



Oil India Limited
(A Govt. of India Enterprise)
P.O. Duliajan – 786602, Assam

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Tender No. & Date: SDG9821P16/07 dt.06.01.2016

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security Amount : INR 2,90,000.00 OR USD 4500.00

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 09.03.2016 (at 11.00 Hrs. IST)

Bid Opening on : 09.03.2016 (at 14.00 Hrs. IST)

Bid Validity : Bid should be valid for 180 days from bid closing date.

Bid Bond Validity : Bid Bond should be valid up to 09.03.2017.
(Bid bond format has been changed. Please submit bid bond as per revised format)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No. / Mat. Code	Material Description	QTY.	UOM
1	Supply and commissioning of Gas Chromatograph with Single Quadrupole Mass spectrometer with Pyrolysis Auto Sampler System as per the following: a) Detailed specification – Annexure - A b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria – Annexure-B. c) Commercial Check list - Annexure-C	01	No.

GENERAL NOTES FOR E- TENDER:

1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.

2.0 Commercial Check list is furnished vide Annexure – C. Please ensure that the check list is properly filled up and uploaded along with Technical bid.

3.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with tender no. and due date to The Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13.00 HRs on Bid Closing Date mentioned in the Tender.

a) **Original Bid Security along with two duplicate copies of Bid Security.**

b) **Details Catalogue and any other document which have been specified to be submitted in original.**

4.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The "Techno-commercial Unpriced Bid" shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab "Notes and Attachments".

Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

5.0 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID" should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFx Response-> User - > Technical Bid. **No price should be given in above Technical Rfx otherwise the offer will be rejected.** Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFx Response-> User - > Technical Bid only. The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under "Notes & Attachments"

6.0 PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.

7.0 All the Bids must be Digitally Signed using "Class 3" digital certificate (*e-commerce application*) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3" digital certificate, will be liable for rejection.

8.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.

9.0 The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. **If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.**

OIL's Independent External Monitor at present is as under:

**1. SHRI RAJIV MATHUR, IPS(Retd.),
e-Mail ID :rajivmathur23@gmail.com**

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Special Notes:

1. The original equipment manufacturer (OEM) should confirm in writing that the spares for the quoted model will be available for a period of ten years after installation of the instrument.

In case the OEM is bidding through an Indian agent, the OEM should give a written undertaking that they will be responsible for providing the warranty and annual maintenance as per the clauses mentioned, even if there is a change in the Indian agency of the manufacturer. The undertaking from OEM should also include that, if in future, OEM does not have any Indian agency, the service will be provided directly by the service engineer of the OEM without any extra charge.

2. Printed documents in support of claimed specification should be provided.

3. System should be upgradeable at site for future applications.

4. Spares required for two years of operation should be quoted by the bidder however the same will not be considered for bid evaluation.

5. **Manuals:** One set of operating manual and service manual (in English) should be provided with the instrument

6. Installation and Commissioning:

(i) The equipment should be installed and commissioned by the successful bidder at Oil India Ltd. Duliajan, Assam, India. The software vendor's personnel must demonstrate the performance of the systems during installation of the software and step –by- step operational guidance /training should be provided to the users right after the successful commissioning of the equipment.

(ii) Installation and Commissioning charges, if any, must be quoted separately on lump sum basis which shall be considered for evaluation of the offer. Offers without indicating the Installation/Commissioning shall be treated as incomplete and non-responsive. Bidders shall confirm about the installation, commissioning while quoting. Any, pre-installation requirements are to be clearly indicated in the offer.

(iii) While quoting installation and commissioning 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 will be to supplier's account and will be deducted at source.

(iv) Offers without indicating the Installation/Commissioning charges shall be loaded with the maximum installation/commissioning charges received against this tender for evaluation purpose.

(v) 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.

7. Warranty:

The complete instrument should be under warranty for a period of 01 (one) year from the date of installation. In case of breakdown during the warranty period, a competent service engineer of the supplier should make as many visits as are necessary to rectify the instrument. The supplier should provide any spares required for making the instrument operational.

8. Annual Maintenance Contract:

After completion of Warranty period, OIL may enter into a Non –Comprehensive Annual Maintenance Contract (AMC) with the supplier /vendor for 04(four) years. The bidder shall quote for onsite non- comprehensive AMC for **04(four)** years with year- wise break up , which will be considered for bid evaluation. During the maintenance contract period, the service engineer of the supplier should make two visits for preventive maintenance of the instrument and one visit, if necessary, for breakdown maintenance of the instrument. Spares required, if any, during the maintenance contract period will be provided by OIL

9. Training:

Two scientific staff of OIL should be trained in the operation of the software and the instrument and routine maintenance of the instruments at site for 3 working days after the installation is over.

10. Payment: Payment shall be released as follows

- i) 80% of the order value shall be paid against proof of dispatch/shipment of the goods.
- ii) Remaining 20% of the order value along with installation and commissioning charges (if any) shall be paid after successful installation and commissioning and acceptance of the unit by OIL.
- iii) OIL may also consider making 100 % payment towards supply of the units against proof of dispatch provided bidders agree to pay interest @ 1% above the prevailing Bank Rate (CC Rate) of State Bank of India for 20% of the order value and also submit Bank Guarantee for the amount equivalent to 20% of the order value plus interest valid till successful commissioning at site.
- iv) Payment towards Installation/Commissioning/Training (if any) shall be released on successful completion of the Installation/Commissioning/Training.
- v) Payment against AMC charges shall be made on quarterly basis against the invoice(s) to be submitted by the bidder at the end of each quarter.

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.

11. To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

12. The items covered under this enquiry shall be entitled for Customs/ Central Excise duty exemption in terms of Govt. notification No. 24/2007(Sl.No.2) Customs dated 01/03/2007 and Central Excise duty Exemption in terms of Govt. notification No. 16/2007-(Sr. No. 2) Central Excise dated :01.03.2007 as amended from time to time.

13. Other terms and conditions of the tender shall be as per “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

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SPECIFICATION OF THE ITEM

Gas Chromatograph Mass Spectrometer with the following Specifications:

Gas Chromatograph with Single Quadrupole Mass spectrometer with Pyrolysis Auto Sampler System is required for detailed analysis of crude oil and its components, particularly the biomarkers present in trace quantities. The instrument should meet the following specifications.

The gas chromatography and mass spectrometer should be equipped to use hydrogen as carrier gas.

Gas Chromatograph:

The Gas Chromatograph should be a dual channel system with a provision to install two injectors and two detectors. It should be possible to control the system completely through a data station consisting of a computer and GC software.

The instrument should work under following ambient conditions:

Operating temperature 15 to 40°C

Relative Humidity 50 - 95%

The instrument should operate on a power supply of 230V/50Hz

Column Oven:

Temperature range: Ambient + 5°C to 450°C with sub-ambient temperature down to - 80°C using LN2 or -40°C using liquid CO2.

Ramp rate: 1 to 120°C/min in steps of 1°C/min with provision for at least 20 oven ramps and 21 plateaus.

Cool down time: 350°C to 50°C in less than 5 minutes.

Column oven should be equipped to use hydrogen as carrier gas.

Split/Splitless Injector 1 no:

Temperature range: Up to 400°C in 1°C increments.

The injector should ensure no discrimination between lighter and heavier components. The injector should be suitable for columns of 50 micron to 530 micron diameter. It should be possible to use Hydrogen, Helium or Nitrogen as carrier gas. Electronic control of flow and pressure of carrier gas should be provided. The electronic flow controller should be capable of handling pressure up to 1000 KPa (145 psi) and flow rates up to 500 ml/min. It should be possible to operate the injector in constant flow, constant pressure, programmable flow and programmable pressure mode. In programmable flow mode, it should be possible to adjust pressure in steps of 1 KPa and the flow in steps of 0.1 ml/min. It should be possible to adjust the split ratio from 1:1 to 1:5000. It should be possible to operate the injector in gas saver mode. Septum purge with flow rate up to 10 ml/min should also be available.

Programmable Temperature Vapourizer 1 no:

Temperature range: Up to 400°C in 1°C increments

It should be possible to program the injector in up to 3 ramps and 4 plateaus.

It should be possible to adjust heating rate upto 800°C/min.

It should be possible to attain sub ambient temperature down to -50°C with liquid nitrogen cooling. The injector should ensure no discrimination between lighter and heavier components. The injector should be suitable for columns of 50 micron to 530 micron diameter. It should be possible to use Hydrogen, Helium or Nitrogen as carrier gas. Electronic control of flow and pressure of carrier gas should be provided. The electronic flow controller should be capable of handling pressure up to 680 KPa (100 psi) and flow rates up to 500 ml/min. It should be possible to operate the injector in constant flow, constant pressure, programmable flow and programmable pressure mode. In programmable flow mode, it should be possible to adjust pressure in steps of 1 KPa and in programmable flow mode it should be possible to adjust the flow in steps of 0.1 ml/min. It should be possible to adjust the split flow from 1:1 to 1:1000. It should be possible to operate the injector in gas saver mode. Septum purge with flow rate up to 10 ml/min should also be available.

Mass Spectrometer:

Single stage quadrupole mass spectrometer with following specifications

Mass resolution less than or equal 0.7 Da at full width half maximum

Mass range 10-1000 amu

Scan rate up to 5000 amu/sec

Collision gas pressure should be programmable through software

Turbo molecular pump should have a capacity more than or equal to 250 litres/sec

Should have Electron Ionization (EI), Chemical Ionization (CI) (both positive and negative)

Electron energy should be adjustable between 10 and 140 eV

Emission current should be adjustable between 0 and 350 micro amperes

Source temperature should be adjustable between 150 to 350°C

GC Interface temperature should be adjustable up to 350°C

Vacuum interlock facility should be available so that it is possible to change ion volumes or switch from EI to CI without shutting down the instrument. Both manual and auto tune facility should be available. Detection system should be high energy dynode electron multiplier with a linear range $> 10^{-6}$. Mass spectrometer should be equipped to use hydrogen as carrier gas

Pyrolyser:

CDS 5250 Pyrolysis Auto sampler with Pyroprobe or equivalent with following specification

It should have both pulse pyrolysis and programmed pyrolysis mode. It should be possible to program the filament temperature in 1°C increment up to 1300°C.

In pulsed mode, heating rate of 10 to 20,000°C/second should be possible.

In programmed pyrolysis mode, it should have at least 8 programmable steps with heating rate from 0.01°C/sec to 999.9°C/sec and 0.01°C/min to 999.9°C/min. It should be possible to make a GC run after each temperature program.

It should be possible to set the temperature of the interface between pyrolyser and GC to a maximum of 350°C at 1°C intervals. It should be possible to program the interface at the heating rates of 1°C/min to 100°C/min. There should be heated transfer line through injection port of the GC and the temperature of the transfer line should be settable in 1°C increments to 350°C.

The pyrolyser should be equipped with an auto sampler. The auto sampler should have a capacity of up to 36 samples. It should be possible to run the system automatically, unattended after loading the auto sampler.

It should be possible to take sample from 10 mg to 50 mg. The sample holder should be quartz tube.

It should be possible to cryo focus the pyrolysed products prior to entering the GC using Liquid N2 or CO2

The pyrolyser should be controllable through a computer. The software for controlling the pyrolyser and the auto sampler should also be included.

Data System:

Software:

Pyrolyser software: The software should control all functions of the pyrolyser including temperature programming of the pyro-probe, interface and transfer line. It should also control the auto sampler of the pyrolyser. Licenses for software for both the pyrolysers should be provided

GC software: It should be possible to build the methods to control all the functions of the gas chromatograph including auto sampler through the computer.

Mass Spectrometer software: The data system should control all instrument parameters. It should have auto tune, auto mass calibration and instrument diagnostics. It should be possible to simultaneously process the previously collected data while data acquisition of another sample is going on. The data processing should include all data processing functions like baseline correction, change in integration parameters, peak addition and deletion etc. It should have automated optimization of all instrument parameters including gas pressures and collision energy.

Wiley Library

Wiley Library software with search facility should be included.

Hardware:

Desktop PC's Technical Specification:

It should be a dual monitor Computer.

Make: IBM / HP or Compaq / DELL / HCL / Wipro / Acer or equivalent

Sl.No. Items Detailed Specification

1 Model Vendor should mention the model

2 Processor Intel® Core i5, 3.2 GHz, 4MB Cache, 2.5 GT/s DMI,
2 cores (Minimum)

3 Chipset Intel® Q57 Express chipset

4 Motherboard Intel® DQ57TM or OEM motherboard

5 Memory 4-GB (2 X 2GB) DDR3 SDRAM 1333-MHz expandable upto 8GB RAM
with atleast four DIMM slots

6 Hard Disk 320 GB SATA 3Gbps HDD, 7200rpm NCQ. Integrated Drive &
dual port SATA-II controller.

7 Optical 16X DVD +/-RW with Dual Layer Write Drive Capabilities (Preferably same make & colour as CPU box).Complete with driver software on CD media, standard accessories and cables

8 Ethernet Integrated 10/100/1000 Mbps Ethernet Controller and IPV6 complaint

9 Expansion a. One PCI Express* 2.0 Slots b. One PCI Express 2.0

10 Audio & Sound Integrated HD audio controller with 1 set of external stereo speaker with minimum 2 watts output

E- Tender No. SDG9821P16/07

- 11 I/O Interface Front I/O Ports: 2 x USB 2.0 ports Headphone and Microphone Jacks
Rear I/O Ports:
1 x VGA (D-sub) video port
4 x USB 2.0 ports
1 x Fast Serial Port
1 x Gigabit Ethernet (RJ-45) port
Headphone and Microphone Jacks
- 12 System Chassis Slim chassis with enough cooling fans, one free internal peripheral bay and Suitable power supply with volume 8-14 liters
- 13 Monitor OEM 19.5" diagonal Viewable Image size: 19 inches diagonal Flat Panel LCD Monitor (1280 x 1024 Resolution) with standard accessories and cables (Preferably same make & color as CPU box) & TCO05 certified
- 14 Keyboard 104 Keys OEM keyboard with new Indian Rupee logo (Preferably same make & color as CPU box)
- 15 Mouse OEM USB optical scroll mouse with mouse pad (Preferably same make & color as CPU box)
- 16 Power 240-watts power supply with surge. Supply protection and 89% efficiency, Energy Star 5.0 compliant
- 17 OS Preloaded Genuine Microsoft ® Windows 7 Professional or Windows XP with recovery CD and latest service pack in DVD/CD media & documentation
- 18 OS Support a. Windows 7 professional
Certification b. Energy Star 5.0 certified with 89% efficient power supply
- 19 Power System with Power management features & Desktop
Management Management Interface implementation & DMI
- 20 Others a. Power Cables
b. All system drivers, monitor drivers & operating system on DVD/CD media
c. Power Extension spike guard with 4nos. of 5 Amps output - Make: Rider /Anchor /Crabtree
d. Patch cord - Make: AMP / AVAYA and 3m length

Colour laserjet printer with following specifications:

1. Make: HP/EPSON
2. Print Speed: 8 ppm, color and black
3. Media Size: Legal, letter, executive, A4, A5, A6 Etc.
4. Media Type: Paper, envelopes, transparencies, labels
5. Resolution: 600 X 600 dpi (minimum)
6. Memory: 64 MB RAM
7. Duty Cycle: 35,000 pages/month minimum
8. Connectivity: USB port with Cable
9. Print Driver: Win XP on CD Media
10. Others: Power Cable and Original Cartridge

Performance Specifications:

Electron Ionization:

1 micro litre of a 25 fg/microliter standard of octafluoronaphthalene (OFN) in iso-octane should produce S/N ratio of > 10:1 for m/z 272 when operated in selected ion monitoring mode (SIM)

Positive Chemical Ionization:

Splitless injection of 1 microlitre of a 25 fg/microlitre standard of benzophenone in isooctane should produce S/N ratio of > 10:1 for m/z 183 when operated in selected ion monitoring mode (SIM) with methane as reagent gas.

Negative Chemical Ionization:

Splitless injection of 1 microlitre of a 25 fg/microlitre standard of OFN in iso-octane should produce a S/N ratio of > 200:1 for m/z 272 when operated in selected ion monitoring mode (SIM) with methane as reagent gas.

Installation Kit:

Consisting of at least the following

Ferrules (for 0.25 mm column) 10 nos

Ferrules (for 0.18 mm column) 10 nos

Column nuts 4 nos each for injector and detector, Copper tubing, 1/8 inch diameter, 50 ft length

1/8 inch Tee Brass Joints 10 nos

1/8 inch Brass Unions 10 nos

Tool Set 1 no

Columns:

HP-1MS 60m, 0.25mm, 0.25um or equivalent 1 No

HP-1MS 30m, 0.25mm, 0.25um or equivalent 1 No

HP-5MS 30m, 0.25mm, 0.25um or equivalent 1 No

HP-5MS 60m, 0.25mm, 0.25um or equivalent 1 No

The column should be specific for petroleum analyses.

Syringes:

Autosampler syringes

5 #l syringe for auto-sampler 10 nos

10 #l syringe for auto-sampler 10 nos

Gas Cylinders:

5 nos High Pressure seamless steel Helium cylinder as per IS: 7285-1988 with bull nose valve as per IS: 3324-1979 (water capacity 46.7litres/gas capacity 7 cum, filled with Helium gas of purity 99.999%)

5 nos High Pressure seamless steel Nitrogen cylinder as per IS: 7285-1988 with bull nose valve as per IS: 3324-1979 (water capacity 46.7litres/gas capacity 7 cum, filled with Nitrogen gas of purity 99.999%)

Cylinder certificate from CCE, Nagpur should be provided for all the cylinders. Gas purity certificate should be provided for all the gases.

Gas Regulators:

Two stage gas regulator for Helium gas 2 Nos

Two stage gas regulator for Nitrogen gas 2 Nos

Generators:

Hydrogen Generator with following specifications - 1 no
Hydrogen Purity greater than or equal to 99.99999%
Hydrogen flow rate greater than or equal to 300 ml/min
Pressure - 0-6 bar (adjustable)
Should work on a power supply of 230V/50Hz
Should work under following ambient conditions
Operating temperature 5 - 40°C
Relative Humidity 50 - 95%

The principle of operation should be electrolysis of de-ionized water. No deionizer bags should be required. Capacity of water reservoir should be at least 5 litres. Generated hydrogen should be dried prior to supply.

Safety features:

Detection of internal and external leak and alarm in case of leak
Hydrogen overpressure alarm
Low water alarm
Poor water quality alarm
Flow rate of hydrogen should be displayed

UPS System:

One 20KVA online UPS with three-phase input, one-phase output, input and output power factor 0.9 to 1.0, it should be generator compatible, surge protected with 2 hours back up time. Input voltage range 380-415V with output 230V. Required earthing type and tolerable earth to neutral voltage for the equipment must be mentioned clearly.

General:

The original equipment manufacturer (OEM) should confirm in writing that the spares for the quoted model will be available for a period of ten years after installation of the instrument.

In case the OEM is bidding through an Indian agent, the OEM should give a written undertaking that they will be responsible for providing the warranty and annual maintenance as per the clauses above, even if there is a change in the Indian agency of the manufacturer. The undertaking from OEM should also include that, if in future, OEM does not have any Indian agency, the service will be provided directly by the service engineer of the OEM without any extra charge.

Printed documents in support of claimed specification should be provided.

System should be upgradeable at site for future applications.

Spares required for two years of operation should be included for the above system and the same will not be considered for bid evaluation

ANNEXURE- B

BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC)

(I) BID REJECTION CRITERIA:

1.0 Bid Rejection Criteria.

The bid must conform to the specifications, terms and conditions given in the tender. Bid shall be rejected in case the equipment/components thereof along with their peripherals, accessories and user interface software application offered do not conform to the required minimum/maximum parameters stipulated in the technical specifications and to the respective international/national standards where ever stipulated/applicable. Notwithstanding with the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.

(A) COMMERCIAL:

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/E-01/2005) with following Special Bid Rejection Criteria.

- 1) Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. Unpriced)bid.** The "Unpriced Bid" shall contain all techno-commercial details except the prices, which shall be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions. Bidder not complying with above submission procedure will be rejected.

- 2.0 **Bid security of US \$ 4,500.00 or INR 2,90,000.00** shall be furnished as a part of the TECHNICAL BID(refer Clause Nos.9.0 & 12.0 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)).**Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration.** A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

- 2.1 For exemption for submission of Bid Security, please refer Clause No. 9.8 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).

- 2.2 The Bank Guarantee towards Bid Security shall be valid upto **09.03.2017**.

- 3) Validity of the bid shall be minimum 180 days from the date of Bid Closing Date. Bids with lesser

validity will be straightway rejected.

- 4) Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of 12(twelve) months from the date of successful commissioning against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.
- 5) Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for 12(twelve) months from the date of successful commissioning. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected
- 6) Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below :

(i) **Price Bid Format (SUMMARY) for Foreign Bidders :**

- (A) Total Material Value :
- (B) Packing & FOB Charges :
- (C) Total FOB Port of Shipment value, (A + B) above :
- (D) Overseas Freight Charges upto Kolkata, India :
- (E) Insurance Charges :
- (F) Total CIF Kolkata value, (C + D + E) :
- (G) Installation/Commissioning Charges including Service Tax (if any) :
- (H) Total Value, (F + G) :
- (I) AMC Charges for 04(four) years including Service Tax after warranty :
- (J) Grand Value including above (H + I) :
- (K) Grand Value in words :
- (L) Gross Weight :
- (M) Gross Volume :

(ii) **Price Bid Format (SUMMARY) for Indigenous Bidders:**

- (A) Total Material Value :
- (B) Packing and Forwarding Charges:
- (C) Total Ex-works value, (A + B) above :
- (D) Sales Tax, (Please indicate applicable rate of Tax)
- (E) Total FOR Despatching Station price, (C + D) above
- (F) Road Transportation charges to Duliajan
- (G) Insurance Charges
- (H) Assam Entry Tax
- (I) Total FOR Duliajan value, (E + F + G + H) above
- (J) Installation/Commissioning Charges including Service Tax (if any) :
- (K) Total value, (I+J) above :
- (L) AMC Charges for 04(four) years including Service Tax after warranty :
- (M) Grand Value including (K + L) above :
- (N) Grand Value in words :
- (O) Gross Weight :
- (P) Gross Volume :

NOTE:

(i) Cost of individual items must be quoted separately.

- 7) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- 8) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.
- 9) Bids containing incorrect statement will be rejected.
- 10) Offers should be submitted with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

(II) BID EVALUATION CRITERIA (BEC) :

Bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:

(A) COMMERCIAL

- 1) The evaluation of bids will be done as per the Commercial Bid Format(summary) detailed vide para (6) of BRC (Commercial).
- 2) If there is any discrepancy between the unit price and total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 3) For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.
- 4) To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections/adjustments given herein.

4.1) When only foreign bidders are involved:

Comparison of bids will be done on the basis of “Grand Total Value” which is estimated as under:

- (A) Total Material Cost:
- (B) Packing & FOB Charges :
- (C) Total FOB Port of Shipment value, (A+B) above :
- (D) Overseas Freight Charges upto Kolkata, India :
- (E) Insurance Charges @1% of Total FOB Port of Shipment value vide (C) above
- (F) Banking Charges @ 0.5% of Total FOB Value (C) above in case of payment through Letter of Credit (If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value will be loaded)
- (G) Total CIF Kolkata value, (C+D+E+F) :

- (H) Installation/Commissioning Charges including Service Tax, if any :
- (I) Total Value,(G+H) :
- (J) AMC Charges for 04(four) years including Service Tax after warranty :
- (K) Grand Total Value including above (I +J) :

NOTE: Banking charges in the country of the foreign bidder shall be borne by the bidder.

**4.2) When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response:
Comparison of bids will be done on the basis of "Grand Total Value" which is estimated as under:**

- (A) Total Material Cost,
- (B) Packing and Forwarding Charges:
- (C) Total Ex-works value, (A+B) above :
- (D) Excise Duty :
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station price, (C+D+E) above
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges @0.5% of Total FOR Despatching Station Value (F) above
- (I) Assam Entry Tax
- (J) Total FOR Duliajan value, (F+G+H+I) above
- (K) Installation/Commissioning Charges including Service Tax, if any :
- (L) Total value, (J+K) above :
- (M) AMC Charges for 04(four) years including Service Tax after warranty :
- (N) Grand Total Value including (L + M) above :

NOTE: Excise Duty in case of the indigenous bidder is EXEMPTED

4.3) When both foreign and domestic bidders are involved:

The Grand Total Value of domestic bidder (inclusive of customs duty on imported raw material and components etc, and applicable terminal excise duty on the finished products and Sales Tax) excluding inland transportation to destination, Assam Entry Tax and Insurance charges worked out as per Para 4.2 above and Grand Total Value of the foreign bidder worked out as per Para 4.1 will be compared. No price preference will be allowed to indigenous bidders except that for capital goods, the domestic manufacturers would be accorded a price preference to offset CST to the extent of 4 % or actuals, which ever is less subject to 30 % local content norms as stipulated for World Bank Funded project to the satisfaction of OIL. When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Grand Total Value basis.

Note: If the Government of India revises these evaluation criteria the same as applicable on the bid closing date will be adopted for evaluation of the offers.

- 5) Other terms and conditions of the enquiry shall be as per General Terms and Conditions for Global Tender. However, if any of the Clauses of the Bid Rejection Criteria/Bid Evaluation Criteria (BEC/BRC) mentioned here contradict the clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in this BEC/BRC shall prevail.

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Annexure-C

CHECK LIST

(A) COMMERCIAL CHECK-LIST

Sl. No.	PARAMETERS/REQUIREMENTS	BIDDER RESPONSE	REMARKS IF ANY
1.	Whether Original Signed quotation submitted?	YES/NO	
2.	Whether quoted as manufacturer?	YES/NO	
3.	Whether quoted as authorized dealer? [To Specify]	YES/NO	
4.	If quoted as authorized dealer,		
5.	(a) Whether submitted valid and proper authorization letter from manufacturer IN ORIGINAL confirming that bidder is their authorized dealer for the product offered?	YES/NO	
6.	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	YES/NO	
7.	Whether bid submitted under single stage Two-Bid System?	YES/NO	
8.	Whether ORIGINAL Bid Bond (not copy of Bid Bond) enclosed with the offer? If YES, provide details	YES/NO	
	(a) Amount :		
	(b) Name of issuing Bank :		
	(c) Validity of Bid Bond :		
9.	Whether offered firm prices?	YES/NO	
10.	Whether quoted offer validity of 180 days from the date of closing of tender?	YES/NO	
11.	Whether quoted a firm delivery period?	YES/NO	
12.	Whether quoted as per NIT (without any deviations)?	YES/NO	
13.	Whether any deviation is there in the offer?	YES/NO	
14.	Whether deviation separately highlighted?	YES/NO	
15.	Whether agreed to the NIT Warranty clause?	YES/NO	
16.	Whether Price Bid submitted as per Price Schedule?	YES/NO	
17.	Whether indicated the country of origin for the items quoted?	YES/NO	
18.	Whether all the items of tender quoted?	YES/NO	
19.	Whether technical literature/catalogue/drawings enclosed?	YES/NO	
20.	For Foreign Bidders - Whether offered FOB/FCA port of dispatch including sea/air worthy packing & forwarding?	YES/NO	
21.	For Foreign Bidders – Whether port of shipment indicated? [To specify]	YES/NO	
22.	For Foreign Bidders only - Whether indicated ocean freight up to C&F Kolkata port (Excluding marine insurance)?	YES/NO	
23.	Whether Indian Agent applicable?	YES/NO	
	If YES, whether following details of Indian Agent provided?		
	(a) Name & address of the agent in India – To indicate		
	(b) Amount of agency commission – To indicate		
	(c) Whether agency commission included in quoted material value?	YES/NO	
24.	Whether weight & volume of items offered indicated?	YES/NO	
25.	Whether confirmed to submit PBG as asked for in NIT?	YES/NO	
26.	Whether agreed to submit PBG within 30 days of placement of order?	YES/NO	
27.	For Indian bidders – Whether place of dispatch indicated in the offer? [To specify]	YES/NO	
28.	For Indian bidders – Whether road transportation charges up to Duliajan quoted?	YES/NO	
29.	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	YES/NO	
30.	For Indian Bidders only - Whether offered Deemed Export prices?	YES/NO	
31.	Whether quoted prices are exclusive of Excise duty?	YES/NO	
32.	For Indian bidders only – whether import content indicated in the offer?	YES/NO	

33.	For Indian Bidders only - whether all Taxes have been indicated categorically?	YES/NO
34.	Whether all BRC/BEC clauses accepted?	YES/NO
35.	Whether confirm to accept all clauses of Integrity Pact?	YES/NO
36.	Whether duly signed Integrity Pact enclosed?	YES/NO

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