

OIL INDIA LIMITED
(A Govt. of India Enterprise)
P.O. Udayanvihar ,Narangi ,Guwahati ,Assam

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Tender No. & Date : **SGG8701P16 dated 28.9.2015**

Tender Fee : INR 6000.00 OR USD 100.00

Bid Security Amount : Applicable

Bidding Type : **SINGLE STAGE TWO BID SYSTEM**

Bid Closing on : 9.12.2015 (at 11.00 Hrs. IST)

Bid Opening on : 9.12.2015 (at 14.00 Hrs. IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

| Item No./Mat. Code | Material Description | QTY. | UOM |
|---------------------------|---|-------------|------------|
| <u>10</u> | SUPPLY & INSTALLATION OF TWO DIMENSIONAL GAS CHROMATOGRAPH MASS SECTROMETER WITH TIME OF FLIGHT MASS SPCTROMETER AS PER THE FOLLOWING ANNEXURE: a) Detailed specification – Annexure - I. b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria – Annexure - II. c) Technical & Commercial Check list vide Annexure - III | 1 | No. |

Special Notes :

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 Technical Check list and Commercial Check list are furnished vide Annexure – III. Please ensure that both the check lists are properly filled up and uploaded along with “Techno-commercial Unpriced Bid”.

3.0 The items covered by this enquiry shall be used for R & D Purpose by Oil India Limited and hence Nil Customs Duty during import will be applicable as per DSIR guidelines. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to “General Terms & Conditions”.

4.0 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 **Chief Materials Manager, Oil India Limited, P.O.-Udayan Vihar ,Narang,Guwahati ,Assam** on or before the Bid Closing Date mentioned in the Tender.

a) Original Bid Security.

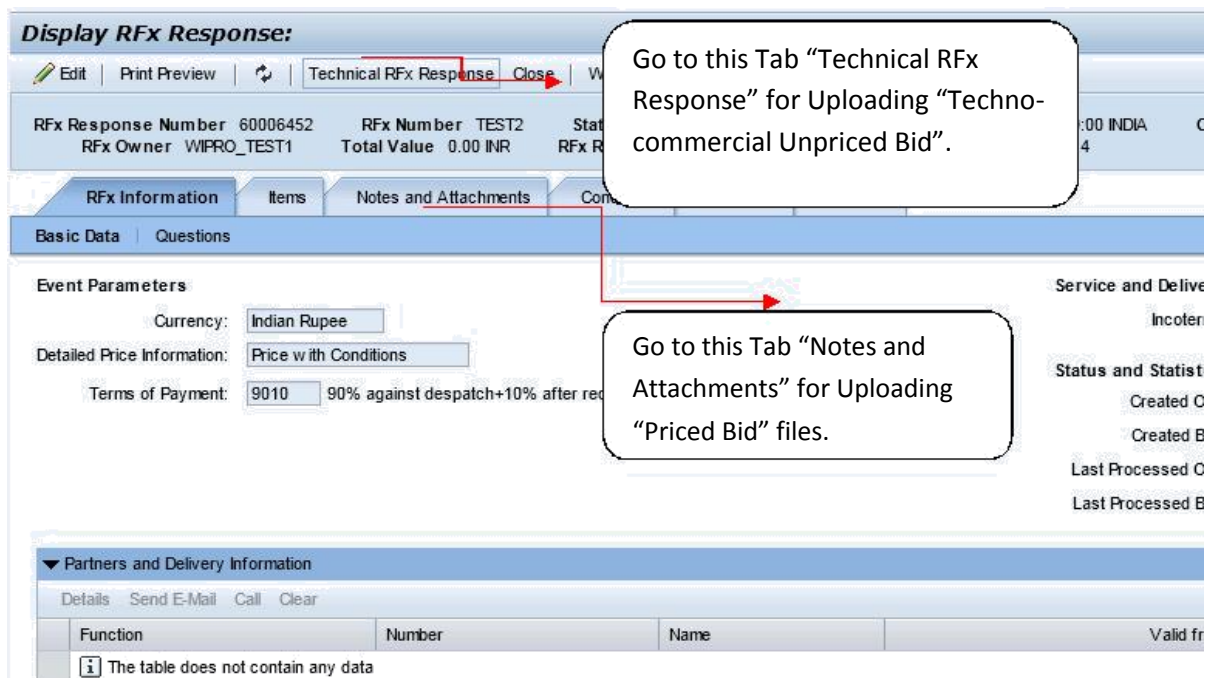
b) Details Catalogue and any other document which have been specified to be submitted in original.

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.

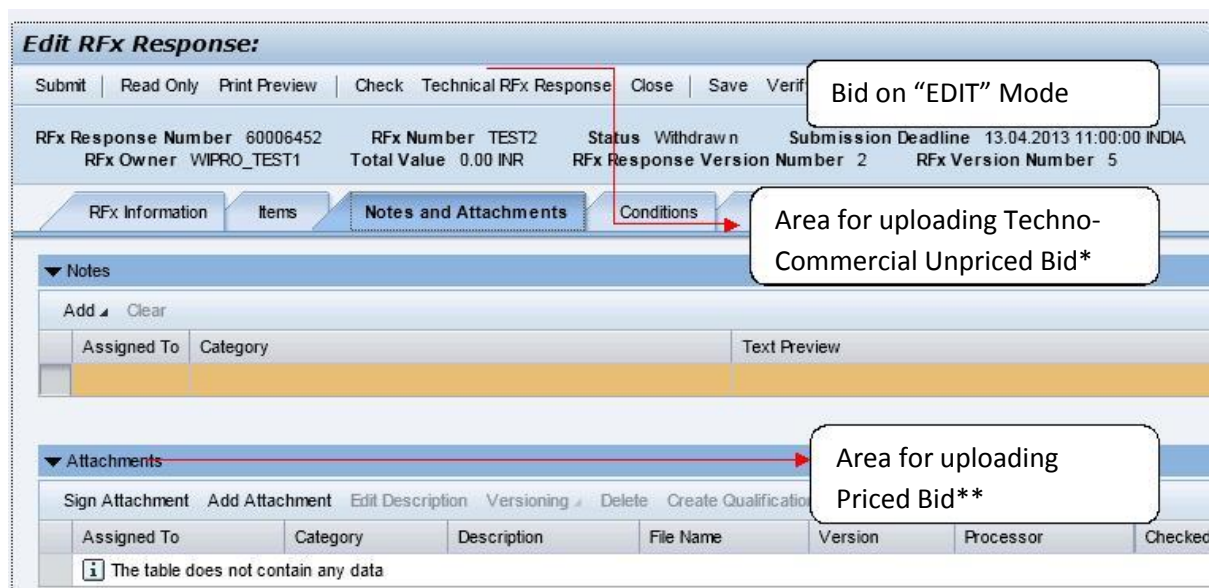
5.0 In case of SINGLE STAGE-TWO BID SYSTEM, bidders shall prepare the “Techno-commercial Unpriced Bid” and “Priced Bid” separately and shall upload through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” 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”.

A screen shot in this regard is given below.

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



On “EDIT” Mode- The following screen will appear. Bidders are advised to Upload “Techno-Commercial Unpriced Bid” and “Priced Bid” in the places as indicated above:



Note :

- * The “Techno-Commercial Unpriced Bid” shall contain all techno-commercial details **except the prices.**
- ** The “Price bid” must contain the price schedule and the bidder’s commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and

name the file under Description, Assigned to General Data and click on OK to save the File.

6.0 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.

7.0 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) and its amendments. 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.

8.0 **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. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. 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.

OIL’s Independent External Monitors at present are as under:

(I) SHRI RAGHAW SHARAN PANDEY, IAS (RETD.)

Former Secretary, Ministry of Petroleum & Natural Gas

E-MAIL ID : raghaw_pandey@hotmail.com

II) SHRI RAJIV MATHUR, IPS (Retd.)

Former Director, IB, Govt. of India,

E - Mail ID : rajivmathur23@gmail.com

Annexure - I

TECHNICAL SPECIFICATIONS FOR Two Dimensional as Chromatograph with Time of Flight Mass Spectrometer. REQUIREMENT AND APPLICATION:

Two Dimensional Gas Chromatograph with Time of Flight Mass Spectrometer with consumable free modulation (CFM) having following specifications

The fully automated computer controlled Gas Chromatograph with Time of Flight Mass Spectrometer should be equipped to carry out Comprehensive 2-dimensional GCXGC analysis of C10 to C40 compounds of crude oils where the entire sample is subjected to both dimensions of the separation. The gas chromatograph should consist of a primary column, modulator and secondary column. Each and every fraction eluting from the primary column should be modulated and transferred to the secondary column.

The instrument should consist of the following components:

A two dimensional gas chromatograph where the entire sample is subjected to both dimensions of the separation. The Gas chromatograph should be equipped with a primary capillary column oven and a secondary capillary column oven

Auto injector for the gas chromatograph

Consumable Free Modulator (CFM)

Split/split less injector 1 no

Programmed Temperature Vaporizer Injector 1 no.

Flame Ionization Detector 1 no

Time of Flight Mass Spectrometer

Data System

Other accessories like high capacity nitrogen generator and fittings for connections to the modulator etc. as per the details below.

It should be possible to completely control the instrument through a computer. The system should operate on 230 V, 50 Hz, single phase power supply. Following minimum specifications are required

Gas Chromatograph

Primary Column Oven

Temperature range: Ambient + 5°C to 450°C with sub-ambient temperature down to -50°C. Ramp rate: 1 to 120°C/min in steps of 1°C/min with provision for at least 6 ramps and 7 plateaus.

Cool down time: 450°C to 50°C in less than 5 minutes.

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

Secondary Column Oven

The GC should also be equipped with a secondary oven. The secondary oven should be independently controllable through the GCXGC software. It should be possible to program the secondary oven in lead mode of main oven. The maximum temperature 400°C with heating rate up to 40°C/min should be possible in secondary oven.

Split/Splitless Injector 1 no

Temperature range: Up to 450°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 pressure 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.

Flame Ionization Detector 1 no

The detector should have a ceramic flame jet. The detector should be capillary column optimized. It should have a linear dynamic range of 10^7 . Electronic control of Hydrogen, Air and Makeup gas (Nitrogen or Helium) should be possible. It should be possible to adjust the flow rate of Hydrogen between 0-90ml/min, air between 0-600ml/min and make up gas between 0-90ml/min.

Temperature: Ambient to 450°C

Minimum detection range: 2pg C/Sec

Fast data acquisition rate up to 300 Hz should be possible

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 pressure 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.

Splitter

A splitter should be provided so that the sample can be split between Flame Ionization Detector and the Mass Spectrometer.

Modulator

The modulator using either of the following technologies should be provided.

Quad-Jet (two separate cold and hot jets) or Dual Stage Thermal modulator

The modulator should use Consumable Free Cooling mechanism i.e. it should not require coolant like liquid nitrogen or liquid carbon dioxide. A refrigeration system should be provided that can cool the cold jet. It should be possible to cool the cold jets up to -80°C.

It should be possible to modulate the cycle time from 1 to 65 sec in steps of 0.1 sec. The modulator should be electronically controlled and it should be possible to monitor its status and control it through the GCXGC software. All the fittings and connections should be provided.

Nitrogen Generator 1 no.

High capacity nitrogen generator of minimum capacity 35 liters/min for supplying dry nitrogen should be provided. The dew point of nitrogen should be less than -70°C . The nitrogen generator should have built in air compressor.

Regulators

Two additional regulators for controlling the nitrogen gas between hot jet and cold jet should be included.

Auto Injector

It should work on split/splitless injector. It should be possible to load up to 8 samples on the auto injector. It should be possible to inject sample volumes from 0.1 to 50 micro litres.

Mass Spectrometer

The Mass Spectrometer (MS) must be Time of Flight (TOF) based system and should consist of Electron Impact (EI) ionization source, focusing optics, TOF MS, multichannel plate detector and high speed data collection system.

Ion source: Electron impact ionization (EI)

EI source should preferably have dual filament design with automatic software selection of the filament. If one fails during analysis switching to the other filament before the next run should be possible without disturbing the vacuum.

Mass range: 5 -1000 amu

Acquisition rate: It should be possible to acquire up to 500 full range spectra per sec

Linear dynamic range: At least four orders of magnitude

Detector: Micro channel plate detection system.

Vacuum system: should consist of two turbo molecular pumps mounted separately at source and analyzer chambers. Pump capacity should be more than 200 litres per second. The TMP pumps should be supported by a roughing pump.

GC transfer line temperature should be settable up to 400°C

Column set

Suitable primary and secondary columns required for analysis of hydrocarbons from C10 to C40 should be provided.

Four numbers of press fit connector should be provided to connect primary column with secondary Column in each set

Five nos of standard mixture for calibration of GCXGC should be provided.

Data System

The data system should consist of the software and the computer with following specifications

Software: The system must include fully integrated software package to provide integrated control of all functions of the GCXGC-ToF MS including temperatures and flow rates of injector, detector, oven, cryogenic modulator and mass spectrometer. It should be able to acquire data from GCXGC-ToFMS system and draw appropriate three dimensional plots in color. It should have variety of visualization and colorization schemes for visual inspection. It should be able to integrate the peaks and determine their retention time, height and area in both the dimensions. It should have automatic baseline correction feature, peak find, spectraldeconvolution peak area & height calculation, retention index calculation for samples run in 1D, sample comparison, semi quantification, report generation and data export. The software feature must include classification package for hydrocarbon analysis. It should be able to do both qualitative and quantitative processing of GCXGC data. It should have NIST library search algorithm. It should be able to compare two samples and list similarities and differences between them. It should be able to generate simple summary reports.

NIST library for mass spectra should be provided.

Computer Configuration as given below or better:
(BRANDED-COMPAQ-HP or Dell or equivalent)

The computer should be equipped to handle dual monitors

Core i5-2500 3.3 GHz

8 GB RAM, 1 TB HDD

NVIDIA Quadro 600 1GB Graphics Card

CD/DVD COMBO DRIVE - R/W

19" TFT Monitor - 2 nos.

Dual Display Communicator with one VGA Cable for dual display

Four U.S.B Ports (2 Front, 2-Back), RS232C Port & 1 Mouse Port.

MM Keyboard and Optical Mouse with Mouse Pad.

Pre-installed Microsoft Windows 7 64 bit and Microsoft Office

Colour laserjet printer

The printer should have following specifications

1. Make : HP/EPSON or reputed equivalent Brand.
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 / Vista on CD Media
10. Others : Power Cable and Original Cartridge

UPS

A 10 kVA, single phase (230V, 50Hz) UPS with a 30 minutes power back up at full load should also be offered.

The computer, printer and UPS should preferably be supplied locally.

Manuals

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

Training

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

Warranty

The complete instrument including UPS and computer/printer should be under warranty for a period of 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.

Annual Maintenance Contract

OIL may decide to go for Annual Maintenance Contract for a period of four years after the warranty period is over. 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. Charges for the Annual Maintenance Contract (AMC) for four

years, after the warranty period is over, should be quoted with year-wise break up. These charges will be used for evaluation purposes only.

F. Payment :

9.0 General Notes for Bidders - Commercial

(Bidders should confirm each & every point clearly. Deviations, if any, should be highlighted in the quotation.)

1.0 Materials shall be brand new, unused & of prime quality.

2.0 The Bidder shall warrant that in the event of an order, all product(s) supplied shall be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with the applicable codes and specification. Bidder should confirm the same while quoting.

3.0 Bidder should indicate the name of manufacturer & country of origin

4.0 Tax & Duties:

- (i) All taxes, stamp duties and other levies imposed outside India shall be the responsibility of the Bidder/Seller and charges thereof shall be included in the offered rates.
- (ii) All Taxes & levies imposed in India, for the services including installation & commissioning, shall be to Bidder/Seller's account.
- (iii) Income Tax on the value of the Services rendered by the Bidder /Seller in connection with installation/ commissioning, AMC etc. shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

5.0 Payment : Payment shall be released as follows:

- i) 80 % of the supply value shall be released on supply of the Unit against proof of despatch/shipment of the goods.
- ii) Remaining 20 % of the supply value along with installation & commissioning charges shall be paid after successful installation & commissioning and acceptance of the Unit by OIL at site.

OIL may consider making 100 % payment of the Unit value towards supply of the Unit against proof of dispatch/shipment provided bidders

agree to pay interest @ 1% above prevailing Bank Rate (CC rate) of State Bank of India for 20 % of the Unit value and also submit Bank Guarantee for the equivalent amount plus interest valid till successful commissioning of Unit at site. This is in addition to the 10 % of the order value towards Performance Security as per the NIT requirement.

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 the duration of commissioning time indicated in the tender plus transit time (3 months) for evaluation purpose.

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.

Annexure - II

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

(I) BID REJECTION CRITERIA (BRC)

The bids must conform to the specifications and terms and conditions given in the tender. Bids shall be rejected in case the item(s) offered do not conform to the required. minimum/maximum parameters stipulated in the technical specifications and to the respective international / national standards wherever stipulated. Notwithstanding 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) TECHNICAL :

1. The gas chromatograph must be two dimensional where entire sample is subjected to both dimensions of the separation
2. The Mass Spectrometer (MS) must be Time of Flight (TOF) based system

Bidders Qualifications & experience

2.1 The Bidder shall be an Original Equipment Manufacturer (OEM) of Two Dimensional Gas Chromatograph with Time of Flight Mass Spectrometer or authorized by OEM to bid on their Behalf .

2.2 Bidder must have supplied at least two nos. of Two Dimensional Gas Chromatograph-Time of Flight Mass Spectrometer, anywhere in the world, in the preceding seven years period prior to the bid closing data. Name, Address, Contact Person Name and Phone no.& email ID of the parties to whom the instrument has been supplied should be provided.

(B) 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.

1.0 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. Techno Commercial) bid.**The “Techno Commercial bid” shall contain all techno-commercial details except the prices which shall be kept blank. The “Priced 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 OR USD 6840.00 or Rs. 4,10000.00 shall be furnished as a part of the TECHNICAL BID. Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration. For exemption for submission of Bid Security, please refer Clause No. 9.8(Section A) of General Terms and Conditions for Global Tender. The Bid Security shall be valid till 8.12.2016. Bid with lesser validity Bid bond shall be rejected.

3.0 Validity of the bid shall be minimum 180 days. Bids with lesser validity shall be rejected.

4.0 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 eighteen months from the date of shipment/dispatch or twelve months from the date of commissioning whichever is earlier 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.

5.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for one year from the date of successful Installation/Commissioning . Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

6.0 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.

7.0 No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.

8.0 Offers received without Integrity Pact duly signed by the authorized signatory of the bidder will be rejected.

9.0 Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below :

Commercial Bid Format (SUMMARY) for Foreign Bidders :

(A) Total Material value of the unit

(B) FOB Charges

(C) Total FOB Value, (A + B) above

(D) Ocean Freight uptoKolkata(India) port (as quoted)

(E) Insurance Charges @ 1 % of Total FOB Value vide (C) above

(F) Banking Charges @ 0.5% of Total FOB Value vide (C) above in case of

payment through Letter of Credit (If confirmed L/C required, 2.5% of

Total FOB Value will be loaded)

(G) Total CIF Kolkata Value, (C + D + E + F) above

(H) AMC Charges for 4 years after warranty period

(I) Installation/Commissioning charges

(J) Total Value, (G + H +I) above

(K) Total value in words :

(L) Gross Weight :

(M) Gross Volume

(ii) Commercial Bid Format (SUMMARY) for Indigenous Bidders :

(A) Total Material value of the Unit

(B) Packing and Forwarding Charges

- (C) Total Ex-works value, (A + B) above
- (D) Excise Duty as applicable on (C) above
- (E) Sales Tax as applicable on (C+D) above
- (F) Total FOR Despatching station Value, (C+D+E) above
- (G) Transportation charges (as quoted)
- (H) Insurance charges @0.5% of Total FOR Despt. Station Value (F) above
- (I) Assam entry tax
- (J) Total FOR Guwahati value, (F+G+H + I) above
- (K) AMC Charges for 4 years after warranty period
- (L) Installation/Commissioning charges
- (M) Total Value, (J+K+L) above
- (N) Total value in words :
- (O) Gross Weight :
- (P) Gross Volume

2.0 AMC charges, for four years, after the warranty period is over, should be quoted separately with year-wise break up separately which shall be considered for commercial evaluation of the offers.

3.0 Installation/Commissioning charges must be quoted separately on lump sum basis which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares,

boarding/lodging, local transport at Guwahati and other expenses of supplier's commissioning personnel during their stay at Guwahati,

Assam(India). All Income, Service, Corporate Taxes etc. towards the services provided under installation / commissioning shall be borne by the supplier and will be deducted at source at the time of releasing the payment. Bidder should also confirm about providing all these services in the Technical Bid. List of Commissioning Spares if any indicating the qty, description and unit prices must be shown separately.

(II) BID EVALUATION CRITERIA (BEC) :

1.0 All materials as indicated in the material description of the enquiry should be offered. If any of the items are not offered by the bidders, the offer will not be considered for evaluation.

B. COMMERCIAL :

1.0 The evaluation of bids will be done as per the Price Schedule (SUMMARY) detailed vide Para 9.0 of BRC.

2.0 If there is any discrepancy between the unit price and the 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.

3.0 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.

4.0 Offers not complying with the payment terms indicated in the enquiry shall be loaded with one percent above the prevailing Bank rate (CC rate) of State Bank of India for evaluation purpose.

5.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.

5.1 When only foreign bids are involved :

Comparison of bids will be done on the basis of “TOTAL VALUE” which is

estimated as under:

(A) Total Material value of the unit

(B) FOB Charges

(C) Total FOB Value, (A + B) above

(D) Ocean Freight uptoKolkata(India) port (as quoted)

(E) Insurance Charges @ 0.5% of Total FOB Value vide (C) above

(F) Banking Charges @ 1% of Total FOB Value vide (C) above in case of payment through Letter of Credit (If confirmed L/C required, 2.5% of Total FOB Value will be loaded)

(G) Total CIF Kolkata Value, (C + D + E + F) above

(H) AMC Charges for 4 years after warranty period

(I) Installation/Commissioning charges

(J) Total Value, (G + H +I) above

Note : Banking charge in the country of the foreign bidder shall be borne by

the bidder.

5.2 When only domestic bids are involved :

Comparison of bids will be done on the basis of "Total Value" which is

estimated as under:

(A) Total Material value of the Unit

(B) Packing and Forwarding Charges

(C) Total Ex-works value, (A + B) above

(D) Excise Duty as applicable on (C) above

(E) Sales Tax as applicable on (C+D) above

(F) Total FOR Despatching station Value, (C+D+E) above

(G) Transportation charges (as quoted)

(H) Insurance charges @0.5% of Total FOR Despt. Station Value (F) above

(I) Assam entry tax

(J) Total FOR Guwahati value, (F+G+H + I) above

(K) AMC Charges for 4 years after warranty period

(L) Installation/Commissioning charges

(M) Total Value, (J+K+L) above

5.3 When both Foreign and Domestic bids are involved :

The 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 and Insurance charges worked out as per Para 5.2 above and Total Value of the foreign bidder worked out as per Para 5.1 above excluding inland transportation to destination 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 actual, whichever 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 Total Value basis.

6.0 Other terms and conditions of the Tender 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 and Conditions for Global Tender and/or elsewhere, this in the BEC / BRC shall prevail.

Annexure – III

(B) COMMERCIAL CHECK LIST

THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE SELECT "Yes" OR "No" TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

| Sl# | REQUIREMENT | COMPLIANCE |
|-----|--|------------|
| 1.0 | Whether bid submitted under Single Stage Two Bid System? | Yes / No |
| 2.0 | Whether quoted as manufacturer? | Yes / No |
| 2.1 | Whether quoted as Supply House / Distributor. To Specify- | Yes / No |
| 2.2 | If quoted as Supply House / Distributor, | Yes / No |
| | (a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Supply House for the product offered ? | |
| 3.0 | (b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted? | |
| | Whether ORIGINAL Bid Bond (not copy of Bid Bond) Sent separately? If Yes, provide details | |
| | (a) Amount : | |
| | (b) Name of issuing Bank : | |
| | (c) Validity of Bid Bond : | |
| 3.1 | Whether offered firm prices? | Yes / No |
| 3.2 | Whether quoted offer validity of Six months from the date of closing of tender? | Yes / No |
| 3.3 | Whether quoted a firm delivery period? | Yes / No |
| 3.4 | Whether agreed to the NIT Warranty clause? | Yes / No |
| 3.5 | Whether confirmed acceptance of tender Payment Terms of 80% against shipment/dispatch documents and balance 20% after successful commissioning along with commissioning charges? | Yes / No |
| 3.6 | Whether confirmed to submit PBG as asked for in NIT? | Yes / No |
| 3.6 | Whether agreed to submit PBG within 30 days of placement of | Yes / |

| | | |
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| 1 | order? | No |
| 3.7 | Whether Price submitted as per Price Schedule (refer Para 6.0 of BRC vide Annexure – II)? | Yes / No |
| 3.7 1 | Whether confirmed that all spares & consumables will be supplied for a minimum period of 10 years? | Yes / No |
| 3.7 2 | Whether cost of Recommended Spares for 2 years of operations quoted? | Yes / No |
| 3.8 | Whether quoted as per NIT (without any deviations)? | Yes / No |
| 3.8 1 | Whether quoted any deviation? | Yes / No |
| 3.8 2 | Whether deviation separately highlighted? | Yes / No |
| 3.9 | Whether indicated the country of origin for the items quoted? | Yes / No |
| 3.9 1 | Whether technical literature / catalogue enclosed? | Yes / No |
| 3.9 2 | Whether weight & volume of items offered indicated? | Yes / No |
| 4.0 | For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding? | Yes / No |
| 4.1 | For Foreign Bidders – Whether port of shipment indicated. To specify: | Yes / No |
| 4.2 | For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ? | Yes / No |
| 4.3 | 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? | |
| 5.0 | For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify : | Yes / No |
| 5.1 | For Indian Bidders – Whether road transportation charges up to Guwahati quoted? | Yes / No |
| 5.2 | For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges? | Yes / No |
| 5.3 | For Indian Bidders only - Whether indicated import content in the offer? | Yes / No |
| 5.4 | For Indian Bidders only - Whether offered Deemed Export prices? | Yes / No |
| 5.5 | For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted? | Yes / No |

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| 6.0 | Whether all BRC/BEC clauses accepted ? | Yes / No |
| 7.0 | Whether confirmed to offer the equipment for Pre-despatch/shipment Inspection & testing? | Yes / No |
| 7.1 | Whether Pre-despatch/shipment inspection & testing charges applicable? | Yes / No |
| 7.2 | If Pre-despatch/shipment inspection & testing charges applicable, whether quoted separately on lumpsum basis? | Yes / No |
| 7.3. | Whether confirmed to carry out Installation & Commissioning of the equipment at Guwahati (Assam) ? | Yes / No |
| 7.4 | Whether Installation & Commissioning charge applicable? | Yes / No |
| 7.5 | If Installation/ Commissioning and Training charges applicable, whether separately quoted on lumpsum basis? | Yes / No |
| 7.6 | Whether to & fro air fares, boarding/lodging of the commissioning personnel at Guwahati , Assam(India) included in the quoted charges ? | Yes / No |
| 7.7 | Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation/ Commissioning are included in the prices quoted ? | Yes / No |
| 8.0 | Whether Integrity Pact with digital signature uploaded? | Yes / No |

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| Offer reference | |
| Name of the Bidder | |