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भारत हेवी इलेक्ट्रिकल्स लिमिटेड, भोपाल
 (भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited, Bhopal
 (A Government of India Undertaking)
 संकर्षण मशीन अभियांत्रिकी प्रभाग
TRACTION MACHINES ENGINEERING DIVISION



TME/DC-INSU /2016-17/ VPI

Dated: 12.11.16

Technical Pre- Qualification Requirement (TPQR)

Pre-Qualification requirement for "Class-200 Epoxy based VPI resin system" as per specification no. TM89141, is as under:

Sl. No.	Description	Vendor to comment	
		Complied / Not complied	Supporting relevant document to be submitted
1.	Resin for VPI to be: 1) Multi-Functional Epoxy Resin (L-2832) as per TM89138 2) Di-Functional Epoxy Resin (DER-332) as per TM89139 3) Acid Anhydride (MHAC-P) as per TM89140 4) VPI system using Above resin as per TM89141 5) Catalyst P-200 as per TM8937 (used during coils tapping stage with alcohol)	Yes/No	Clause by clause compliance of specification to be submitted
2.	Manufacturing and supply experience of minimum 2 years of same/similar* item to traction motor/alternator manufacturers. Vendor to inform the quantity of same/similar* item supplied in past.	Yes/No	Un-price PO copies of same/ Similar* item.
3.	Supplier to submit technical datasheet of material with corresponding MSDS and storage & handling instructions	Yes/No	<ul style="list-style-type: none"> • Technical Datasheet • MSDS • Storage & Handling Instruction to be submitted
4.	Details of testing facilities used for testing of above item to be provided.	Yes/No	Details of testing facility.
5.	Supplier to submit material test report from some NABL or equivalent agency	Yes/No	Material test report from NABL or equivalent agency is required.
6.	Vendor to submit minimum 10 Kg sample of material for testing and shop trial at BHEL	Yes/No	10 Kg sample quantity required
7.	Submitted sample shall be approved by BHEL after successful testing and trial at BHEL.	Agree/ Disagree	-----
8.	Vendor to furnish annual/monthly manufacturing capacity of the above item.	Yes/No	No supporting documents required
9.	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: (*):"Epoxy based VPI system with catalyst/without catalyst having temperature class at least class-200 or above used in traction motor/alternator" shall be considered as similar item.

Prepared By	Approved By
 Shishu Pal (Dy.Mgr./ TME)	 Vikas Rawtiya (Mgr./ TME)