bheleps.buyjunction.in>

Note: All corrigenda, addenda, amendments, time extensions, clarifications etc., to the tender will be hosted on BHEL website (www. bhel.com) only. Bidder should regularly visit website [www.bhel.com](http://www.bhel.com) to keep themselves updated.

Manager / Purchase



### **Pre-qualification Criteria.**

1. The bidder should have the capability with reference to personnel, equipment and manufacturing facilities to supply the quantity as required by us in scheduled delivery time.
2. The supplier should have successfully supplied annually at least 1/3 of enquiry quantity in the last two years. Relevant purchase orders should be enclosed along with quotation as a proof
3. Financial standing through latest Income Tax Clearance Certificate, Annual report (balance sheet and profit & loss account of last three years).
- 4) For BHEL Approved Vendors:
  - a) Offer from BHEL approved vendors with average vendor performance rating (VPR) of more than 75 out of 100 (for the last five years) as on date of technical bid opening only will be considered. Other offers will be rejected for this enquiry. Vendor performance rating (VPR) is a dynamic system, captured data based on their past supply performance pertaining to BHEL-Ranipet purchase orders.
  - b) Offer from Vendors with overdue of pending supplies (ie., three months or beyond the stipulated delivery of BHEL-Ranipet purchase order) as on date of technical bid opening will not be considered. Since such delayed supply or non-supply affects our production and projects.

### **For NON BHEL Vendors:**

- a) Vendors need to furnish proof of supplies they have made in time to their customer for the last 2 years as per delivery schedule given in Purchase Order/ contract. Proof of acceptance for the material supplied like receipt & acceptance voucher/ receipt to be submitted along with offer.

### **Technical Specifications.**

1. We require various sizes of wooden boxes, scantling and battens and qty mentioned
2. Wooden species means FIR, CHIR, COUNTRYWOOD (HARD WOOD ONLY) mango wood, Rubber wood (chemical treatment is required for rubber wood) Sapwood is not acceptable.
3. Rubber wood and other soft wood shall be seasoned and chemically treated as per IS 401/Latest.
4. Dimension shall be as specified in purchase order.  
The dimensional tolerance shall conform IS 1331/Latest.  
Extract from IS 1331 is given below.
  - (a) for width and thickness:  
up to and including 100mm +8mm -0mm  
above 100mm +6mm -8mm
  - (b) for length +25mm -0mm
5. Percentage moisture of the wood shall be 50%
6. Dimensions, permissible defects preservation and end coating shall be as per IS 5966/Latest
7. The chemical treatment shall be by a solution of copper chromate & boric acid at a concentration of 4kg per cubic meter of solution.



- 8.The chemical penetration shall be 6mm minimum in depth.
- 9.The supplier must fill a TC and submit it along with the wood supplies without fail.
- 10.Wood supplied without the above TC will be rejected.
- 11.Supplier must certify the wood species supplied on the TC vide spec: PACKWOOD 01/rev no.2/dt.26.11.13.



Bharat Heavy Electricals Ltd  
Boiler Auxiliaries Plan  
Ranipet -632 406

QUALITY CONTROL/QA  
**SPECIFICATION FOR PACKING WOOD**  
(WOODEN BOXES, SCANTLINGS & BATTENS,  
PROFILE WOODEN BLOCK)

Effective Date : 26.11.2013

SPEC: PACKWOOD:01


Rev.No:02

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SPECIFICATION FOR PACKING WOOD (BOXES, SCANTLINGS & BATTENS , PROFILE WOODEN BLOCK )

I	WOODEN SPECIES:-
	<p>a) FIR</p> <p>b) CHIR</p> <p>c) COUNTRY WOOD (Hard wood only)</p> <p>d) Mango</p> <p>e) Rubber wood</p> <p>(a,b,c and d do not require chemical treatment.)</p>
II	Sapwood is not acceptable.
III	Rubber wood and other soft wood shall be seasoned and chemically treated as per IS 401/Latest.
IV	The seasoning shall be kiln seasoning as per IS 1141/Latest
V	Dimension shall be as specified in purchase Order. The dimensional tolerance shall conform IS 1331/latest. Extract from IS 1331 is reproduced below.
	<p>a) Dimensional tolerance for country wood &amp; rubber wood</p> <p>1) For width and thickness:</p> <p>i) Up to and including 100mm +8mm</p> <p>ii) Above 100 mm -0</p> <p>2) For length +6mm</p> <p>-8</p> <p>+25mm</p> <p>-0</p> <p>b) Dimensional tolerance for profile wooden block:</p> <p>i) Width and thickness up to and including 100mm +3mm</p> <p>ii) Width and thickness above 100mm -0</p> <p>iii) Bow: +/- 4mm per 300mm +6mm</p> <p>-3mm</p>

02	26/11/13	S.D/QA	R.P/SHIP	G.R/SHIP	R.A/QA	J.R/QA	Revisited & reviewed for Merge of SPEC PACKWOOD -01 & 03 and Tolerance included for Country wood Rubber wood & profile wooden block.
01	30/07/93	(Sd)V.J/QC		(Sd)G.P/SSO	(Sd)M.R.V/P URC	(Sd)P.H.T/QC	Clause XIII & XIV Deleted
00	08/05/93						Original Issue
R. No.	Date	Prepared	Prepared	Reviewed	Reviewed	Approved	Record of Revisions

 <p>भारत भारी बिजली BHEL</p>	<p>Bharat Heavy Electricals Ltd. Sole Auxiliary Plant Gurgaon - 122 006</p>	<p>QUALITY CONTROL/QA SPECIFICATION FOR PACKING WOOD (WOODEN BOXES, SCANTLING, BATTENS PROFILE WOODEN BLOCKS)</p>
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VI	Percentage moisture of the wood shall be 50% as seasoned by the method given in CL.IV.
VII	Dimensions, Permissible defects preservation and end coating shall be as per IS 5966/latest.
VIII	The chemical treatment shall be by a solution of copper , chromate & boric acid at a concentration of 4kg / per cubic meter of solution.
IX	The chemical penetration shall be 6mm minimum in depth.
X	The supplier must fill a TC .( the format of which is enclosed ) and submit it along with the wood supplies without fail.
XI	Wood supplied without the above mentioned TC will be rejected.
XII	Supplier must certify the wood species supplied on the TC .

**TEST CERTIFICATE FOR PACKING WOOD (Format)**

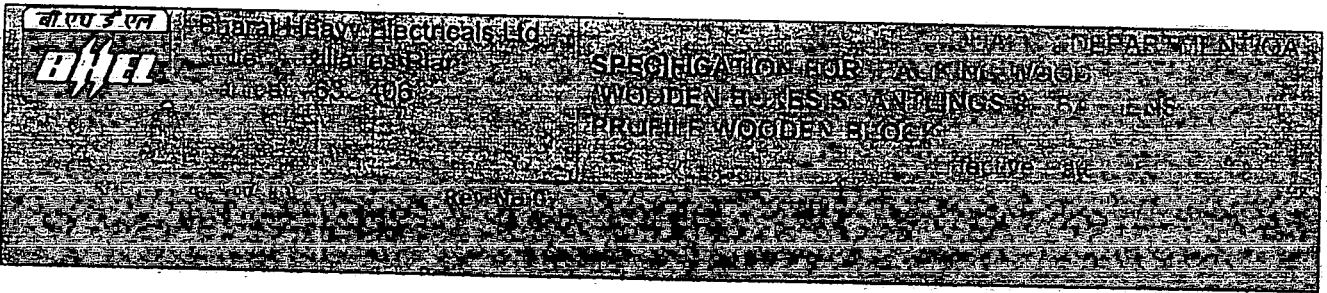
(TO BE SUBMITTED BY WOOD SUPPLIER WITH EVERY BATCH OF SUPPLIES OF PACKING WOOD)

Supplier Name:	STATION:
P.O.NO:	P.O DATE:
D.C.NO:	DC.DATE:
QUANTITY:	CU MTR/BOXES/NOS:

i)	Batten/Scantling /Box (Type whichever is applicable)	--	
ii)	Chemical seasoning treatment given	--	CCB /(Specify copper chromate, boric acid etc as actually done)
iii)	Species (Write comml Name & Botanical Name)	--	
iv)	Sampling plan used	--	Specify the Standard / IS used
v)	Dimensions of the box / scantling / batten	--	
vi)	Chemical treatment status	--	
	a) Bath pressure		
	b) Bath concentration		
	c) Duration of chemical treatment		
vii)	Chemical penetration depth (mm)	--	

Signature with seal

( For the supplier )



**CERTIFICATE OF COMPLIANCE (Format)**

REF :  
DATE :  
SPECIFICATION REF :  
PURCHASE ORDER NO :  
ADDENDUM :  
DATE :  
DELIVERY CHALLAN REF :  
TEST CERTIFICATE REF :

SL.NO	DESCRIPTION	QTY.IN NOS	VOLUME IN CUBIC METRE
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Certified that the packing wood materials supplied against the above reference confirms to the specification as given in the purchase order/SPEC.

It is also hereby confirmed that the packing materials are chemically treated in accordance with IS 401 (latest ) and belongs to the species-----

Signature with seal

( For the Supplier)