



Bharat Heavy Electricals Limited
Electroporcelains Division, Bangalore – 560 012

Control Panel Business Group

Doc. No. EP-CPBG-PQR-NSPBD-001

REV.001

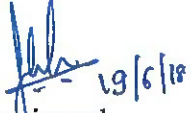
DATE: 19.06.2018

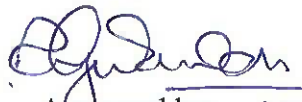
Pre-qualification requirement for 415V Low Voltage Non-Segregated Phase Bus duct (NSPBD)

1. Vendor shall be original manufacturer for 415V LT non segregated phase bus duct.
2. Vendor shall have complete in-house manufacturing and routine testing facility.
3. Vendor/Bidder shall have valid type test certificate as mentioned below for rating 1600A & above.
 - a. Short circuit type test (50KA for 1Sec.)
 - b. Heat Run test/Temperature rise test.
 - c. Degree of protection IP-55.
4. Vendor must have supplied at least 300 meter of non-segregated phase bus duct(NSPBD) rating 1600A and above comprise of maximum 3 orders in last 5 years and each order must have minimum 50 meter quantity.
5. The manufacturer must have ISO 9001 certification and quality plan for design, manufacturer and testing of NSPBD.
6. BHEL/END USER may visit the factory for assessment, irrespective of documents submitted.
7. The technically qualified vendors confirming all the above Qualification criteria shall be referred to END USER for final approval. Only END USER accepted vendor's bids shall be considered for further process in tender.

Prepared by: -

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Reviewed
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PROJECT SPECIFIC PQR REQUIREMENT:-

Vendor must submit the completely filled NTPC sub-supplier questionnaire with all relevant annexures along with below mentioned documents.

- a. Details of Raw Material, BOI quality control available (if any)
- b. Control over outsourced process (if any)
- c. Organizational setup along with QA setup detailing the individual's role, qualification and years of experience.
- d. Sample check sheets for in process quality control.
- e. Reports of traceability of component manufacturing from start of manufacturing to the final product.
- f. Details of work instruction for critical activities if any
- g. Details of design capability(details of design tools, manpower and their experience details)
- h. Details of manufacturing facilities available along with sample work instruction sheets.
- i. Description of space allocation for individual manufacturing processes involved.
- j. Details of testing facilities available along with calibration status.
- k. Supply experience list preferably for last 3-5 years for the subject item
- l. End user feedbacks for the subject items
- m. Details of customer complaint handling system
- n. Details of safety procedures available in the manufacturing premises.
- o. Copies of some 3rd party witnessed inspection reports for the subject items corroborating with NTPC test requirements.

NOTE: - Each requirement as asked above may be tagged separately for easier understanding and faster execution. Vendor is requested to submit the 3 set of hard copy of the above documents

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