

Duly filled Technical Pre-Qualification Requirements to be submitted along with the offer by vendor

Ref No: TME/PQR/Brg. Assy. Comp. Kit_IM3302 Rev.00

Dated: 01/10/2022

Technical Pre-Qualification Requirements (PQR) for "Kit of Bearing Assembly Components"

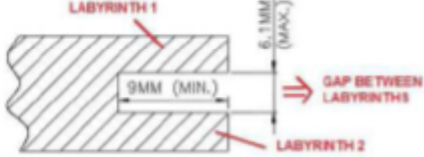
Vendor should comply with the following clauses in order to qualify for supply of Kit of Bearing Assembly Components (duly filled PQR shall be submitted along with the offer by vendor):

| Cl. No. | Description | Vendor to comment | |
|---------|--|--|---|
| | | Complied / Not complied | Supporting relevant document to be submitted along with offer |
| 1 | Vendor shall supply "Kit of Bearing Assembly Components" as per drawing no. mentioned in enquiry, without any deviation. Vendor shall ensure that "Kit of Bearing Assembly Components" supplied conforms to quality requirements as per drawing & specification. | Yes/No | Not required. |
| 2 | Vendor should be a machinist with in-house CNC machining & CMM (coordinate measuring machine) facility and not a trader. | Machinist with in-house facility/ Trader | Not required. |
| 3 | Casting raw materials should be from Class- 'A' foundry (as per IS: 12117: 1996) listed in document no. TM22604. | Yes/No | Not Required |
| 4 | a) Vendor to confirm having <i>CNC machine</i> for turning operation suitable for holding job of <i>min. 860 mm dia. and CNC machine</i> for milling operation suitable for holding job upto length 683 mm (min.) available at its works. | Yes/No | Vendor to highlight details (i.e. machining operation, model, make, year of commissioning, range, accuracy etc.) of <i>CNC machine</i> for turning operation suitable for holding job of <i>min. 860 mm dia. and CNC machine</i> for milling operation suitable for holding job upto length 683 mm (min.) available at its works. |
| | b) Vendor to confirm having 3D-CMM facility with <i>min. accuracy of 20 microns</i> , at its works, suitable for measuring indented items (all components of kit). | Yes/No | Vendor to highlight details (i.e. model, make, year of commissioning, range, accuracy etc.) of 3D-CMM facility with <i>min. accuracy of 20 microns</i> , available at its works, suitable for measuring indented items (all components of kit). |
| 5 | a) Vendor shall confirm compliance of QA plan no.TM12545 rev.06. | Yes/No | Not Required |
| | b) Vendor to confirm submission of 3D CMM report of Bearing Assembly Components along with the consignment as per QA plan (TM 12545 rev.06) requirement. | Yes/No | Not Required |

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|---|---|-------------------------|--|
| Cl. No. | Description | Vendor to comment | |
| | | Complied / Not complied | Supporting relevant document to be submitted along with offer |
| 6 | Vendor should have past experience of successfully machining & supplying any component, involving turning operation of <i>diameter 626 mm or more</i> as well as milling operation on the same job, in preceding 2 years from date of enquiry. (Vendor to ensure that documents submitted against b), c) shall correlate with the submitted P.O. copy). If desired, price details in PO, invoice may be hidden. | Yes/No | a. PO copies. b. Drawing of supplied item. (highlighted with max. turning diameter and milling operation surface) c. Supply proof i.e. invoice. |
| 7 | Vendor should have past experience of successfully machining & supplying any component, having multiple concentric labyrinths of gap of 6.1 mm (max.) between the labyrinths and 9 mm depth of gap (min.), in preceding 2 years from date of enquiry. (Vendor to ensure that documents submitted against b), c) shall correlate with the submitted P.O. copy). If desired, price details in PO, invoice may be hidden.  | | a. PO copies. b. Drawing of supplied item. (highlighted with gap between labyrinths, depth of gap and geometrical tolerance (concentricity of labyrinths)) c. Supply proof i.e. invoice. |
| 8 | For verification of information furnished by vendor, additional documents proofs etc. may be required by BHEL. Vendor to confirm providing the same. | Yes/No | Not required. |

Notes:

1. Compliance of all the points in above T-PQR is mandatory. In absence of compliance of above, vendor's offer is liable to be rejected.
2. Information / compliance / documents submitted by vendor shall be authentic in all aspects. In case any deviation / false information / forged documents are observed, BHEL is free to initiate appropriate punitive proceeding against the supplier