

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 : DFD5878L15/06 06.01.2015

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 : 08.04.2015 at 13:00 hrs. (IST)

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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 0C000172	<p><u>LABORATORY WATER PURIFICATION SYSTEM</u></p> <p>1. SCOPE OF WORK & TECHNICAL SPECIFICATION :</p> <p>The scope of work includes supply, installation/erection, testing & successful commissioning of Purified Lab Water System.</p> <p>2. Technical Specification for Laboratory Water Purification Systems:-</p> <p>The system shall be comprised of two units(stages) of water purification systems for Type I quality water(Ultra Pure water) and type II quality water(Analytical Grade water) system as follows:</p> <p>A. TYPE I System (Ultra Pure water system)</p> <p>a. Ultra Pure Resistivity (M#-cm at 25°C) = 18.2 b. Total Organic Carbon (TOC) (ppb)< 3 ppb c. Bacteria (CFU/ml) # With Bio filter fitted < 0.1 CFU/ml d. pH = Effectively neutral e. Particles # With POU filter fitted 0.2 µm f. Endotoxin (With Bio filter fitted) < 0.001 EU/ml g. RNase (With Bio filter fitted) < 0.002 nanogram/ml h. DNase (With Bio filter fitted) < 20 picogram/ml</p> <p>(i). Purification Cartridge capacity should produce 60,000 to 70,000 Litres (0.05 to 1 M#.cm-1 per single purification pack/µS at pH 7.0) and 40,000 to 45,000 L (18.2 M#.cm-1 per single purification pack/µS at pH 7.0)</p> <p>(ii). The water purification system should have flow rate of 1 to 1.5 L/ min or better.</p> <p>(iii). The type I system should be comprised of a single water purification unit with Dual Wavelength UV and deionization Cartridges.</p> <p>(iv). System should be supplied with biofilter for the removal of Endotoxin (<</p>	1	NO

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	<p>0.001 EU/ml) and DNase (< 20 pg/ml).</p> <p>(v) In order to guarantee the retention of organic breakthrough the water purification system should incorporate two deionization cartridges and resistivity meters in series ensuring optimum purity at all times.</p> <p>(vi). System should have a built-in UV lamp with dual wavelength light emission at 185/254 nm wavelength to destroy bacteria.</p> <p>(vii) To maintain optimum water purity and preventing deterioration during periods of non-use, the water purification system should be able to re-circulate water around internally through the integrated purification technologies.</p> <p>(viii). The water purification system should have a built-in pump for recirculation and dispensing of purified water.</p> <p>(ix) The water purification system should give advanced warning of deionization cartridge exhaustion to ensure on-time reordering of the consumables.</p> <p>(x) The water purification system should automatically stop water delivery if consumables are not in place.</p> <p>(xi) In order to facilitate easy operation, the water purification system should deliver water in containers, without the need for the user to hold a dispenser.</p> <p>(xii). To maintain optimum water purity, system should be able to sanitize using an automated sanitization program.</p> <p>(xiii). The water purification system should have full audio visual alarms or System should have auto diagnostic facility with Error & Alarm.</p> <p>TYPE II SYSTEM:(FOR ANALYTICAL GRADE WATER)</p> <ol style="list-style-type: none"> 1. System should be able to produce minimum 5 to 10 L/hr water or better 2. Upgradation of flow rate up to 15 L/hr should be possible. 3. Nominal maximum Daily output of the system should be 180 L/ 24 hour day at 4 bar(60psi) inlet pressure 4. System should be comprised of pre-treatment, RO module, UV lamp and deionization cartridges. 5. System should deliver water purity of inorganics upto 10 M#-cm at 25°C 6. System should deliver water purity of Total Organic Carbon (TOC) less than 30 ppb. 7. Maximum feed water pressure requirement of the system should be 6 bar (90 psi) 		

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	8. Minimum feed water pressure requirement of the system should be 4 bar (60 psi) 9. System should have consumable change reminder. System should have RS232 interface for Good Laboratory Practice (GLP) compliance 10. At least Three Years Warranty or more must be quoted for RO Cartridges. 11. System should be supplied with 35 - 40 litre Docking vessel with multi level switches from the original manufacturer. 12. Docking vessel should be constructed of inert polyethylene with no static water area, Crevice free interior and self-draining base. 13. Should be supplied with an installation kit, two copies operator's manual, initial set of consumables (sanitization kit, chlorine tablet etc in addition to cartridge). 14. Prefiltration Kit for the removal of iron should be offered.		
	Installation & commisioning		
10	Installation & commisioning	1	AU
	Training		
10	Training	1	AU

Special Notes : 1. Technical support: Bidder shall support the offered system for minimum 6 years (including one year warranty period) after successful commissioning by providing prompt action in any type of technical issues, modification, spares etc.

2. Inspection & test certificates: Vendor shall submit the inspection and test certificates, calibration certificate after commissioning the equipment.

3. Installation and Commissioning of supplied system: Installation and commissioning of the total system is in bidder's scope.

4. Commissioning schedule: After the receipt of the material at OIL site, vendor shall mobilize required manpower / tools / machineries etc. to execute the installation and commissioning jobs at Chemical Laboratory, Oil India Limited, Duliajan, State: Assam. India, PIN: 786602.

5. The Installation & commissioning activities shall be completed within 30 days from the date of intimation by Oil India Limited after receipt of materials at site.

6. Training:

(a) Bidder shall organize onsite training to OIL Employees covering all aspects of operation and maintenance of the instruments after successful commissioning of the equipments.

(b) A manual written in English language covering all aspects of normal operation, maintenance, trouble shooting, do, don'ts etc to be submitted along with the equipment.

SPECIAL NOTE:

1. Bidder must state the address of their nearest service centre along with the offer.
2. The bidder should have either service centre in India or must have factory trained service Engineer with proper certificate in India to provide after sales service/repair of the equipment. List of such service centre(s) or factory trained service Engineer(s) to be provided with the offer.
3. The equipment shall be new with serial number and date of manufacture embossed on it.
4. Bidder should provide all accessories/spares for initial commissioning free of cost along with the main equipment.
5. Bidder is required to submit separately list of consumable spares with unit price for (two) 2 years trouble free operation along with the bid. However, the price of the consumables/spares is not to be clubbed with the main offer. For evaluation of the bid, the consumable prices will not be taken into consideration
7. Bidder must provide all the tools and tackles required for operation and maintenance of the equipment free of cost.
8. Two copies of operating and maintenance manuals both hard copy and one soft copy in the form of CD/DVD complete with schematic and circuit diagrams etc. should be provided along with the equipment. The language of the manuals shall be in English.
9. Minimum indicative requirement: Bidder shall supply all required items and execute all the activities to meet the required functionalities of the equipment.

I. Bid Evaluation Criteria (BEC)

1. For evaluation of bids, the cost of the main equipment, installation & commissioning, training and warranty will be considered.
2. Bidder must indicate the year of launch of the offered models.
3. The bidder must provide a written undertaking that they will be able to provide essential spares necessary to repair the offered items for a minimum period of 6 years (including 1 year warantee period) from the date of successful commissioning without which offer will not be evaluated.
4. Authorized agent or a permanent office of the vendor with service facilities to be mentioned in the offer. Bidders without this will not be considered for evaluation.

II. Bid Rejection Criteria (BRC)

Notwithstanding to the general conformity of the bids to the stipulated specifications and T&C, the following requirements shall have to be particularly met by the bidders without which the offer shall be considered as non-responsive and rejected.

1.0 Bidders Qualification:

- 1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of the offered product.
OR
- 1.2 The bidder shall be an authorized dealer/authorized distributor of an Original Equipment Manufacturer (OEM) of the tender item(s). Valid copies of authorization letter/dealership certificate with proper guarantee/warranty back up on the supplied products from the Original

Equipment Manufacturer (the principal) shall be submitted along with the technical bid.

1.3 Valid authorization certificate from the proposed OEM with warranty /guarantee back up.

2.0 Bidder's Experience:

2.1 In case the bidder is an Original Equipment Manufacturer (OEM): The bidder shall have credential of successful execution of order(s) for manufacturing of the tender item(s) of quantity not less than the tender quantity in last three (3) years preceding to the bid closing date of the tender. In this regard, the bidder shall submit copies of Purchase order along with Invoice/bill of lading/any other documentary evidence from clients which shall confirm successful execution of the order.

2.2 In case the bidder is an Authorized Dealer/distributor of an OEM, the Original Equipment Manufacturer (the principal) shall fulfill the experience criteria as mentioned in para 2.1 above, supported by relevant documentary evidence.

2.3 In case the bidder is an authorized dealer/authorized distributor, the bidder shall have the experience of successful execution of at least 01(one) order for the tender item during the currency of last three (03) years preceding to the bid closing date of the tender. In this regard, the bidder shall submit copies of Purchase order along with Invoice/ bill of lading/any other documentary evidence from clients which shall confirm successful execution of the order.

SPECIAL TERMS & CONDITIONS:

1. The supplier should have agents in India to provide after sales service and maintenance.
2. Catalogue related to the item should be enclosed. The offered specification must be substantiated by the bidder's published technical catalog and/or website
3. Dimensions of equipment, weight and space requirements to be given.
4. Pre-installation requirements should be furnished.
5. 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 despatch/shipment or 12 months from date of receipt/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.
6. Installation & Commissioning :

Installation & Commissioning of the unit shall be carried out by supplier's competent engineer(s) at Duliajan, Assam (India). During Installation & Commissioning, the supplier shall demonstrate / train OIL personnel about the operation and maintenance of the machine. Installation / Commissioning charges, if any must be quoted separately on lumpsum basis which shall be considered for evaluation of the offer.

While quoting Installation/Commissioning & Training charges, bidder should take into account all charges including to and fro fares, boarding/lodging, and other daily expenses of the commissioning personnel. OIL may provide accommodation on chargeable basis subject to availability. Income, Service, Corporate Taxes etc, if any, towards Installation/ Commissioning and training will be to supplier's account and will be deducted at source.

Offers without indicating the Installation / Commissioning & charges shall be loaded with the

maximum Installation / Commissioning charges received against this tender for evaluation purpose.

7. 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.

8. Validity of the offers should be 120 days from the date of bid opening. Bids with lesser validity shall be rejected.

9. Quotation must be submitted in **triplicate**.

10. 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.

11. Check List:

The Bidder has to fill up the Check List for compliance or any deviation in the remarks column.

Sl.No.	Requirement	Compliance (Yes or No)	Remarks
1.	The equipment offered shall meet all the technical specifications given in the NIT		
2.	The equipment offered shall meet the all features indicated in the NIT.		
3.	Compliance for installation and commissioning the equipment at site.		
4.	Tools and tackles, repair kit required for installation and commissioning and onward maintenance.		
5.	List of recommended spares for 2 years trouble free operation quoted separately.		
6.	Two sets hard copy and two sets soft copy(CD/DVD)of operation and maintenance manuals in English.		
8.	Onsite training during commissioning of the equipment.		

9. Compliance to warranty clause.
10. Commitment to repair/replace during warranty period.
11. Commitment to provide service after the warranty period.
12. List of service centers in India.

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Tender issued to following parties only:

Sln0	V_Code	Vendor Name	City/Country
1	103205	VEOLIA WATER SOLUTIONS &	SINGAPORE
2	103206	LABCON SYSTEM LIMITED	
3	200951	MILLIPORE (INDIA) PVT LTD	BANGALORE
4	209417	METROHM INDIA LIMITED	KOLKATA

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 year's 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 16 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.
