



PPX-T DEPARTMENT
BHARAT HEAVY ELECTRICALS LIMITED
HEEP: HARDWAR-249 403 (Uttarakhand)
TEL: +91 1334 28 1889

EOI REF. NO.: STE/EOI/TPB/001
ITEM: Supply of Tilting Pad Bearings for Steam Turbine
DATE OF ISSUE OF ENQUIRY: 21.05.2026
ENQUIRY DUE DATE: 11.06.2026

EOI ref. No.: STE/EOI/TPB/001

Expression of Interest (EOI) for empanelment of New Vendors

The Heavy Electrical Equipment Plant (HEEP) located in Haridwar, is one of the major manufacturing plants of BHEL. The core business of HEEP includes design and manufacture of large size steam and gas turbines, turbo generators, heat exchangers, condensers and auxiliaries.

We are looking for reputed vendors having capability to manufacture & Supply of Tilting Pad Bearings for Steam Turbine.

Prospective suppliers may submit their offers for the EOI.

Contact persons:

Mr. Harjesh Verma
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Mr. Rahul Sharma
Designation: DGM (PPX-T)
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Vendor eligibility criteria, manufacturing and testing facilities, submission requirements, evaluation process and other information regarding EOI shall be as per **Annexure-EOI Detail**.

Based on the information provided under this EOI, the prospective vendors shall be technically shortlisted and will be invited for further technical discussion. The evaluation process shall be as per **Annexure-EOI Detail**.

Only Technical BID along with the documents mentioned in **Annexure-EOI Detail** should be sent and the envelope containing the offer shall be duly sealed and super scribed as **“Technical Bid for manufacture & supply of Tilting Pad Bearings for Steam Turbine. EOI ref. No.: STE/EOI/TPB/001 Due Date – 10.06.2026, submitted by (Name of company)”**.

- This notification shall be published on www.hwr.bhel.com, www.bhel.com & www.eprocurebhel.co.in
- Last date for downloading tender documents shall be 11.06.2026 till 13:30 Hrs. (IST). EOI received up to 13:45 Hrs. (IST) on 11.06.2026 will be considered and opened on the same day at 14:00 Hrs. (IST).
- Tenders will be received in Tender Box kept in Tender Room and should be addressed to:
THE HEAD OF MATERIAL MANAGEMENT,
Heavy Electrical Equipment Plant,
Bharat Heavy Electricals Limited,
HARIDWAR-249403 (Uttarakhand), INDIA.
- EMD & Tender fee are not applicable.
- BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
- Amendments / Corrigendum, if any, will be hosted on above mentioned web sites only.



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- Vendors submitting their bids through e-mail may be advised to have following clear subject line:
 1. EOI/ Tender Enquiry Reference No. _____
 2. Bid opening Date (Techno-commercial) _____

Vendor to submit their bids as attachment (pdf format) with password protection and share the password through mail (tendercell.heep@bhel.in) after 13:45 Hrs. (IST) on the day of bid opening, however, if no password is received up to 16:00 Hrs. (IST) bids will not be opened and will be ignored. Submission of bids through email shall be considered as consent to open the bid without physically witnessing the event.

For any further details, please log on to www.hwr.bhel.com, www.bhel.com & www.eprocurebhel.co.in.



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Annexure-EOI Detail

BHEL invites Expression of Interest (EOI) from eligible and experienced agencies for supply of Tilting Pad Bearings for steam turbine applications of 660 MW & above supercritical thermal power units.

The EOI is being floated for identification and enlistment of capable vendors for future procurement requirements.

Interested bidders must meet the following requirements:

1. Vendor Eligibility Criteria

Bidder must be either:

OEM (Designer & Manufacturer of Tilting Pad Bearings for Steam Turbines of 660 MW or above supercritical sets)

OR

JV / Subsidiary / Licensee of the OEM.

In case bidder is non-OEM, valid authorization from OEM shall be submitted.

2. Experience Requirement

1. Bidder/OEM should have supplied at least two (2) Tilting Pad Bearings to OEMs of Steam Turbines (660 MW & above) within the last 10 years.
2. The supplied Tilting Pad Bearings should have been used in Siemens-design 660/800 MW supercritical steam turbine HP Front Bearing Pedestals.
3. The supplied bearings should preferably be of size:
 - ID: Ø250 mm
 - OD: Ø620 mm
 - Width: 180 mm

3. Satisfactory Operation Requirement

Supplied Tilting Pad Bearing should have been in satisfactory operation installed in Siemens AG design HP Front Bearing Pedestal of 660MW & above thermal power plant. Vendor to submit End-user certificate issued by customer confirming Satisfactory performance for at least 1 year of their supplied Tilted Pad Bearing.

4. Manufacturing Capability

Bidder/OEM should have adequate manufacturing capability for Tilting Pad Bearings including:

- Machining facilities,
- White metal/babbiting facilities,
- Assembly facilities,
- Inspection/testing facilities.

In case any manufacturing/testing activity is outsourced, details of outsourced agencies shall be furnished. Any outsourced testing shall be carried out through NABL-accredited or equivalent recognized laboratories.

5. Documents to be Submitted

Interested bidders shall submit the following documents along with EOI response:

- a) Company profile.



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- b) Documentary proof regarding OEM/JV/Subsidiary/Authorized status.
- c) Details of supplies executed during last 10 years.
- d) Copies of Purchase Orders/Work Orders.
- e) Execution/completion certificates such as Stores Receipt Voucher (SRV)/ End-user certificates.
- f) Documents confirming bearing size and application.
- g) Documents confirming satisfactory operation.
- h) Details of manufacturing and testing facilities.

6. Selection of Supplier/ Manufacturer / Company:

Based on the information provided under this EOI, the prospective Supplier/ Manufacturer / Company shall be technically shortlisted. The short-listed Supplier/ Manufacturer / Company will further be evaluated on the basis of terms and conditions defined in the enquiry. Pre-bid clarification meeting can be held with the short-listed parties regarding deliverables and physical checking of facilities with respect to machining, testing/inspection/ assembly etc. at vendor works.

7. General Notes

- a) BHEL reserves the right to verify the submitted information/documents.
- b) Submission of EOI does not guarantee qualification or placement of order.
- c) Detailed technical specification and qualification requirement shall be furnished during subsequent tendering stage.
- d) BHEL reserves the right to accept or reject any EOI without assigning any reason



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DISCLAIMER

This EOI is not a commitment or contract. BHEL reserve the right to accept or reject any or all responses, to modify the EOI, or to cancel the process entirely without assigning any reason.

All information contained in this EOI provided / clarified are in good interest and faith. The information contained in this Expression of Interest document or subsequently provided to Applicant(s), whether verbally or in documentary or any other form, by or on behalf of BHEL, is provided on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.

The purpose of this EOI is to provide interested parties with information that may be useful for development of experienced vendors for supply of Tilted Pad Bearing. This EOI is not an offer by BHEL to the prospective Applicant(s) or any other person. This EOI is neither intended nor shall it be construed as creating or requiring any ongoing or continuing relationship or commitment with any party or person. This is not an offer or invitation to enter into an agreement of any kind with any party.

Though adequate care has been taken in the preparation of this EOI document, the interested firms shall satisfy itself that the document is complete in all respects. The information is not intended to be exhaustive. Interested Agencies are required to make their own enquiries and assumptions wherever required. Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the EOI document is complete in all respects and firms submitting their interest are satisfied with the EOI Document in all respects.

The issue of this EOI does not imply that BHEL is bound to select and shortlist Applicant(s) for next stage or to enter into any agreement(s) with any Applicant(s). BHEL reserves all right to reject any applications submitted in response to this EOI document at any stage without assigning any reasons thereof. BHEL also reserves the right to withhold or withdraw the process at any stage. Neither BHEL nor its employees and associates will have any liability any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this EOI document or any matter deemed to form part of this EOI document, the information and any other information supplied by or on behalf of BHEL. BHEL accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance/use of any statements/information contained in this EOI by the Applicant. BHEL is not making any representation or warranty, express or implied, as to the accuracy or completeness of any information/statements made in this EOI.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any



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demonstrations or presentations which may be required by BHEL or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Applicant and BHEL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Application, regardless of the conduct or outcome of the EOI.