

Technical Pre Qualification Requirement (T-PQR)
for Silicon Based Finish Varnish (Dow Corning 1- 2577) or equivalent

Ref. No. TME/437A

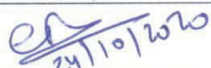
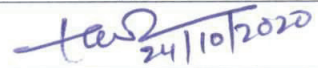
Date: 24/10/2020

Technical pre-qualification requirement for procurement of Silicon Based Finish Varnish (Translucent, conformal coating with firm, abrasion resistant surface after cure) Dow Corning 1-2577 or equivalent.

Sl. No.	Description	Vendor to comment	
		Complied / Not complied	Supporting relevant document to be submitted
1.	Silicon Based Finish Varnish (Translucent, conformal coating with firm, abrasion resistant surface after cure) Dow Corning 1-2577 or equivalent. Vendor to submit Technical data sheet, MSDS and Storage/ handing instructions of offered resin. Following are desirable properties in varnish • Ease of application by spraying, dipping, brushing or flow coating • Room temperature cure or rapid heat cure (with / without additional catalyst) • Good adhesion • Clear color • Stable and flexible from -40°C to 200°C • Excellent dielectric properties • Compatibility with silicone insulation system	Yes/No	• Technical data sheet • MSDS of resin • Storage/ handing instructions • Clause by clause comments on desirable properties
2.	Manufacturing and supply experience in preceding 2 years of same/similar* material to electrical machine manufacturers to be submitted.	Yes/No	• Unpriced PO copy along with proof of supply (Invoice, Challan etc.)
3.	Vendor to furnish annual manufacturing capacity of the above item.	Yes/No	-
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:

1. Silicone based Finish varnish Dow Corning 1-2577 or equivalent having desirable properties as per serial no. 1 shall be considered as same/ similar item.
2. Vendor to submit 5 Kg material for testing & trial along with compliance of this Pre Qualification Requirement

Prepared By:	Checked By:	Approved by:
Prasad. 24/10/2020	 24/10/2020	 24/10/2020
Prasad Telang Dy. Manager/TME	Vikas Rawtiya Sr. Manager/TME	S. P. Singh Sr. DGM/ TME