



**Bharat Heavy Electricals Limited**  
**Electroporcelains Division, Bangalore – 560 012**

**Control Panel Business Group**

**Pre-qualification requirement for 415V Low Voltage  
sandwiched type Bus duct**

1. Vendor shall be original manufacturer for 415V LT sandwiched bus duct.
2. Manufacturer shall have valid type test 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.
3. Manufacturer must have been manufacturing sandwiched type bus duct for minimum 3 yrs and have supplied sandwiched type bus duct 1600A & above for at least 2 establishment. Purchase order copy for such supplies shall be furnished.
4. The manufacturer must have *ISO 9001* certification and quality plan for design, manufacturer and testing of sandwiched bus bar systems.
5. Manufacturer must have in-house manufacturing and testing (routine) facility.
6. BHEL/NTPC 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 NTPC for final approval. Only NTPC accepted vendor's bids shall be considered for further process in tender.

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