

**BHARAT HEAVY ELECTRICALS LIMITED, HARIDWAR**

Control & Instrumentation Engineering (CIE)

PRE-QUALIFICATION REQUIREMENT

DC Starters Panels & GIC

DOCUMENT NO.

**CIE/CABINETS/PQR/20240173
R00**

Date: 18.04.24

A. Indent No.: 20240173

B. Application: DC.JOP, DC.EOP, DC.SOP are required for starting of DC Compound Motors in power plant for pumping oil. **DC Starter panel** houses various power devices such as line contactor, thermal overload relay, switch fuse disconnect unit, fuses, shunt & ammeter, signalling lamps etc. for reliable operational start of the DC motor. GIC comprises of Power Supply Unit, safety barrier, Level switch, Level transmitter/controllers etc.

Sr. No.	PRE-QUALIFICATION REQUIREMENTS	VENDOR RESPONSE
1.	Bidder shall be regular supplier of Power Distribution Board / MCC. In support BIDDER to provide PO(s) copy for supply of total 10 nos. or more panels in last 5 years from Date of Enquiry.	
2.	Bidder must have supplied PDB/ MCC with at least 2 modules of motor starter with motor current 150A or more. Bidder to provide supporting document.	
3.	Bidder shall be able to supply all items i.e. DC Starters and GIC. Bidder to confirm (BOM and schematic of all panels is provided by BHEL along with the enquiry)	
4.	In DC.JOP starter vendor shall be required to mount Double pole 600A, DC contactor (weight 24 kg approx.). Vendor to note and confirm.	
5.	Bidder shall have facility for HV (upto 2kV) and IR for 220V DC starter testing. Bidder to confirm.	
6.	Bidder shall be able to produce IP54 Type test certificate of bare cabinet on placement of order. Bidder to confirm.	

Note: Bidder to confirm specific compliance wherever asked. BHEL reserves the right to verify information submitted by Bidder. In case the information is found false/ incorrect/ incomplete, the offer shall be rejected.

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