

OIL INDIA LIMITED
 (A Govt. of India Enterprise)
 P.O. Duliajan-786602, Assam.
Fax No. 91-374-2800533, E-mail:material@oilindia.in

Tender No. & Date : DFD7149L16/04 12.05.2015

Bid Security Amount : INR 0.00 OR USD 0.00
 (or equivalent Amount in any currency)

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : 08.07.2015 at 13:00 hrs. (IST)
 Bid Opening On : 08.07.2015 at 13:00 hrs. (IST)

Performance Guarantee : Not Applicable

OIL INDIA LIMITED have issued Limited tenders to following parties for items detailed below. For General Terms & Conditions, please refer to Document No. MM/GLOBAL/01/2005 available in OIL's web site:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 0C000475	<p><u>RHEOMETER WITH ACCESSORIES</u></p> <p>Technical Specifications:</p> <p>The Rheometer is required for studying non-Newtonian fluid, low viscosity structured fluids and thixotropic materials. The instrument should have digital interface for control, display, record of parameters and real time sensor data along with coloured touch screen display.</p> <p>1. Modes of operation: a. Cone & Plate b.Speed: 1- 250 rpm c.Temperature controll: Integrated temperature control with connection to the bath and AP controller or Thermosel system. d. Complete computer control with suitable software to analyze characteristics of crude oil such as viscosity, yield stress, flow curve etc. e. Viscosity range 10 cP - 600000 cP f: Speed :0.1- 250 RPM g. Accuracy : +/- 1.0% h. Repeatability : +/- 0.2 % i) Sample size : 1-2 ml j) There must be provision (temperature sensor) to measure the temperature of the sample directly. k) Provision to circulate water to control temperature of the sample placed in the sampler. l) Cone Spindle :Appropriate cone spindle should be provided for maximum sample volume of 2 ml and viscosity range of 0.5 to 11000 cP & 0.2 to 600000cP.</p> <p>2. Rheological Software: The system should be offered with user friendly software for Instrument control and data analysis. The software should have the following minimum features: a) Compatibility with the latest Windows Operating System platforms. b) Data export to output formats such as Word, Excel, and PDF</p>	1	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	c) Save graphs in various formats d) Perform rheological experiments and analysis thereof. e) Integrated modelling/curve fitting, inter-rheological conversion etc 3. Water bath for Temperature Control: a) Temperature bath system must have digital displays with high performance circulating bath to give control over the sample measurements. b) Programmable with PC control using the software c) Must have 2- speed pump d) Temperature range: -20 to +170 Deg C e) Temp. stability: 0.04 deg C f) Reservoir capacity : 5-7 lits 4. Accessories: a) Cone Spindle: 1 No.(for sample volume 2 ml and viscosity range 0.5-11000 cP, Size: 41 mm) b) Viscosity Standard : One (01) each of 50, 100, 500, 1000, 5000, 10000 mPa.s (cP) at 25 deg C NOTE: All the items to be supplied by a same party.		
	INSTALLATION & COMMISSIONING		
10	installation & commissioning	1	AU

Special Notes : 1. The items shall be brand new, unused & of prime quality. Bidder shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from date of shipment/despatch or 12 months from date of commissioning of the items at site whichever is earlier. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense. Bidders must confirm the same while quoting.

2. The minimum FOB/FCA charges in case of partial order for reduced quantity/ items shall have to be indicated by the bidder. In case this is not indicated specifically, the charges quoted would be prorata calculated and the same will be binding on the bidder.

3 The bidders should quote for all the items in NIT. Incomplete bids shall be rejected.

4 The Bidder/Supplier should provide documentary proof with printed original literature with respect to the claimed capabilities with in the scope of our specifications, full software capabilities with detailed printed information/screen shots. Offers without supporting documents/technical literature shall be liable for rejection.

5. Installation/Commissioning:

a) Installation and commissioning of the complete unit shall be carried out by the supplier at R&D

Department of OIL in Duliajan, Assam. The unit shall be considered as commissioned after 3 (three) successful operations. The supplier shall depute their competent personnel to Duliajan for this purpose.

b) During installation and commissioning of the unit, the Installation/commissioning Personnel shall have to provide complete demonstration of the instrument to OIL Personnel on operation, general maintenance, troubleshooting of different components of the unit.

c) Installation and commissioning charges must be quoted separately on lump sum basis which shall be considered for evaluation of the offers. Offers without indicating the installation/commissioning charges shall be treated as incomplete and non-responsive.

d) The Bidder/Supplier should provide pre installation requirements along with the offer.

e) The supplier should replace defective parts if found any, during installation or during the warranty period. This replacement should be done within a month's time at supplier's cost.

6. Payment : Payment shall be released as follows :

i) 80 % of the of the order value shall be paid against proof of despatch/shipment of the goods.

ii) Remaining 20 % of the order value along with commissioning charges, shall be paid after successful commissioning and acceptance of the unit by OIL.

iii) OIL may also consider making 100 % payment towards supply of the units against proof of despatch provided bidders agree to pay interest for 20 % of the order value and also submit Bank Guarantee for the amount equivalent to 20 % of the order value.

iv) Payment towards Installation/Commissioning shall be released on successful completion of the Installation/Commissioning programme.

Any offer not complying with the above shall be loaded at one percent above the prevailing Bank Rate (CC rate) of State Bank of India for evaluation purpose.

7. ANNUAL MAINTENANCE CONTRACT (AMC):

a) Non-comprehensive AMC rate for three years, after the warranty period is over, should be quoted with year-wise breakup, which shall be considered for evaluation of the bids.

b) While quoting for AMC, the bidder should take into account two (02) numbers of preventive maintenance visits per year and any breakdown visits. In case of breakdown visit(s), the bidder must come to attend the equipment to make it operational within 15(fifteen) days after receiving the intimation.

c) The bidders must submit a written undertaking that they would be able to provide AMC service at the quoted rates after expiry of warranty.

8. The Bidder/Supplier should provide operation manuals for the Rheometer system.

9. Validity of the offers should be 120 days. (Please refer clause 1.2 of Section 'D' of MM/GLOBAL/01/2005). Bids with lesser validity shall be rejected.

10. Quotation must be submitted in triplicate.

11. The items covered by this tender shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to MM/GLOBAL/01/2005 enclosed.

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Tender issued to following parties only:

Slno	V_Code	Vendor Name	City/Country
1	100362	BROOKFIELD ENGINEERING LABORATORIES	MASACHUSETT
2	100835	TA INSTRUMENTS LTD.	SURREY
3	101811	ANTON PAAR GRAZ	GRAZ
4	403401	THERMO FISHER SCIENTIFIC INDIA PVT.	MUMBAI

NOTICE

Other than the vendors to whom the enquiry has been issued, interested vendors who wish to participate in the tender may apply with proper credentials and other relevant details so as to reach Head-Materials, Oil India Limited, P.O. Duliajan, Dist. Dibrugarh, Assam – 786602 (E-mail : material@oilindia.in , Fax : 0374-2800533) within **10 days** of publication of the tender in OIL's website.

The vendors must fulfill the following conditions:

- i) The party should have three years' experience for the same item.
- ii) The party should have received one order for at least 50% quantity in last three years for the item from any reputed firm.
- iii) Annual turnover of the firm in any of the last three financial years or current financial year should be more than Rs 7.96 lakhs.

NOTE : i) Relevant documents in support of experience, last order and annual turnover must be submitted along with the application.

ii) Application without complete supporting document will not be considered.
