

Government of India
Department of Atomic Energy
Nuclear Fuel Complex
Control Laboratory
Plant Code: 27

NOTICE INVITING TENDER

Tender No. NFC/C.LAB /USED OIL ANALYSIS/NIT/2018-19

Dt: 22.01.2019

To
M/s

Dear Sir

On behalf of the President of India, sealed item rated tenders are invited by SM (C.Lab & SIRD) Nuclear Fuel Complex, Department of Atomic Energy, ECIL Post, Hyderabad-500062 from competent and well experienced Laboratories for the following work on works contract basis with the terms and conditions as given in **Annexure-I**.

- 1) Name of Work: Chemical analysis of non-active used oil (i.e. transformer oil, vacuum pump oil, HP 68 oil, HP 90 oil, muck-waste oil etc.)
- 2) Scope: Chemical analysis of non-active used oil samples and issue of analysis report (Details as given in **Annexure-II**).
- 3) Duration of Contract : Three years from the date of work order (W.O.) or till execution of chemical analysis of 80 numbers of used oil samples whichever is earlier
- 4) Estimated Cost: Rs.4, 40, 000/- (Rs. Four lakhs forty thousand only)
- 5) Earnest Money Deposit: Rs.8800/- (Rs. Eight thousand eight hundred only)
(2% of estimated cost)

EMD in the form of Fixed Deposit Receipt / crossed demand draft drawn in favour of "Pay and Accounts Officer, NFC" payable at Hyderabad shall be submitted. Offers without EMD will be summarily rejected. Name & A/C No. of the Laboratory may be written at the back side of DD submitted towards EMD.

- 6) Issue of tender document: From 23.01.2019 to 01.02.2019 from the office of SM (C.Lab & SIRD), NFC, ECIL Post, Hyderabad-500062
- 7) Last date for receipt of tender: On 08.02.2019 up to 14:00 hours
- 8) Date of opening the sealed tenders: On 08.02.2019 at 14:30 hours
- 9) Cost of tender document : Rs 500/- (Demand draft or banker's cheque payable at Hyderabad drawn in favour of "Pay & Accounts Officer, NFC")

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Quotations are to be submitted strictly in the format enclosed. Tender and EMD shall be placed in two separate envelopes clearly indicating tender No. and each marked as TENDER & EMD respectively. Both the envelopes shall be submitted together in another sealed envelope superscribing Tender No. and description of work along with due date and time of submission on the outer cover.

Your offers shall be deposited in Tender Box kept for the purpose at Control Lab. Office, Nuclear Fuel Complex, ECIL Post, Hyderabad - 500 062 on or before 08.02.2019 up to 14.00 hours.

Tenders will be opened at Works Section, III floor, Aadhar Building, NFC. Late/delayed & tenders not accompanied by EMD shall not be considered.

SM (C.Lab & SIRD)
For & On behalf of the President of India

Note: NFC is committed to a corruption free work environment. "All the purchase and contracts commitments of NFC will be honoured without the citizen having to pay any bribe". "In case any person demands any bribe, it is the duty of a responsible citizen to inform the matter to the Vigilance Officer, NFC, Hyderabad". Telephone No. 040-27122181 & 040-27184314 (Office) and 040-27137012 (Residence). Email: vo@nfc.gov.in

Terms and Conditions of NIT No: NFC/C.LAB/OIL ANALYSIS/NIT/2018-19

1. Offers from Laboratories having requisite analytical facilities will be accepted. Offers from traders or third party will not be considered.
2. The Laboratory should have done/ should be doing similar type of job. The work order / experience certificate for similar type of job carried out shall be produced while obtaining tender form.
3. The Laboratory shall be completely responsible for carrying out the jobs safely.
4. The Laboratory shall deploy manpower to collect samples from NFC North Gate, Address: NFC, ECIL POST, HYDERABAD-500062 during General Shift (08:45 hrs to 16:45 hrs) on working days.
5. Earnest Money Deposit at the rate of 2% of estimated cost put to tender shall be submitted along with tender in the form of Fixed Deposit Receipt / crossed demand draft drawn in favour of "Pay and Accounts Officer, NFC" payable at Hyderabad. Offers without EMD will be summarily rejected.
6. The quoted value shall be **inclusive of GST and any other mandatory duties and levies of the Government. GST No. of NFC 36AAALN1001C1ZW**
7. Performance Guarantee @ 5% of Work Order value shall be submitted before the date of issue of letter of acceptance (LOA) or before the commencement of work in the form of Fixed Deposit Receipt or Demand Draft or Bank Guarantee. (Extension of time for submission of Performance guarantee at the request of Laboratory for maximum period ranging 1 to 15 days shall be charged @ 0.1% per day of performance guarantee amount).
8. In case of non-submission of Performance Guarantee within prescribed/extended time, the Earnest Money Deposit submitted will be forfeited.
9. The Laboratory shall furnish the necessary proof in respect of documents (as mentioned in **Annexure-III**) while collecting the tender form.
10. Income tax and GST as applicable at source shall be deducted from the payments made. **Non-submission of PAN or incorrect PAN No. attracts Income tax @ 20% on the gross bill.** Contractor shall furnish his PAN No. and bank details along with a Xerox copy of the same duly countersigned by him.
11. Payment for the work done by the Laboratory shall be made based on the number of oil samples analyzed by Laboratory which was accepted and measured by the Officer-in-charge, duly approved by the competent authority.
12. The offer should be kept valid for a period of three months from the date of opening of tender.
13. Incomplete and conditional tenders shall be rejected. However unconditional rebates are acceptable.

Signature of Competent Authority of the Laboratory with seal

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14. Laboratory shall quote the rates both in words and figures.
15. In case there is a variation between the rates in figures and words, the rate which corresponds to amount worked out by the Laboratory shall be taken as correct.
16. When the amount of an item is not worked out by the Laboratory, or if it does not correspond with the rates written either in figures or in words, then the rate quoted by the contractor in words shall be taken as correct.
17. When the rate quoted by the Laboratory, in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
18. Competent authority of the Laboratory shall sign each page of the tender document along with the Schedule of quantities & Rates.
19. In case the Laboratory fails to commence the work specified in the tender document within the prescribed time schedule, then the Government shall without prejudice to any other right or remedy be at liberty to forfeit whole EMD absolutely.
20. NFC reserves right to accept or reject any quotation, either completely or partly, without giving any reasons.
21. If on acceptance of the tender, owing to the circumstances if the scope of the work remains altered, reduced or abandoned for any reason NFC shall give a notice in writing to that effect to the contractor who shall act accordingly. **Also, if the workmanship is not satisfactory, the contract shall be cancelled.**
22. Before quoting, the Laboratory may depute its representative to visit NFC for assessment of work with prior permission of SM (C.Lab & SIRD). He may be contacted at 040-27184254 / 040-27184436 (phone no).
23. If the Laboratory fails to execute the work completely, then the Government shall without prejudice to any other right or remedy be at liberty to forfeit whole Performance Bank Guarantee absolutely.

Signature of Competent Authority of the Laboratory with seal

SCOPE OF WORK

1. Chemical analysis of non-active used oil samples like transformer oil, vacuum pump oil, HP 68 oil, HP 90 oil, muck-waste oil etc. with respect to following parameters as given below Table-1 (as per schedule V of hazardous waste disposal).

Table-1: Chemical analysis of non-active used oil		
Sl.No.	Analytes / Parameters	Maximum permissible limits
1	Polychlorinated biphenyls (PCBs)	2 ppm
2	Lead	100 ppm
3	Arsenic	5 ppm
4	Cadmium + Chromium + Nickel	500 ppm
5	Polyaromatic hydrocarbon (PAH)	6 %
6	Sediment	0.25 %
7	Total Halogens	4000 ppm
8	Moisture	1 %
9	Sulphur	4.5 %

2. Sample Collection:

- i. It is the responsibility of Laboratory to collect samples from NFC North Gate, ECIL Post, Hyderabad-500062 with no additional cost.
- ii. The Laboratory shall collect oil samples from NFC, four times per year or twelve times during the contract period as and when required.
- iii. The Laboratory shall collect oil samples from NFC within 3 days from the date of intimation through E-mail.

3. Test Method:

- i. While carrying out chemical analysis of used oil with respect to above parameters, the Laboratory shall adopt standard test methods traceable to national / international standards (IS/ASTM/EPA SW846)
- ii. Test methods adopted by Laboratory for analysis of used oil without suitable traceability will not be accepted. In that case, the offer from the Laboratory will not be considered.
- iii. Test methods adopted by Laboratory for analysis of used oil shall be able to quantify the analytes/parameters at the concentration levels as mentioned in the above table-1. i.e. the limit of quantification (LOQ) of the test methods shall be less than the maximum permissible limit of an analyte as given in the above table-1

4. Laboratory requirement:

- i. The testing Laboratory should have valid NABL (National Accreditation Board for Testing and Calibration Laboratories) Accreditation based on ISO/IEC 17025 and the same shall be produced while collecting tender documents.
- ii. The Laboratory should be an ISO 9001: 2015 certified firm.

5. Analysis Report:

- i. The Laboratory shall submit "analysis report" (hard copy) in favor of NFC, Hyderabad within seven days from the date of receipt of sample from NFC.
- ii. The analysis report shall contain sample details like Sample ID, Plant Name (where sample was collected), date of sample collection, date of analysis etc. along with the analysis result as per the following format. The analysis report must have authorized signatory.

Sl.No.	Parameters	Units	Values / Results	Method adopted
1	Polychlorinated biphenyls (PCBs)			
2	Lead			
3	Arsenic			
4	Cadmium			
5	Chromium			
6	Nickel			
7	Polyaromatic hydrocarbon (PAH)			
8	Sediment			
9	Total Halogens			
10	Moisture			
11	Sulphur			

6. Period of Contract:

The duration of contract is 3 years from the date of work order or till execution of chemical analysis of 80 samples whichever is earlier.

Signature of Competent Authority of the Laboratory with seal

DOCUMENTS TO BE PRODUCED FOR OBTAINING TENDER FORM

1. Company Registration Certificate (Xerox)
2. GST Registration Certificate (Xerox)
3. Pan Card (Xerox)
4. Experience Certificate of similar works (Xerox)
5. NABL Accreditation and ISO Certificate (Xerox)
6. Details of test methods adopted for determination of above analytes/parameters in used oil (Quality Control Instructions)

Signature of Competent Authority of the Laboratory with seal