



COIL & INSULATION MANUFACTURING

CIM - 001 Rev- 00

PQR FOR CARD BOARD TUBES

Date : 07/06/2013

Sht. 1 of 2 shts.

### 1. Background

BHEL is manufacturing various types of electrical machines (Motors and Generators). In these machines various types of insulation tapes are required. These tapes are manufactured in running lengths. The width of roll is approximately 1 meter.

These rolls are slit into strips/tapes, ranging in thickness from 12.7mm to 25mm. These tapes are wound on the card board tubes.

### 2. Purpose

Purpose of the card board tube is to, act as bobbin for various insulation tapes.

### 3. Requirement

Paper tubes made up of kraft paper/ board of minimum 22 BF and high (250 min) ply bond. Fine cutting shall be done to ensure burr free edges. De-lamination of layers of paper or board shall not occur.

### 4. Size of Card Board Tubes

SL.NO.	INNER DIAMETER (mm)	OUTER DIAMETER (mm)	LENGTH (mm)
1	38.10	46.45	12.7
2	38.10	46.45	16.0
3	38.10	46.45	20.0
4	38.10	46.45	25.0

### 5. Annual Requirement

The annual requirement of the aforesaid sizes of Card Board Tubes is in the range of 1500-2000Kg(all sizes put together).

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08.06.13  
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ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED



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**6. General information to be furnished by the firm (for information only):**

SL.NO.	DESCRIPTION
1	Year of Establishment of manufacturing firm

**7. Qualifying information to be furnished by the firm**

1	Production /supply capacity of the firm for this material per month/annum to be informed
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**8. TECHNICAL EVALUATION AND CLEARANCE**

Vendor qualifying the above criteria shall submit 10 Nos. of sample of this material in 25mm length (ID 38.1mm and OD 46.45mm), "Free of cost" for testing purpose. The sample shall undergo shop trial.

If the sample fails in the shop trial ,the vendor may not be considered.

The vendors found successful after evaluation may apply for assessment/registration as per BHEL's Supplier Evaluation and Review procedure.

(See link:[http://www.bhelbhopal.com/bhel\\_bhupal\\_vendor\\_registration.htm](http://www.bhelbhopal.com/bhel_bhupal_vendor_registration.htm))

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