

**Compressed Air Supply & Brake System Equipment's
for
High-Speed Rail (B28) Project**

**QUALIFICATION / ELIGIBILITY CRITERIA
(As per Clause 4 of PTS Doc No. FPIIC/TD/009 dated 28-02-2025 (Rev-00))**

SL No	Particulars
1	<p>4. Qualification Criteria</p> <p>I. Intended Supplier should be a reputed OEM and an entity of Indian origin having experience in Design, Development, Manufacture and Supply of the proposed aggregate for High-Speed trains (operating speed 249kmph and above) and should have capability to design, manufacture, testing & commissioning and training. Company profile and the infrastructure details shall be submitted by the firm.</p> <p>II. The Proposed compressed Air Supply System and Brake system shall be of proven design i.e., the design of equipment components etc., shall be based on sound, proven and reliable engineering practices.</p> <p>III. The Supplier shall have supplied the Compressed Air Supply System and Brake System at least Three (3) High speed rail Projects (operating speed 249 kmph and above). Proposed sub-systems shall have been in use and have established their satisfactory performance and reliability on at least three (3) High speed rail projects systems in commercial / revenue service over a period of three years or more (in each High Speed Rail Project) outside the country of origin in three different countries.</p> <p>IV. Supplier shall provide certificate of satisfactory performance for a period of three years or more from the High-Speed train operators/Rolling stock manufacturers shall be submitted along with technical offer. The credentials of the manufacturing plant shall also be submitted along with the technical offer.</p> <p>V. Air compressor shall be of proven design in High-speed rail applications and establish its reliability, maintenance requirement and life of the compressor components including bearings, cylinders, piston etc.</p> <p>VI. The firm should have designed, and supplied Compressed Air Supply System Brake system for High-Speed rail projects having ATO level of automation. Such supplies should have been in revenue service with satisfactory performance. Satisfactory</p>

performance certificate from the High-Speed Rail Project operators needs to be furnished.

- VII. The firm shall undertake to provide the support during Testing & Commissioning, service trials, revenue service & maintenance. The firm shall also supply all Spares and Consumables required to meet the comprehensive maintenance obligations at all times through entire DNP and 15 years Comprehensive Annual Maintenance period. The firm shall submit detailed proposal in this regard.
- VIII. The technical support of Supplier shall be made available through permanent positioning of Supplier's staff at Maintenance Depots for meeting DNP obligation as per ICF-MD-SPEC-447 and Comprehensive Annual maintenance period.
- IX. The firm should give an undertaking to supply spares for a minimum period of 15 years from the date of commercial operation of each trainset supplied by BEML.

4.1. Unclear aspects

If any term/clause/definition is unclear in this specification, Supplier shall seek clarifications from design team in BEML, prior to signing contract, to confirm the same.

After signing the contract, Supplier shall follow the definition and opinion of design team in BEML.