

**ODISHA POWER GENERATION CORPORATION LIMITED  
IB THERMAL POWER STATION  
AT/ PO- BANAHARPALI, JHARSUGUDA  
ODISHA  
PIN-768234**



OPGC Invities  
“Expression of interest (EOI)”  
for  
“Rebabbitting of 210 mw(kwu) BHEL TG bearing set of ITPS, OPGC”

## **Odisha Power Generation Corporation Ltd**

(A Government company of the States of Odisha)

**NIT No. ITPS/CC-22/2025-26/05, Date: 28.05.2025**

S/N	Name of the work/Description	Date of receipt & submission /Opening of EOI
2	<b>Expression of Interest (EOI):</b> For Rebabbitting of 210 mw(kwu) BHEL TG bearing set of ITPS, OPGC.	Up to 15:00 Hrs on 17.06.25/15:30 Hrs onwards on 17.06.25

### **Expression of interest (EOI)**

*Expression of interest (EOI) for “Rebabbitting of 210 mw(kwu) BHEL TG bearing set of ITPS, OPGC”*

#### **1. Brief Introduction:**

**Odisha Power Generation Corporation Ltd. (OPGC)** is a Government Company of the State of Odisha. It operates state of the art thermal power plants at Banharpalli, Jharsuguda. It has a total generation capacity of 1740 MW (2x210 MW in first phase and 2x660MW in second phase).

#### **2. Expression of Interest:**

OPGC invites “Expression of Interest (EOI)” from interested parties for “Rebabbitting of 210 mw(kwu) BHEL TG bearing set of ITPS, OPGC. Interested parties may clearly indicate the inputs required from OPGC.

OPGC is looking for interested parties having experience as follows.

1. Party should be the original manufacturer (OEM) of white metal-lined sleeve bearings for last 50 years for electric generators, steam, gas, & hydro turbines as per BHEL drawing & design.
2. The party should be a sub-supplier of BHEL for manufacturing white metal-lined bearings, approved by NTPC and NPC.
3. Party should manufacture white metal-lined bearings & bearing pads up to 800 MW steam, hydro, and gas turbines for BHEL, Alstom, GE Power, and Siemens.
4. The party should be specialized in refurbishing used & worn-out Babbitt-lined bearings and pads by rebabbitting & fine finish machining within tight tolerances.
5. Rebabbitted bearings' performance has to be the same as that of new bearings.

6. Rebabbitted bearings of turbines, generator bearings, and seal rings should lead to vibration-free operation.
7. Party should use high virgin, high purity, lead-free (Pb < 0.05%) white metal, which enhances the working temperature upper range by almost +15 degrees centigrade(it has to sustain up to 115 degree centigrade). which results in a tightly controlled & calibrated process, with minimal thermal stresses & less deformity of the old worn-out shell. So that high-quality performance is achieved with a service warranty of 18 months.
8. Party has rebabbitted worn-out bearings for power plants—NTPC, nuclear power, national hydropower, and state electricity boards.(Credentials for these shall only be considered)
9. The party should be doing rectification-regeneration by fine machining of the spherical/torus piece & support plates.
10. The party should have upgraded technology, precision machines, and a team of skilled and dedicated workers.
11. The party should be an ISO-certified company.

Note: The Bidder must submit Copy of Work Orders/Letter of Award or Intent from the Client, Self-Attested copy of satisfactory completion certificates from the Client as the supporting documents for credentials.

### **3. Required Information**

- 3.1. The prospective agencies are required to submit particulars of the firm with the background of operation & business.
- 3.2. The party submitting the EOI shall be bearing all costs associated with the preparation and submission of the EOI and OPGC will, in no case be responsible or liable for these costs, regardless of the conductor outcome of the assessment/evaluation process.

### **4. Bid Document & Instruction to Bidders:**

The bid complete in all respect must be submitted in sealed envelope super scribed with EOI number, Name of the work. The bid documents are not transferable.

The bidder must submit the following documents:

- i. Signed & Stamped EOI Documents (all pages) as a token of acceptance.
- ii. Photo copies of GST Registration Certificate, IT PAN, Provident Fund and ESI Registration Certificate.
- iii. Filled in and signed formats as specified in Annexure – I & II.
- iv. Credentials and other supporting documents as per requirement

### **5. Submission of EOI:**

Interested parties are required to submit all the documents as per the attached format complete in

all respect through courier, registered post or hand delivered to the following address.

DGM- Contract Cell  
ITPS, Banharpali, OPGC,  
District- Jharsuguda,  
Odisha,  
Pin- 768234

NOTE:

- I. Each page of the documents submitted shall be duly authenticated by the applicant.
- II. The language of submission of applications shall be in English.

For any further clarification/queries the following personnel may be contacted:

- For Commercial queries:  
Sri Manoj Pradhan;  
D.G.M. (Contract Cell)  
E-Mail Id. [manoj.pradhan@opgc.co.in](mailto:manoj.pradhan@opgc.co.in)  
Mob no : +91- 7852904002  
  
Sri. Satya Tarai  
Sr. Manager (Contract Cell)  
E-Mail Id. [Satya.tarai@opgc.co.in](mailto:Satya.tarai@opgc.co.in)  
Mob no: +91- 7682854483
- For Technical queries:  
Sri Santosh Sahoo  
DGM (Mechanical)  
E-Mail Id. [santosh.sahoo@opgc.co.in](mailto:santosh.sahoo@opgc.co.in)  
Mob no :+91- 7682854500

**ANNEXURE-I**  
**Standard Format for Expression of Interest**

Date: \_\_\_\_\_

To,  
GM- Contract Cell  
ITPS, Banharpali,  
OPGC,  
District- Jharsuguda,  
Odisha  
Pin- 768234

Subject: Expression of interest (EOI) for “Rebabbitting of 210 mw(kwu) BHEL TG bearing set of ITPS, OPGC”

Dear Sir,

In response to your public advertisement in [Insert the names of the newspaper and/or website] on [Insert date of the advertisement] inviting EOI for **“Rebabbitting of 210 mw(kwu) BHEL TG bearing set of ITPS, OPGC”**; we hereby submit our EOI.

We have also attached information according to the standard form as per attached Annexures. The information furnished by us in this EOI is true, correct and accurate to the best of our knowledge.

Sincerely yours,

On behalf of the firm/company/organization:

Signature: \_\_\_\_\_

(Person signing the EOI and supporting documents should be an Authorized Signatory supported by necessary Board resolutions)

Name of signatory; Designation; Company Seal/stamp

## **ANNEXURE-II CREDENTIALS**

1. Name and address
  - i. Name of the Firm/Company/Organization:
  - ii. Corporate Address:
  - iii. Registered Address:
  - iv. Telephone No:
  - v. Fax:
  - vi. Email:
2. Contact Person:
  - i. Name:
  - ii. Designation:
  - iii. Telephone No:
  - iv. Email:
3. Company Profile:
  - i. Core area of expertise:
  - ii. Date of Incorporation:
  - iii. CIN No.:
  - iv. GST No.:
  - v. PAN No.:
  - vi. Share holding Pattern:
  - vii. Financial Capability (Including Turnover, Reserve and Surplus etc.)
4. Key Operating parameters for Last three Financial Years:
5. Supporting Documents: [Provide copy of the registration, copy of PAN of the firm; with their latest renewals where applicable, Audited Financials for last three Financial years]
6. Experience/ Details of similar work executed (Along with supporting documents /credential issued by the client company) in Last three FY:
  7. Any other details: