	<p align="center"> PPX-T DEPARTMENT BHARAT HEAVY ELECTRICALS LIMITED HEEP: HARDWAR-249 403 (Uttarakhand) TEL: +91 1334 28 1889 </p>	<p> EOI REF. NO.: STE-TB/EOI/001 ITEM: Stationary Blade Rings. DATE OF ISSUE OF ENQUIRY: 15.06.2026 ENQUIRY DUE DATE: 06.07.2026 </p>
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EOI REF. NO.: STE-TB/EOI/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 Stationary Blade Rings for Steam Turbine applications of 600 MW & above supercritical thermal power units.

Prospective suppliers may submit their offers for the EOI.

Contact persons:

Mr. Harjesh Verma
Designation: Manager (PPX-T)
Email: harjesh@bhel.in
Phone No: +91 1334-281889
Mobile: +91 9456101609

Mr. Rahul Sharma
Designation: DGM (PPX-T)
Email: rahul.sharma@bhel.in
Phone No: +91 1334-285604

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 Stationary Blade Rings for Steam Turbine applications of 600 MW & above supercritical thermal power units. EOI ref. No.: STE-TB/EOI/001 Due Date – 06.07.2026, submitted by (Name of company)”**.

- This notification shall be published on www.hwr.bhel.com, www.bhel.com & <https://eprocure.gov.in/epublish/app>
- Last date for downloading tender documents shall be 06.07.2026 till 13:30 Hrs. (IST). EOI received up to 13:45 Hrs. (IST) on 06.07.2026 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.
- Vendors submitting their bids through e-mail may be advised to have following clear subject line:



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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 & <https://eprocure.gov.in/epublish/app>



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Annexure-EOI Detail

Expression of Interest (EOI) Stationary Blade Rings

INTRODUCTION

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

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

“Stationary Blade Ring” for Super-Critical Turbine in completely finish machined condition is required by BHEL. The 3D model image of Stationary Blade Ring is depicted in the image below.

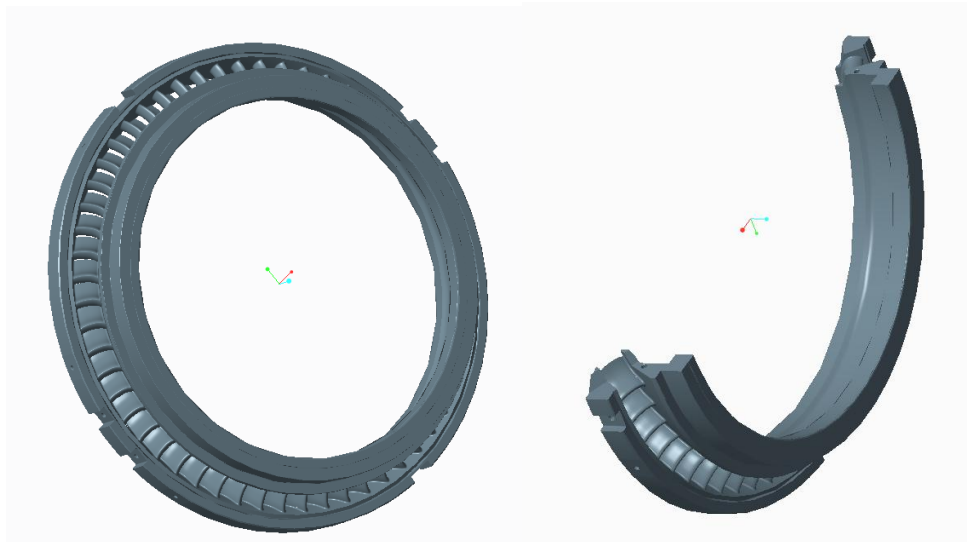


Figure: Stationary Blade Ring Complete and in Half part (Upper Part and Lower Part identical)

A Stationary Blade Ring (SBR) is machined from mono block forged rings in two halves. An SBR is used in the First Stage of HP and IP turbine which is a zone of high temperature. This SBR is subjected to extreme creep fatigue stresses and is manufactured under close tolerances and with special machining operations performed on it.



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For HP SBR	Outer Diameter -1059 mm and above Width – 155 mm and above
Typical Dimensions of SBR	
For IP SBR	Outer Diameter -1380 mm and above Width – 222 mm and above

TECHNICAL REQUIREMENTS

Interested bidders must meet the following Technical Requirements:

- 1 Have experience of manufacturing and supplying at least one machined component similar to Stationary Blade Ring i.e. complete integral ring or ring in two halves of size range:

Outer Diameter -800 mm and above

Width – 120 mm and above

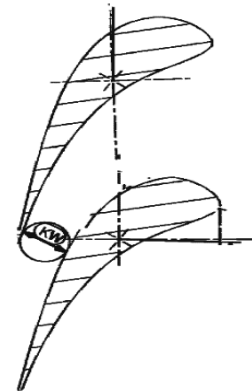
With throat 'KW' (gap) between the blade profiles as shown in range of 15 mm to 30 mm;

The supplied ring preferably should be of material grade

X12CrMoWVNbN10-1-1 (Material 1.4906) (Hardened and Tempered)

or X22CrMoV121 (Material 1.4923) (Hardened and Tempered)

or any similar heat-treated material having integral enclosed twisted blade profile



- 2 Have In-house manufacturing facilities to manufacture Stationary Blade Rings by machining of forged ring.
- 3 Have Inspection facilities (In-house / outsourced) such as 3D-CMM to carry out dimensional inspection of the ring.



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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 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



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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.