

BHARAT HEAVY ELECTRICALS LIMITED
MM/RM/PURCHASE/TUBES

Ref: MM: Pur: Tubes Rev01

Dt:30.09.2019

**Pre-Qualification requirements (PQR) for the procurement of Carbon Steel/
Alloy Steel/Stainless Steel Tubes through Open Tender (As per TDC:102 Rev 18)**

A) Organizational Capability:

1. Manufacturers having tube mill are only eligible to participate. Offer from traders, re-rollers (Suppliers having only cold finishing facility), fabricators and stockists are not acceptable and will not be considered for evaluation. Vendor to indicate the nature of the firm. Product catalogue shall be submitted.
2. Suppliers shall submit filled in supplier facility report for Tube mill (Format enclosed). Suppliers without basic manufacturing facilities in-house, shall not be considered for evaluation. In house facilities for Heat treatment & Non-Destructive Testing (On-line UT & Online Thickness Measurement facility for Tubes) are mandatory requirements for consideration of the offer.
3. If the supplier is not having steel making facility, then source of raw material for the manufacturing shall be from **IBR** approved well known steel maker or certified by **IBR** approved inspecting authority (Form-IV to be attached). If the supplier is dependent on more than one source for steel making, all the sources should be indicated, and the supplies should be restricted to the indicated list of raw material suppliers. For the submitted raw material sources, the supplier shall confirm that the raw material test certificate/s will be furnished along with product test certificate/s.
4. Chemical, Mechanical testing shall be done in house or at Labs certified as per ISO 17025 or Government approved labs.
5. Suppliers shall submit a valid ISO 9001 certificate or Quality Assurance Manual or Written down procedure.
6. BHEL/End customer reserve the right to inspect the item ordered at any stage at vendor's works and if found not meeting the stipulated conditions, material is liable for rejection.
7. BHEL/End customer reserves the right to inspect the first lot of materials at vendor's works for giving clearance before bulk production.
8. BHEL reserves the right to visit supplier's works to audit and inspect to ensure the capability for technical evaluation.

B) Technical Competence:

1. Point by point confirmation to the TDC requirements is mandatory for consideration of offer and signed TDC shall be submitted.
2. Suppliers shall submit manufacturing process flow chart (Raw material to finished product) to meet the TDC requirements along with technical bid.
3. Suppliers shall submit the experienced manpower details specific to Manufacturing, Quality and NDE requirements.


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C) Past Experience/ Performance:

1. Suppliers shall indicate their annual installed capacity for the tendered specifications & it shall be more than the tendered quantity for each specification.
2. i) Suppliers shall have supplied tubes in each of the tendered specification. Unpriced PO copies & Proof of supply (such as invoice / bill of lading copies and sample test certificates) shall be submitted for the tendered specification.

ii) Details of supplies made in recent past indicating the Quantity, Specification, Size & Customer details shall be submitted year wise.

iii) Unpriced PO copies & Proof of supply (such as invoice / bill of lading copies and sample test certificates) covering minimum and maximum sizes meeting the tendered size requirements shall be submitted as below.
 - For Carbon Steel Tubes: Either in SA192/SA210GRA1/SA210GRC or any alloy steel Grades.
 - For Alloy Steel Tubes: Either in SA213T11/SA213T12/ SA213T22/SA213T23 or any higher alloy steel grades
 - For Alloy Steel Tubes (SA213T91, T92): Either in SA213T91/ SA213T92 Grades
 - For Stainless Steel Tubes: Either in SA213TP304H, SA213TP316, SA213TP321, SA213TP321H or any higher Stainless steel grades
 - For Stainless Steel Tubes (SA213TP347H, SUPER304): Either in SA213TP347H or SUPER304 (UNS No. S30432) Grades

If credential is not available for any specific tendered size, then specific declaration shall be submitted by mill stating the capability to produce that quoted size/s.

D) Financial Soundness:

1. Indigenous suppliers shall submit Audited copies of annual reports (Balance Sheets), Profit & Loss statement for the last four years (or from date of incorporation whichever is less).
2. Import suppliers shall submit latest report from a reputed third party business rating agency like Dun & Bradstreet, Credit reform.

Necessary supporting documents shall be submitted for meeting each of the above Pre-Qualification Criteria for evaluation of the offers.

BHEL shall consider/Not-consider the offers based on the evaluation of documents submitted for the above Pre-Qualification Criteria. If required, BHEL shall make on-site assessment of the facilities at supplier's works during the bid evaluation.



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