



Terms & Conditions

Supply of Wooden Packing Boxes

1. General

1. The wooden packing boxes are to be supplied in ready to pack condition at BHEL.
2. The total volume of the supply of wooden boxes is **864 cubic meter**. This is only indicative & the actual volume may vary.
3. This is the annual rate contract for supply of wooden packing boxes and shall be valid for ONE YEAR. Actual drawing or dimensions of wooden boxes shall be given from user department to the contractor time to time as and when needed as per requirement.

2. Technical conditions and Scope of supply:-

- 1.1 Wooden packing boxes are to be supplied as per drawing, dimensions and specifications given by BHEL.
- 1.2 Normally, the size of boxes will vary from 0.5 (L) x 0.5 (B) x 0.5 (H) mtr to 1.5 (L) x 1.5 (B) x 0.8 (H) mtr, with tare weight ranging from 50 Kgs to 120 Kgs.
- 1.3 The weight of the material to be packed in each box shall be in the range of 1000 kg to 3000 Kg.
- 1.4 Bottom wooden cross members of the base to be fastened by coach bolts at four corners to provide strength. Suitable mild steel angles of size 2mm x 80mm x 80mm are to be provided at all wall joints (8 nos.) and at base corners (4 nos.) for slinging/lifting by cranes.
- 1.5 The sizes of wooden members/ planks will be - 20 to 75 X 50 to 150 X 500 to 1600 mm approximately and may vary depending upon job size to be packed. The total volume of wood used for one packing box will be approximately 0.16 cubic meters. The total volume of wooden members used in one packing box will depend on size & design of the box.
- 1.6 The design/ drawing or dimensions of the packing box will be given by BHEL and may vary from item to item & the total weight items to be packed in one box.
- 1.7 Base, sides & top cover are to be secured/ fastened with steel strips-25mm wide X 24 gauge.
- 1.8 Details of the packing wood are given in the enclosed specification HY 51463.
- 1.9 The packing box will consist of the following
 - o Base
 - o Four side panels
 - o Top cover
- 1.15 A minimum of Three calendar days time shall be given for delivery of boxes in writing through a requisition letter. The scheduled delivery time of lot of boxes will



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be indicating in the respective requisitions letters. The supplier has to supply the boxes within five days or schedule delivery date as indicated in the requisition letter failing which LD shall be applicable as mentioned in this tender. Inspection of the boxes will be carried out on receipt of the boxes at BHEL.

- 1.16 The quantity required as indicated in requisition letter may be revised (increased/ decreased) or cancelled as per requirement with a notice period of two calendar days.
- 1.17 The packing boxes should be guaranteed for safe packing, handling & transportation up to the destination. The contractor will give self inspection report & guarantee certificate to this effect along with each lot.
- 1.18 The supplier should mark/ paint their boxes with following details before supply:-
BHEL PO No., Supplier's name, Box no. or any other identification no.

2. Other Conditions:-

- 2.1. **Qualifying Criteria:** Only those bidders shall be qualified in part-I who will provide documentary evidence/ Agreement/ Purchase Orders showing that the bidder has successfully supplied packing woods of minimum order value of Rs.10 Lakhs in last two years.
- 2.2. **Business/ Work Distribution:** The whole business is proposed to be distributed between 2 (Two) successful bidders, with the lowest bidder (L1) getting about 70% share and the next higher bidder (L2) getting about 30%. The L1 rates shall be offered to L2 the bidder. In case L2 does not agree with L1 rates, the L1 rates shall be offered to L3 and if L3 also refuses, whole work shall be awarded to L1 bidder. BHEL may change the distribution of work if the quality of work and/or delivery of any of the contractor are not satisfactory during execution of the contract.
- 2.3. Rates to be quoted in terms of Rs. per cubic meter of wood as per scope of supply.
- 2.4. Billing to be done on the basis of the wood (Rs. Per cubic meter) used in supply of boxes. All other charges/ consumables etc. will be included in the rate of wood used.
- 2.5. The price is to be quoted in the following **format:** -
Rate in Rs per cubic meter of wood for the Supply of wooden packing boxes:

Sl. No.	Item	Amount in Rupees
1.1.	Cost of wood (Rs. per cu. mtr)	
1.2.	Cost of other items/material required in making of boxes (Rs. per cu. mtr)	
1.3.	Total Material cost (1.1 + 1.2) (Rs. per cu. mtr)	
1.4.	Taxes (VAT) %	
1.5.	Total Cost (1.3 + 1.4) (Rs. per cu. mtr)	
1.6	Total volume (cu. mtr)	864
1.7	Total Amount (Rs.) = 1.5 x 1.6	

- 2.6 The prices are firm.
- 2.7 CST against form C will be payable at actual.



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- 2.8 Original excise duty gate pass & TAX invoice of VAT, if applicable shall be submitted by the vendor to enable purchaser to claim Cenvat credit.
- 2.9 Excise duty / Sales tax/ VAT shall be claimed separately in the bills for supplies. This shall be payable at actual.
- 2.10 The packing boxes, shall be supplied FOR, CSU BHEL Jagdishpur.
- 2.11 The title of goods shall pass on to the purchaser on FOR Terms.
- 2.12 Terms of Payment:**
- Payment including excise duty & CST/VAT will be made against Stores Receipt Voucher (SRV). Payment will be through e-payment mode.
 - Supplier should submit monthly bills along with all delivery challans.
 - 80 % of the cost of the boxes supplied will be paid on clearance of SRV.
 - Balance 20% of the cost of the boxes will be paid after the using/ packing of these boxes at BHEL or 30 days from date of receipt of boxes whichever is earlier.
 - Payment will be made within 30 days of the submission of bills by the supplier.
- 2.13 Penalty for Delay in supply:**
- The delivery of the packing boxes shall be made within the time prescribed on the requisition letter issued by user department. Failure to supply the boxes in time as per the delivery specified would make the vendor liable to an un-conditional penalty at the rate of one percent (1 %) of the supply order value of lot per week (or part thereof) subject to a maximum of ten percent (10%) of the supply order value of that lot.
- Deduction from bills will also be made in case of quality deficiency of the packing boxes as recommended by authorized BHEL representative.
- 2.14 Risk Purchase Clause: BHEL at its option will be entitled to terminate the contract and purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the seller fails to deliver within the stipulated time. The seller shall be liable for any loss, which BHEL may sustain by such risk purchases. The loss may be recovered from the vendor's outstanding bills with the concerned unit or any sister unit.
- 2.15 Inspection: The Inspection and acceptance of material will be at BHEL works.
- A. Entries of loaded vehicle of crates will be allowed between 9:00 AM to 2:00 PM on all working days. However BHEL will not be responsible for unloading of crates due to any reason thereof. The Unloading of crates will be in the scope of Vendor.
 - B. Rejected material shall be lifted by vendor through same vehicle by which cartes are delivered.
- 2.16. Party will have to follow all the legal and statutory requirements of State and Central Government and other government bodies and their rules issued time to time. BHEL will not be responsible in any way if they are fined or penalized due to non-fulfillment of these requirements .BHEL will cancel the contract, if in case party is found as the violator of any government rules.
- 2.17. In case of unsatisfactory performance of quality / delivery BHEL will have right to discontinue the contract in part or full.
- 2.18. The wood if banned by any government authority at any point of time shall be not used for boxes in spite of its mention in drawing/specification provided by BHEL. The responsibility to ensure the compliance of government/ salutatory authority ruling in this regard lies with Vendor. BHEL will not be responsible in any way if the vendor is fined or penalized due to non-fulfillment of these requirements.



SPECIFICATION HY51463 FOR PACKING WOOD

NON-CONIFEROUS TIMBER FOR GENERAL PACKING PURPOSES

1. **GENERAL:**

This specification governs the quality of non-coniferous timber supplied in the form of planks, battens, beams and sleepers. This specification supersedes PS: 40101/A.

2. **APPLICATION:**

Used for the manufacture of packing cases/crates.

3. **COMPLIANCE WITH NATIONAL STANDARDS:**

Assistance has been derived from the following Indian Standards in preparing this specification.

IS: 399 – 1963: Classification of commercial timber and their zonal distribution.

IS: 1326 – 1976: Specification for non-coniferous sawn timber (Baulks and Scantlings)

(Amendment 1).

IS: 5966 – 1993: Specification for non-coniferous timber in converted form for general purposes.

IS: 6662 – 1993: Specification for timber species suitable for wooden packaging. (Groups I & II).

4. **TERMINOLOGY:**

For the purpose of this specification, the definitions given in IS: 707 (Glossary of terms applicable to timber and timber products) shall apply except for the beam which is defined as below. Beam is defined as converted timber whose cross-sectional dimensions exceed 50mm in both directions.

5. **SPECIES:**

The species of non-coniferous timber shall be as per annexure A.

6. **DIMENSIONS AND TOLERANCES:**

6.1 **Sizes:**

Width, thickness and length of timber shall be clearly stated on the order/drawing.

6.2 **Tolerance:**

6.2.1 **Width:**

Width, mm	Tolerance, mm
50, 75, 100	+ 3
125, 150, 200, 225, 250	{ + 6 {- 3

6.2.2 **Thickness**

Thickness, mm	Tolerance, mm
20, 25, 35, 40, 50	+3
75, 100, 125, 150, 175, 200, 250	+6 -3

6.2.3 **Length:**

Standard length:

1 to 12metres in multiples of 0.5 metre.

Tolerance:



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± 2% or ± 50mm whichever is less.

Note: The minus tolerances for width, thickness and length shall not be permitted in more than 10% of the timber supplied.

7. SEASONING AND MOISTURE CONTENT:

7.1 Timber for packing purpose other than export orders:

The timber shall have a moisture content of 30% maximum for planks and battens and 35% maximum for beams within a depth of 15mm from the surface excluding a length of 30cm from each end, at the time of inspection any time in the year. The moisture content will be determined in accordance with appendix-A of IS: 287. This does not apply to timber procured in sleeper form for further conversion.

7.2 Timber for packing purpose for export orders:

The moisture content shall not exceed the maximum of 18%.

7.3 The moisture content % shall be specified in the order.

7.4 If it is not possible to procure wood with moisture content 18% maximum limits, the procured wood shall be seasoned internally/externally so as to limit the moisture content.

8. FREEDOM FROM DEFECTS:

Timber shall be free from the following defects:

Brashness, splits across the grain, shakes, cup, spring, twist insect attack, any kind of decay (rot) visible infection, open centre heart, centre heart on planks and any other defect. The extent to which defects are permitted are given in Annexure II.

9. END COATING:

Timber shall be coated with any of the following effective compositions, upto a distance of 80mm from each end or 20mm more than the longest split.

9.1 Thick coal tar or bituminous paint.

9.2 Resin and lamp black (10:1), melted, mixed and applied hot.

9.3 Hardened gloss oil.

9.4 Paraffin wax.

9.5 Molasses and lime (3:1).

10. END STRAPPING:

Timber above 200mm x 200mm cross section or as and when required shall be strapped with steel clamps to prevent end splitting.

11. CERTIFICATES:

The supplier shall furnish a certificate with each lot/consignment in support of the type of species, treatment (Fumigation/Chemical), if any, and moisture content.

12. MARKING:

The timber shall be marked/painted in order to identify the source of supply in accordance with out instructions.