



Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)
Central Dispatch Division

Following are the mandatory requirements. Offers of vendors not meeting these requirements will not be considered.

Date: 23.09.2019

Pre-qualification criteria for vendors for purchase of plywood (Mat.Code- WWMW01221230, size-12 X 2400 X 1200 MM)

1. Minimum Experience requirement :-

- The bidder should have supplied at least 500 Nos. of ply wood in a single order having minimum dimension 12 X 2400 X 1200 (In MM) to any Indian public sector unit or any Indian govt. organization or any Indian private sector in last three years (up to the date of this PQR).
- Documentary evidence like purchase order copy etc. for getting the order and any document or certificate for successful timely completion of the supply (e.g. like final payment receipt, timely delivery etc.) in this respect should be submitted by the bidder.

2. Minimum Quality Requirement of the material:-

- The vendor shall confirm that material will conform all the requirement of BHEL specification AA511101 rev. No. 02.
- The vendor shall provide the test certificate of the material as per section 8.0 mention in the BHEL specification AA511101 rev. No. 02.

Pre-qualification criteria for vendors for purchase of ply board (Mat. Code- AA5111701109, size-19 X 2440 X 1220 MM)

1. Minimum Experience requirement:-

- The bidder should have supplied at least 100 Nos. of ply board in a single order having minimum dimension 19 X 2440 X 1220 (In MM) to any Indian public sector unit or any Indian govt. organization or any Indian private sector in last three years (up to the date of this PQR).
- Documentary evidence like purchase order copy etc. for getting the order and any document or certificate for successful timely completion of the supply (e.g. like final payment receipt, timely delivery etc.) in this respect should be submitted by the bidder.

2. Minimum Quality Requirement of the material:-

- The vendor shall confirm that material will conform all the requirement of BHEL specification AA511101 rev. No. 02.
- The vendor shall provide the test certificate of the material as per section 8.0 mention in the BHEL specification AA511101 rev. No. 02.


Abhay Kumar
Sr. Engineer (bk-7)


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Sr. Mgr. (Bk-7)


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AGM (CDX)



CORPORATE PURCHASING SPECIFICATION

AA 511 01

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PLYWOOD FOR GENERAL PURPOSES

1. GENERAL:

This specification governs the quality of Plywood For General Purposes.

2. APPLICATION:

Used in protective packaging, partitions, etc.

3. COMPLIANCE WITH NATIONAL STANDARDS:

There is no Indian Standard Covering this type of material.

4. DIMENSIONS AND TOLERANCES:

4.1 Sizes:

Length, Width, thickness and number of Plies shall be stated on our order.

4.2 Tolerances:

The following tolerances on the nominal sizes of finished boards shall be permissible.

Dimension	Nominal Size	Tolerances
a) Length	Upto & Includ.	+ 3 mm
	120 cm	- 0 mm
	Above 120 cm	+ 6 mm - 0 mm
b) Width	Upto & Includ.	+ 3 mm
	90 cm	- 0 mm
	Above 90 cm	+ 6 mm - 0 mm
c) Thickness	Upto & Includ 5 mm	± 10 Percent
	6 to 9 mm	± 7 Percent
	Above 9 mm	± 5 Percent

Revisions: Reference of IS: 303 deleted.
Refer Cl 4.5 of MOM. WG(T&PM).

Approved: **INTERPLANT MATERIAL WG (T&PM)**
RATIONALISATION COMMITTEE

Rev. No. 02	Rev. Date Feb. '93	Revised: BHOPAL	Prepared CORP. R&D	Issued CORP. R&D	Date July, '80
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5. FINISH:

The faces of plywood boards shall be reasonably smooth and face veneers shall be of reasonably uniform thickness. Slight sanding may be given to rough boards in order to make them reasonably smooth. The edge of the boards shall be trimmed square within 3 mm.

6. TEST SAMPLES:

Two boards of 300 x 300 mm size in ordered thickness shall be supplied for testing.

7. PROPERTIES:

When tested in accordance with IS: 1734, the test pieces shall show the following properties:

7.1 Moisture Content (IS: 1734, Part I):

5 to 15 percent.

7.2 Glue Shear Strength In Dry State (IS: 1734, Part IV):

Average Value : 685 N (70 kgf) minimum.

Individual Value : 490 N (50 kgf) minimum.

8. TEST CERTIFICATES:

Unless otherwise stated, three copies of test certificates shall be supplied giving the following information:

AA 511 01 : Plywood For General Purposes.
Rev. 02

BHEL Order No.

Supplier's Name & Trade Mark, if any:

Batch No.

Test Results of Clauses 7.1 & 7.2.

9. PACKING AND MARKING :

Each Plywood board shall be legibly and indelibly marked or stamped on the face near one corner with the following:

AA 511 01 : Plywood For General Purposes.

BHEL Order No.

Manufacturer's/Supplier's Name:

Trade Mark, if any:

Batch No.

Year of Manufacture:

Grade & Type:

Size & Quantity:

The Plywood boards shall be suitably packed to prevent damage during transit.