

“EXPRESSION OF INTEREST”

Subject : Complete Repairs of 200MVA ,400/21KV, BHEL make, Single phase, faulty Generator Transformer (Sr. No. 6005000) including its dismantling, to & fro transportation, erection, commissioning and testing at 500MW CSTPS, Chandrapur.

Maharashtra State Power Generation Company Limited (MAHAGENCO) incorporated as public limited company under the company Act-1956 being the state owned Power Generation Company of the Govt, of Maharashtra and its Chandrapur Super Thermal Power Station, Chandrapur invites the Expression Of Interest (EOI) from the interested parties to carry out the work of “ Complete Repairs of 200MVA ,400/21KV, BHEL make, Single phase, faulty Generator Transformer (Sr. No. 6005000) including its dismantling, to & fro transportation, erection, commissioning and testing at 500MW CSTPS, Chandrapur.”

This invitation of Expression Of Interest shall help probable supplier to identify the scope and quantum of work and conduct a pre bid survey of the site and existing Transformer.

1.0 Expression of Interest:

MAHAGENCO invites “Expression of Interest (EOI)” from Principal Manufacturer/ Manufacturer of Power Transformers who have supplied power transformer of 200MVA, 400/21KV, Single phase Generation Transformer and above capacity to major utilities such as MSPGCL/ NTPC/ SEB’s/ Central Power Generation Company/ Public Sector Undertaking/State Govt. companies etc.; (*Please attach last 5 years orders and performance certificate.*) to undertake the work of “ Complete Repairs of 200MVA ,400/21KV, BHEL make, Single phase, faulty Generator Transformer (Sr. No. 6005000) including its dismantling, to & fro transportation, erection, commissioning and testing at 500MW CSTPS, Chandrapur.”

2.0 Purpose of EOI:

Through this EOI, MAHAGENCO intends to shortlist and execute MOU with reputed parties having requisite capability and are willing to undertake the work of “ Complete Repairs of 200MVA ,400/21KV, BHEL make, Single phase, faulty Generator Transformer (Sr. No. 6005000) including its dismantling, to & fro transportation, erection, commissioning and testing at 500MW CSTPS, Chandrapur.”

Interested Parties should attach last 5 years orders and performance certificate. The Interested Parties shortlisted on the basis of their “Expression of Interest (EOI)” will be invited for technical discussion / presentation.

3.0 Role of the Interested Parties/MAHAGENCO

SCOPE OF WORK:

1. Before submitting the offer the bidder must visit CSTPS site to identify the scope and quantum of work & for detailed discussion with concerned engineers to ensure complete work & fullproof solution. **No claims for inadequate description of the scope shall be entertained at a later date.**
2. The Scope of work shall include dismantling, replacement of accessories, erection, commissioning and testing at 500 MW CSTPS, Chandrapur.
3. Loading & Unloading the transformer from the CSTPS Chandrapur site to your works including To & Fro Transportation charges.
4. Repairing of transformer at manufacturer’s works.

5. Draining of Transformer Oil, dismantling of damaged / faulty core & winding, Cleaning of Tank & Radiator by flushing hot oil.
6. Opening of tank cover.
7. Untanking of core and preliminary testing and **joint inspection**.
8. **Stagewise inspection in detail**.
9. **Replacement of damaged items**.
10. Preparation of insulation items.
11. Cleaning of laminations and Replacing if any
12. Processing, oil flooding and soaking.
13. Routing testing.
14. Nitrogen filling in the tank.
15. Loading of repaired transformer on road Trailer & dispatch.
16. All Gaskets, press board items, other instruments i.e. OTI, WTI, PRV, OFI, Bucholz relay and all other fittings and accessories are to be replaced, if required is in the scope of bidder.
17. All routing test as per IS:2026 at reduced level and Dielectric tests at 75% level should be performed. Following tests are to be conducted on repaired transformer.
 - a) Lightning impulse on HV & LV full wave.
 - b) Switching impulse.
 - c) Partial discharge test.
 - d) Pressure test.
 - e) Vacuum test.

SPECIAL TERMS AND CONDITIONS:

1. **Guarantee:** Guarantee for the repaired transformer for a period of **24 months** from the date of commissioning of transformer at CSTPS site.
2. To & Fro Transit Insurance of GTR shall be arranged by MSPGCL, CSTPS, Chandrapur.
3. **Work Completion Period:** The entire work as per Scope of Work and Special Terms & conditions should completed within **09 months** from the date of lifting of the transformer from CSTPS site.
4. During dismantling of the transformer proper/ sufficient care shall be taken so as not to damage top cover, oil conservator etc.
5. Detailed report for the tests carried out, after completion of repairs works shall be submitted in duplicate.
6. The inspection report along with photographs shall be submitted in duplicate, before commencement of the repair works.
7. If at any point of time, due to any reason whatsoever, it becomes necessary to carry out any or all of the tests again, the same shall be carried out by the contractor without any extra charges.
8. All materials supplied by the contractor and incorporated on the work shall confirm to the latest IS specifications including all applicable official amendments and revisions.
9. Any work found defective / unsatisfactory, the contractor has to rectify the same at his own cost, which shall include charges for dismantling, transportation, re-erection also. In case the contractor fails to rectify the defects, within the specified time, as per MSPGCL Engineer's instructions the same will be carried out by MSPGCL at the risk and cost of the contractor and the cost will be deducted from the contractor's bill.
10. The full/repair cost of the components/parts damaged intentionally/ unintentionally by the contractor during repair/rectification works, due to negligence, carelessness, inability etc., would be recovered from the running bills as decided by MSPGCL.

Contact person:

The permission for walk through survey of thermal power station shall be issued on specific request against documentary evidence of fulfilling eligibility criteria. Performance related and commercial data shall be provided on request by Chief Engineer (O&M), CSTPS Chandrapur, Urjanagar, Chandrapur, Dist. Chandrapur - 442 404. Email - cegenchandrapur@mahagenco.in

Any clarification on technical details may please be addressed to following:


Mr. B P Ingle, Executive Engineer (EM-II), Mob No. +91 8554991807

e-mail: eeem2cstps@mahagenco.in

Submission of EOI:

The EOI should be accompanied with the audited and certified financial certificates / statements and experience certificates / evidence establishing firm's eligibility. Interested firms may send the EOI to the office of Chief Engineer (O&M), TPS Chandrapur, Th. Chandrapur, Dist. Chandrapur - 442 404. Email - cegenchandrapur@mahagenco.in.

**Chief Engineer (O &M)
CSTPS, Chandrapur**

	INVITATION FOR EXPRESSION OF INTEREST (EOI)
<p>Name of Work:- Expression of Interest from reputed parties Complete Repairs of 200MVA ,400/21KV, BHEL make, Single phase, faulty Generator Transformer (Sr. No. 6005000) including its dismantling, to & fro transportation, erection, commissioning and testing at 500MW CSTPS, Chandrapur.</p> <p>For more details, please log on to our website www.mahagenco.in. In case of any queries or information is required, the same can be obtained from the office of Chief Engineer (O&M), CSTPS, Chandrapur by addressing issue on email address (cegenchandrapur@mahagenco.in).</p> <p>Address for Correspondence: - The Chief Engineer (O&M), Chandrapur Super Thermal Power Station, Maharashtra State Power Generation Co. Ltd., Urjanagar, Chandrapur – 442 404 Maharashtra. Office phone No. 07172-220155 to 220159</p>	
EOI can be downloaded from 14.09.2018	
Last Date of Submission: 14.10.2018	
Contact Person: Shri. Mr. B P Ingle, Executive Engineer (EM-II), Mobile No.-+91-8554991807	
<i>For further details visit our Website: : https://mahagenco.in → Tenders</i>	