

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 : DFD2909L14/07 18.03.2014

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 : 18.06.2014 at 13:00 hrs. (IST)
 Bid Opening On : 18.06.2014 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 0C000172	<p>Item Description:</p> <p>Weather monitoring System is required for weather data acquisition for operational requirement by automatic measurement and recording of various meteorological parameters like temperature (maximum-minimum), wind speed, wind direction, relative humidity, rainfall, barometric pressure etc in Chemical Department, Oil India Limited, Duliajan, Assam.</p> <p>Features & Technical Specification:</p> <ol style="list-style-type: none"> 1. The unit shall be able to operate in harsh tropical environment. 2. The equipment shall be able to measure and record automatically temperature (maximum-minimum), wind speed, wind direction, relative humidity, rainfall, barometric pressure etc. 3. Data logger: Micro-controller based data logger with in-built real time clock and able to log data at specified interval set by Use(every 01 hour or less time interval). 4. Operation: Touch pad and PC control 5. a. Display- LCD/LED display 5. b. The unit shall be capable of displaying real time data e.g. temperature, rainfall, wind speed, wind direction, relative humidity, barometric pressure etc, at every moment of the day. 6. Power: 220-230V/50Hz 7. Battery: provided with built-in Li ion or equivalent rechargeable battery to keep the equipment operational for about 15 hours in the event of power failure 8. Data logger memory: Sufficient memory to store data of all parameters for 	1	NO

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	<p>one year or more.</p> <p>9. USB port and RS232 cable interface for data transfer.</p> <p>10. Sensor Assembly: Sensor assembly consists of the following for measurement of temperature (maximum-minimum), wind speed, wind direction, relative humidity, rainfall, barometric pressure-</p> <ul style="list-style-type: none"> a) Temperature sensor b) Relative humidity sensor c) Wind speed sensor d) Wind direction sensor e) Rainfall sensor f) Barometric pressure sensor <p>The sensors shall be able to measure the parameters as per the specifications bellow.</p> <p>Sensors Specification:</p> <ol style="list-style-type: none"> 1. Temperature <ul style="list-style-type: none"> a) Range : -5 to 50 °C b) Accuracy : ± 0.5 °C c) Resolution : 0.1 °C d) Unit : °C and °F 2. Humidity <ul style="list-style-type: none"> a) Range : 0-100% RH b) Accuracy : ± 4% c) Resolution : 1% d) Unit : RH 3. Wind speed <ul style="list-style-type: none"> a) Range : 0.5-150 kmph b) Accuracy : ± (3-5) kmph c) Resolution : 1 kmph d) Unit : kmph/mph 4. Wind direction <ul style="list-style-type: none"> a) Range : 0-360 deg b) Accuracy : ± 2 deg c) Resolution : 1 deg d) Unit : deg <p>5. Rain fall- as per BIS 4849 : 1992 using Type 1 # 20 mm capacity rain measure suitable for use with precipitation gauges having collectors of 200 cm² area.</p> <p>6. Barometric pressure <ul style="list-style-type: none"> a) Range : 650-800 mmHg b) Accuracy : ± 1.5 mmHg c) Resolution : 0.1 mmHg d) Unit : mmHg/KPa/mbar </p> <p>11. Cables: Shielded cables of adequate length for connecting sensors and the data logger.</p> <p>12.Mast: Mast of suitable length for fixing of sensor.</p>		

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>13. Central data processor unit; Consists of one PC, one printer and a software package.</p> <p>a. PC and printer configuration</p> <p>i. Branded PC from Hp, Lenovo, Dell, Sony, Toshiba etc with min. 320 GB HDD, 4GB RAM, DVD R/W, 17 inch TFT Monitor, Key Board, Optical Mouse etc. , Windows 7 or higher</p> <p>ii. Hp laserjet or equivalent printer compatible with the supplied PC.</p> <p>b. Software package</p> <p>1. software package for operation of the entire system and data acquisition</p> <p>2. compatible with the operating system of the PC to be supplied and to acquire recorded data and tabulate in MS excel, plot daily graphs.</p> <p>3. enable user to view instantaneous values of sensors in graphical format</p> <p>4. shall calculate and record the hourly average of the met-parameters</p> <p>5. shall support networking</p> <p>6. supports data transfer from the equipment to PC</p>		

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 despatch/shipment or 12 months from date of commissioning of the items. 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. Installation & Commissioning :

Installation & Commissioning of the unit shall be carried out by supplier's competent engineer(s) on roof top of Chemical Laboratory or at a suitable place within a 50 mtrs radius of Chemical Department, Oil India Ltd., Duliajan, Assam, India. During Installation & Commissioning, the supplier shall demonstrate / train OIL personnel about the operation, maintenance and troubleshooting of the equipment Installation / Commissioning and Training charges, if any must be quoted separately on lumpsum basis which shall be considered for evaluation of the offer.

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

While quoting Installation/Commissioning and 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.

Moreover, if Income / Service taxes are not categorically mentioned in their offer, then such offers shall be loaded with the applicable rate of taxes for evaluation purpose.

3. **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.

4. Annual Maintenance Contract:

The supplier shall quote for the cost of comprehensive AMC for a period of three years with yearwise breakup as optional expense to be effective after expiry of warranty period. However it will not be considered for Bid evaluation.

5. The bidder shall quote for 2 years spare parts separately which shall not be considered for bid evaluation. However, procurement of these spares shall be at OIL's discretion.

6. The system shall be completed in all respect with all other essential accessories required for smooth, efficient running and immediate commissioning after receipt at Duliajan, Assam.

7. The Supplier shall provide Operation manual and maintenance and troubleshooting manual (hard copy as well as soft copies) along with the supply.

8. Bidders other than OEM (Original Equipment Manufacturer) must submit proper valid authorisation certificate alongwith the warranty back-up from OEM failing which offer shall be rejected.

9. The bidder must indicate the detailed requirements for installation of the system e.g. power supply, space, location etc.

10. Basic instrumentation drawing/ configuration, manuals are to be supplied along with the unit for ready reference.

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

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

13. 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:

S/no	V_Code	Vendor Name	City/Country
1	103084	GILL INSTRUMENTS LIMITED	LYMINGTON,HAMPSHIRE,
2	103085	CCII SYSTEMS (PTY) LTD	RONDEBOSCH
3	103086	CLIMATRONICS CORPORATION	NY
4	103087	RAINWISE INC.	ME
5	205308	ENVIROTECH INSTRUMENTS PVT. LTD.	NEW DELHI
6	211052	ENVIROTECH EAST PVT.LTD.	KOLKATA
7	211053	RAJ INSTRUMENTS	AHMEDABAD
8	211054	SPECTRONIC INSTRUMENTS(I) PVT LTD	MUMBAI
9	211055	ACMAS TECHNOLOGIES(P) LTD,	SONEPAT