



RRMD, BARC
Trombay
Mumbai - 400 085
Telefax : 022 - 25595311

**Government of India
Bhabha Atomic Research Centre
Research Reactor Maintenance Division
Electrical Maintenance Section**

TENDER NOTICE

Tender No. : RRMD /TR-1/ TN- 01 / 2022

Date: 02- 02-2022

Sub: Tender enquiry for Transformer oil testing with Furan and Dissolved gas Analysis test as per applicable relevant standard.

Sealed tenders are invited for and on behalf of the President of India by the Head, RRMD, BARC, Trombay, Mumbai-400085 from experienced vendors for Transformer oil testing with Furan and Dissolved gas Analysis test as per applicable standard and as per the following terms and conditions.

1. Scope of work: Following jobs are to be carried out.

- 1.1 Collection of oil samples from the transformers (One by One) in sample bottle of vender.
- 1.2 Testing of oil in lab as given below.
 - a) All tests on oil as per IS: 1866-2000
 - b) Furan Test as per IEC: 61198-1993 with interpretation and recommendation on result.
 - c) DGA Test as per IS: 10593-2006 & IS: 9434-1992 with interpretation and recommendation on result.
- 1.3 Submission of comprehensive report of the test results of all transformers

2. Terms and conditions:

- 2.1 Testing lab should be accredited with National Accreditation Board for testing and calibration Laboratories (NABL).
- 2.2 Testing shall be witnessed by representative of EMS, RRMD at laboratory.
- 2.3 Contractor should complete the whole job within Three month from the receipt of work order.
- 2.4 On complete execution of the work to our satisfaction, payment would be released on submission of bills in triplicate along with an advance stamped receipt.

- 2.5 The vendor should also clearly reply in his tender to “whether the contractor / vendor has any relative working in BARC or the contractor himself is an ex-employee of BARC or the contractor has any ex- employee of DAE on his payroll”.
- 2.6 Contractor should mention their PAN No. and GST Reg. No. in the quotation failing which the offer shall be rejected.
- 2.7 Since the job has to be carried out at Dhruva BARC, the employees deputed at site by the contractor should have a valid police verification certificate.

3. Instructions to tenderers:

- 3.1 **Industrial Safety:** Industrial Safety Undertaking will have to be signed after discussion between Contractor/Supervisor of concerned works contract & Safety Officer/Coordinator of Reactor Group. The contractor or executing agency shall adopt adequate safety measures as per the Job Hazard Analysis (JHA) control measures suggested. The personal protective equipment to contract workers, supervisors & engineers shall be supplied by the contractor at his own cost.
- 3.2 **General Requirement:** All workers, supervisors & engineers of the contractor shall wear necessary protective clothing, safety belts with harness, helmets & canvas/safety shoes properly laced & follow the safety requirements strictly, while working at site.
- 3.3 **For working at Heights:** All the persons should be physically, mentally fit & to work in heights, medical fitness certificate should be furnished for all workers. The responsibility of all safety precautions related with a particular job at site primarily lies with the Contractor. The contractor & his persons shall strictly observe all security and safety regulations prevailing at the site. The contractor & his team working at the site shall follow the safety measures as mentioned in "Safety with scaffolding" of GCC & other safety measures at site as per "Construction Safety Manual" available at www.tenderwizard.com/DAE or www.barc.gov.in. All the workers, supervisors & engineers of the contractor shall have proper medical certificates issued by the competent authorities.
- 3.4 Safe industrial practices for entering & working in confined spaces are to be followed by Contractor & his team, wherever applicable.
- 3.5 Safe industrial practices are to be followed for use of portable ladders & step ladders by Contractor & his team, wherever applicable.
- 3.6 All workers should be insured at the cost of the contractor for risk of working at BARC & no claim will be payable by BARC.
- 3.7 Tenderers should submit documents in support of their technical capabilities. Material supplied should be approved by EIC before delivery. Venders who have done similar work in DAE or other govt. organization and having test certificates from ERDA as per relevant IS will only be considered. Work is to be carried out by skilled technician only. Interested parties may contact Shri Rajkumar / Shri. M K Saraswat on phone no. 25594310 / 25596225 from 10 AM to 5 PM to visit the site and to collect the tender notice along with technical specification.
- 3.8 **Price quoted shall be filled up in the same format given in the Schedule-B inclusive of GST and no other charges will be payable.**
- 3.9 Tender shall be submitted in the sealed cover in the vendor’s standard company format quoting our **Tender no.** on the envelope and addressed to ‘Head, RRMD, BARC,

Trombay, Mumbai-400085 and submitted in the RG Office, Dhruva'. The offers should be submitted so as to reach RG Office, Dhruva on or before **22 -02-2022** up to 1500 Hrs. **Tender is to be sent only through registered post or speed post to, AO, RG Office, Dhruva Reactor, BARC, Mumbai 400085. Hand delivery or courier of tenders will not be accepted.**

- 3.10** Tenders shall be opened on the same day at 1530 Hrs or later as per schedule in RRMD office Trombay, Mumbai-85.
- 3.11** The acceptance of the tenders will rest with the Head, RRMD who does not bind himself to accept the lowest offer, and reserves to him the authority to reject any or all the tenders received without assigning any reason.
- 3.12** Quotation received after the due date and time shall be summarily rejected.

Thanking you,

Yours faithfully,

Sd/

(Alex Mathew)

MS-E, EMS

(For and on behalf of the President of
India)

Enclosures: Schedule –A & B

Schedule –A

Tender No.: RRMD /TR-1/ TN- 01/ 2022

Name of Work: Testing of transformer oil in NABL accredited labs per IS-1866, IEC-61198 & IS-10593

Sl. No.	Description	Qty	Unit	Rate
1.	Water	As required	Litre	Free
2.	Electricity	As required	KWH	Free

Schedule – B

Tender No.: RRMD /TR-1/ TN- 01/ 2022

Name of Work: Testing of transformer oil in NABL accredited labs per IS-1866, IEC-61198 & IS-10593

Sr. No.	Name /Description of items	Unit	Qty (a)	Rate (b)	Total Cost (Rs.) =(a x b)
1.	Collection & transport of oil sample from site to lab in sample bottles of vender.	No	14		
2.	All tests as per IS: 1866	No	14		
3.	Furan Test as per IEC: 61198-1993	No	14		
4.	DGA Test as per IS: 10593-2006	No	14		
	GST				
	Total				

Fill up the total in figure and words.

Sign of Contractor