

Technical Pre-Qualification Requirement (PQR) for procurement of Silicone Rubber Coated Fiberglass Sleeving with High Dielectric Strength

Ref. No. TME/521A


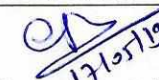
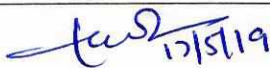
Date: 17.05.2019

Technical Pre-Qualification Requirement for procurement of Silicone rubber coated fiberglass sleeving is as under:

Sl No.	Description	Vendor to comment	
		Yes/No	Supporting relevant document to be submitted
1.	Sleeve shall meet the following properties: a. Operating Temperature: -70 to 200°C b. Dielectric Breakdown Voltage: >12KV (individual), 15KV (Average) c. Dielectric Breakdown Voltage after short term ageing: >10KV (individual) after 96 hrs. at 250°C d. Arc resistance: 150 seconds minimum e. Thermal Endurance: Temperature Index of 200°C at 15,000 hrs. minimum. f. Pushback after heat ageing: After heat 168 hrs. at 250°C, Visual inspection shall show no cracks or rupture in the pushed in area of the samples. BDV > 10KV (individual) g. Hydrolytic stability: 336 hrs over water at 21°C, No disintegration, reversion or tackiness and BDV > 10KV (individual)	Yes/No	<ul style="list-style-type: none"> Deviation in specification (if any), should be clearly mentioned.
2.	All testing facilities should either be NABL accredited or duly calibrated with NABL or equivalent international agency.	Yes/No	<ul style="list-style-type: none"> Undertaking from manufacturer that testing facility used is/ are calibrated by NABL or equivalent international agency.
3.	Manufacturing and supply experience in preceding 2 years (from tender opening date) of same/similar* item.	Yes/No	<ul style="list-style-type: none"> Un-priced PO copy.
In case vendor is not a manufacturer, in such case authorization from manufacturer stating that vendor is authorized to quote the above item to BHEL is mandatorily required in addition to above information mentioned in PQR.			

Note:

- Sleeves with Silicone rubber coated fiberglass shall be considered as same/similar item.

Prepared By:	Checked By:	Approved By
 (Kunal Dugvekar) Dy. Mgr. /TME	 (Vikas Rawtiya) Sr. Manager/TME	 (S. P. Singh) Sr. DGM/ TME