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|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <br><b>BHOPAL</b> | <b>TECHNICAL PRE-QUALIFICATION<br/>REQUIREMENTS (TPQR)</b> | <b>DOC. NO.: HGG-2010</b><br><b>DATE: 20-08-2020</b><br><b>REV.: 00</b><br><b>PAGE 01 OF 01</b> |
|                                                                                                    | <b>HYDRO GENERATOR ENGINEERING<br/>DIVISION</b>            |                                                                                                 |

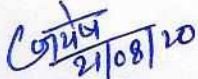
The bids are invited from Indian (see note-3) manufacturer or their authorized representative for supply of shaft forging as per drawing, purchase specification and quality plan.

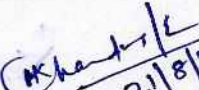
Following are the Technical Pre-Qualification Requirements (TPQR):

| Sr. No. | Description of pre-qualification requirement                                                                                                                                                                                                                                                                                                                                                                     | Vendor Response           |                                                                                                       |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                  | Complied/<br>Not complied | Supporting Documents required to accept compliance                                                    |
| 1)      | Manufacturer of forging / their authorized representative.                                                                                                                                                                                                                                                                                                                                                       |                           | Certificate of being manufacturer (for manufacturer) / authorization (for authorized representative). |
| 2)      | Experience of manufacturing steel shaft forging as per ASTM A668 Grade D or equivalent or higher grade and supply of the same during last 10 years (see note-4) having following criteria:<br>a) Minimum 3 supplies of individual forging weight of 35000.0 kgs. OR<br>b) Minimum 2 supplies of individual forging weight of 41000.0 kgs. OR<br>c) Minimum 1 supply of individual forging weight of 50000.0 kgs. |                           | - Purchase order or<br>- Test certificate & invoice.                                                  |
| 3)      | Capability of manufacturing shaft forging as per drawing and specification.                                                                                                                                                                                                                                                                                                                                      |                           | Self-certification of having the capability.                                                          |
| 4)      | Company shall be certified with ISO 9001. In case of authorized representative, valid ISO certificate of manufacturer is required.                                                                                                                                                                                                                                                                               |                           | Valid certificate to be submitted.                                                                    |
| 5)      | Vendor to confirm its capacity to manufacture at least 50% of enquired quantity within 5 months of PO. (see note-5)                                                                                                                                                                                                                                                                                              |                           | Supplier confirmation required.                                                                       |

**Note:**

1. Compliance to above Technical Pre-Qualification Requirements are mandatory. In absence of compliance of above requirements vendor TPQ application is liable to be rejected.
2. BHEL has the right to verify information / confirmation furnished, by asking additional documents, proofs etc.
3. The bids are invited only from Indian manufacturers as per Make in India initiative of Government of India.
4. The reference date will be the date of enquiry.
5. The condition mentioned at sr. no. 5 is to ascertain the suppliers manufacturing capacity and the same is not linked with any delivery schedule.

  
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