

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

*For uploading along with the enquiry*

Ref No: TME/PQR/IM4504/Bearing assy. components rev.00

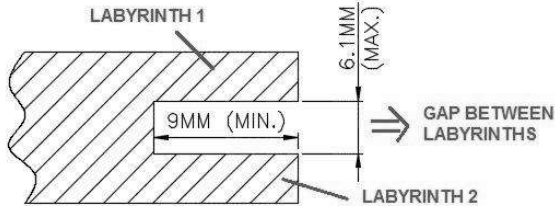
Dated: 09/05/2023

**Technical Pre-Qualification Requirements (PQR) for “Bearing assy. components”**

**Vendor should comply with the following clauses in order to qualify for supply of Bearing assy. 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 “Bearing Assembly Components” as per drawing nos. mentioned in enquiry, without any deviation. Vendor shall ensure that “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	Vendor to confirm having <b>CNC machine facility of accuracy 0.02 mm and</b> suitable for job involving turning operation of <b>minimum 740 mm diameter</b> , already commissioned at its works prior to the date of enquiry.	Yes/No	Vendor to provide details (i.e. model, make, year of commissioning, range of turning, accuracy etc.) of <b>CNC machine facility</b> suitable for job involving turning operation of <b>minimum 740 mm diameter</b> , available at its works.

1470347/2023/HEP-TAM21300	Cl. No.	Description	Vendor to comment		138/161
			Complied / Not complied	Complied / Not complied	
5		a) Vendor to confirm having <b>3D-CMM facility</b> suitable for dimensional measurement of all indented items (bearing assembly components), already commissioned at its works prior to the date of enquiry.	Yes/No	Vendor to provide details (i.e. model, make, year of commissioning, range of measurement, accuracy etc.) of <b>3D-CMM facility</b> suitable for dimensional measurement of all indented items (bearing assembly components), available at its works	
		b) Vendor shall have valid calibration certificate of CMM machine for which details provided as per clause 5 (a).		Valid calibration certificate	
6		a) Vendor shall confirm compliance of QA plan no.TM12545 rev.07.	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.07) requirement.	Yes/No	Not Required	
7		Vendor should have past experience of successfully machining & supplying any component, involving turning operation of <b>diameter 740 mm or more</b> , 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.	Yes/No	a. PO copies. b. Drawing of supplied item (highlighted with max. turning diameter). c. Supply proof i.e. invoice.	

1470347/2023/HEP-TAM21300	Cl. No.	Description	Vendor to comment	
			Complied / Not complied	Complied / Not complied
	8	<p>Vendor should have past experience of successfully machining &amp; supplying <b>40 nos.</b> of any component, having multiple concentric labyrinths of gap of 6.1 mm (max.) between the labyrinths and 9 mm depth of gap (min.) to <b>Indian Railways/Traction machine Manufacturers</b>, in preceding 2 years from date of enquiry.</p> <p>Vendor to ensure that documents submitted against b), c) shall correlate with the submitted P.O. copy.</p> 	Yes/No	<p>a. PO copies.</p> <p>b. Drawing of supplied item (highlighted with gap between labyrinths &amp; depth of gap).</p> <p>c. Supply proof i.e. invoice.</p>
	9	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

**Note:**

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.

**Important:** This document is to be filled and submitted along with the offer. This document must be signed by authorized representative of the vendor and should contain the name of representative & seal of the company.

Date: