



ELECTROPORCELAINS DIVISION
BENGALURU – 560012, INDIA

PS 901 02 0004

Rev No : 00

Purchase Specification
Group : Photovoltaic Module

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INSULATION SHEET FOR PV MODULE

- 1.0 ITEM : INSULATION SHEET FOR PHOTOVOLTAIC (PV) MODULE
(COMPOSITION: EVA/PET/EVA)
- 2.0 APPLICATION : FOR USE AS ELECTRICAL INSULATION OF INTERCONNECTS
AND BUS BARS IN PV MODULE STRINGS
- 3.0 WIDTH : 625 ± 5 mm
- 4.0 THICKNESS : 330 to 400 microns
- 5.0 COLOUR : WHITE (on both sides)
- 6.0 CERTIFICATION : TUV / UL Approved.

PACKING CONDITIONS:

1. Material shall be packed in aluminium foil / polythene cover to avoid possible material degradation.
2. Roll length : not more than 100 linear metres
3. Each roll and outside carton shall have manufacturer label containing manufacturer name, lot no., date of manufacture, area in sq. Mt.
4. Outside carton/plywood box shall have BHEL PO Number.
5. Shelf life and storage details shall be furnished by the supplier along with the offer.

Prepared By - PK	Reviewed By - NAR	Approved By - CNP	Date of Issue
			12.08.2016

Annexure – I

PR No.: 123000482, Dated: 12.09.2017
 Item : Insulation Sheet for SPV Module
 Qty. : 24500 M2

A. PRE-QUALIFICATION CRITERIA		Bidder's Confirmation (Please indicate deviations, if any)
1	The offer shall be quoted only by the original SPV Insulation sheet Manufacturers. However OEMs can also quote through their authorized channel partners/ dealers / representatives with a valid authorization certificate.	Manufacturing Plant Location: (Complete Address & Contact Details)
2	Vendors should have a minimum of 100000 (One Hundred Thousand) M2 per annum production capacity for Insulation Sheet.	Annual in-house manufacturing capacity for Insulation sheet :.....SQM Vendors should provide documentary evidence for demonstrating their plant capacity published by the way of published annual reports, licenses, third party certification etc
3	Vendors should have supplied Insulation sheet of minimum 50000 (Fifty thousand) M2. per annum to reputed SPV Module manufacturers. The reputed module manufacturer should have manufactured module of rating 250 Wp or above and shall be IEC certified in the last three years.	Vendors should purchase order/ contracts/ delivery documents, performance certificate etc. from their customers viz., PV module manufacturers for supply of ARC Glass.
BHEL RESERVES THE RIGHT FOR INDEPENDENT VERIFICATION OF THE CLAIMS MADE FOR CONFORMANCE TO THE PRE-QUALIFICATION CRITERION. BIDDERS TO ENSURE PROVIDING AUTHENTIC CERTIFICATES / DOCUMENTATION AND CREDENTIALS IN ORDER TO QUALIFY FOR BHEL TENDER PROCESS.		
B. TECHNICAL		
1.	Insulation Sheet offered shall comply with BHEL Technical Specification No. PS 901 02 0004, Rev. 00.	Acceptable/Not Acceptable
2.	Certificate of conformance to the specification shall be provided with each lot mentioning BHEL Purchase Order number and quantity supplied.	Acceptable/Not Acceptable
3.	Supplier has to replace defective/damaged insulation sheet found during opening of the package at the time of actual use at BHEL.	Acceptable/Not Acceptable
C. Price Basis		
1.	Price is to be quoted on per Square Meter basis.	Acceptable/Not acceptable