



INSULATION SKETCH	IN.SK.30326
INSULATION SYSTEMS ENGINEERING	Rev. No.: 00
PRE-QUALIFICATION REQUIREMENTS (PQR) FOR SUPPLYING BOTH SIDES SILICONE COATED POLYESTER RELEASE FILM TO SPEC. IN SK 46054	Rev. Dt.: 21/03/2014
	Sht. 1 of 2 Shts.

1. Background

BHEL is manufacturing various types of rotating electrical machines (motors & generators) for power plants / industries / traction applications etc. In these machines, various types of insulating/technological materials are required. These motors and generators are Class-F insulated and have a very long expected working life.

These machines require, in addition to other materials, ~~require~~ various technological materials for release purposes. For one such material, namely both sides silicone coated polyester release film; BHEL intends to develop alternate sources for procurement. This material is used for release purposes during pressing of stator coils/bars under heat and pressure for LV & HV AC rotating electrical machines. The major technical and quality requirements are given in BHEL Spec. In Sk 46054. Vendors have to confirm complete compliance to BHEL spec. In Sk 46054 and also fulfill the Pre-Qualification Requirements (PQRs) given in the present specification (IN.SK.30326) to qualify for supplying this material to BHEL Bhopal.

NOTE: Only Original manufacturers or their authorized representatives may apply for registration along with letter of authorization from the principal. Traders/ agents/ dealers/ stockists are not acceptable.

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

SL.NO.	DESCRIPTION
1	Year of Establishment of manufacturing firm
2	Is the firm ISO 9001 certified?

3. Qualifying information to be furnished by the firm (Information/ acceptance to be given in this sequence only) :

1	List of manufacturing facilities The firm must have adequate manufacturing facilities at their works/in-house for manufacturing this material, exactly as per the technical specification In Sk 46054
2	The firm should have manufacturing and supply experience of same/similar material. The proof of the same (PO Copies) to be attached. If required, prices can be masked in PO copies. Performance certificate (VPR etc.) of the vendor from these manufacturers may be attached if available.
3	Production capacity of the firm for this material per month/annum to be informed
4	The firm should accept and meet all clauses of technical specification In Sk 46054

Distribution:	Date of Rev. 00: 21/03/2014	Name	Signature
CIM	1	Prepared by	Nidhi Gupta
MDX	1	Checked by	Bishwanath Oraon
QCX (CIM)	1	Approved by	Anirudha Tijare
AME	1	Issued by	Nidhi Gupta
HGE	1		
ISE	1		

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED



BHOPAL

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Sht. 2 of 2 Shts.

4. TECHNICAL EVALUATION AND CLEARANCE

Vendors qualifying the above requirements will have to submit 2 sample rolls of the material (0.05 tk X 40 mm wide) 'Free of cost' along with the TC of material for testing as per BHEL spec In Sk 46054 by BHEL's TSD department and for shop trial. If the sample fails in TSD testing / 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 the link http://www.bhelbhopal.com/bhel_bhopal_vendor_registration.htm)

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