

Mandatory Pre-Qualification requirements for Double Layer Carbon Brush

Material Description & Grade: Double Layer (Silver / Graphite) Carbon Brush with flexibles and connections.

- i. Silver layer grade ASG-1 / Carbon layer grade HM 100 of M/s Assam Carbon or S13 / F19 grade of M/s Schunk or AG20 / LFC554 of M/s Carbon Lorraine (Merson) or other equivalent grade of double-layer for referred application.

Application: Grounding stray charges in Turbo-generators shaft train.

- 1. Vendor should have experience of manufacturing & supplying at least 20 nos. of Double Layer Carbon Brush in last 5 years (on the date of opening of tender), used for grounding stray charges in shaft-train of rotating electrical machines.
 - a. In support of above, vendor shall furnish their experience list, as per the following format to BHEL:

S. No.	Name & address of customer	PO No.	Size / Dimensions (mm)	Quantity	Date of supply	Application

- b. Vendor must furnish copy of unpriced PO and corresponding test certificates from at least one of the above list. The test certificates must be accepted by customer or certified by third party inspection agency. The above certificates should contain information like item details and its application.
- 2. Vendor to confirm in-house manufacturing facilities for Double Layer Carbon Brush used for grounding in shaft-train of rotating electrical machines. Details of manufacturing facilities to be furnished.
If the vendor plans to outsource any manufacturing activity, particulars of the same along with details of the sub-vendor to be furnished.
- 3. Vendor to confirm in-house facilities for carrying out the tests as mentioned in the respective drawings and provide details (including make and model) of test equipment available at their works. If the vendor plans to outsource any testing, particulars of the laboratory to be furnished.
The testing facilities should be duly calibrated against national or international measurement standards.
- 4. Vendor to provide clause-wise confirmation of ordering specifications and drawings.

Note:

- i. Vendors to confirm specific compliance of above requirements else offer will not be considered.
- ii. BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.
- iii. All the documents should be submitted in consolidated manner and in English language or duly certified English translation.