

**OIL INDIA LIMITED**  
**(A Govt. of India Enterprise)**  
**P.O. Duliajan – 786602, Assam**

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**Tender No. & Date : SDG9811P16/09**

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security Amount : USD 3,700.00 OR INR 2,48,000.00

Bid Security Validity : 08.03.2017

**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)

Performance Guarantee : Applicable

**OIL INDIA LIMITED** invites Global Tenders for items detailed below:

<b>Item No. /Mat. Code</b>	<b>Material Description</b>	<b>QTY.</b>	<b>UOM</b>
10	SUPPLY, INSTALLATION AND COMMISSIONING OF OPTICAL EMISSION SPECTROMETER AS DETAILED IN THE FOLLOWING ANNEXURES –  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 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 “General Terms & Conditions”. However, Indian bidders will not be issued Recommendatory Letter.

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 **Head Materials, Materials Department, Oil India Limited, Duliajan-786602, Assam** on or before **11:00 Hrs (IST)** on the Bid Closing Date mentioned in the Tender.

a) Original Bid Security along with two sets of photocopy.

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.

**Display RFx Response:**

Edit | Print Preview | Technical RFx Response | Close

RFx Response Number: 60006452 | RFx Number: TEST2 | Status: RFx R | RFx Owner: WIPRO\_TEST1 | Total Value: 0.00 INR

RFx Information | Items | Notes and Attachments | Comments

Basic Data | Questions

**Event Parameters**

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

Terms of Payment: 9010 | 90% against despatch+10% after rec

**Partners and Delivery Information**

Details | Send E-Mail | Call | Clear

Function	Number	Name	Valid fr
The table does not contain any data			

**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 Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1<sup>st</sup> April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises(MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.”

8.0 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.

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 Monitors at present are as under:

**1. SHRI RAJIV MATHUR, IPS(Retd.),**  
**Former Director (IB) Govt. of India**  
**e-Mail ID : [rajivmathur23@gmail.com](mailto:rajivmathur23@gmail.com)**

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**SCOPE : SUPPLY, INSTALLATION AND COMMISSIONING OF OPTICAL EMISSION SPECTROMETER.**

**QUANTITY : 1 No.**

**1.0 OPTICAL EMISSION SPECTROMETER:**

1.1 Supply of Brand new Bench Top Direct reading Optical Emission Spectrometer for testing / analyzing ferrous base materials as per analytical program for "Fe" range mentioned in the Appendix - A using Argon gas as the flow gas and working on 230 V AC +/- 10%, 50 Hz single phase electrical supply.

1.2 The scope of work includes supply, installation & commissioning & imparting training of the Optical Emission Spectrometer set complete along with all accessories.

**2.0 DETAIL TECHNICAL SPECIFICATION:**

**TECHNICAL SPECIFICATION FOR OPTICAL EMISSION SPECTROMETER (OES)**

Sl.No.	Features	Requirements	Response of the bidder in YES/NO
1.	Design	i)The model shall be compact and with inbuilt spark stand ii) The instrument should give continuous service, rugged and bench top type iii) Equipment should be of latest generation consisting advance features like clear Spectrum technology , improved co#axial argon flow, Pneumatic driven spark stand , application solution package etc. iv)Instrument shall be suitable for testing/ analyzing ferrous base materials as per analytical program for "Fe" range mentioned in the Appendix - A. v)It shall be based on Spark technique	
2.	Spark Stand	i) Spark stand design shall be in a way that direct accessing of polished samples of all geometries and sizes (Diameter 14 mm or more) can be placed for direct spark. The spark stand should be pneumatic driven and should be open type for	

		accessing big samples. ii) Easily exchangeable spark stand plate - rapid sample change facility	
3.	Grinder / Polisher	i) High speed disc grinder unit to polish the samples with 2500 rpm minimum, 3 phase, 415V	
4.	Configuration	i) The equipment shall be fully automated, PC controlled, multifunctional, direct reading optical emission spectrometer based on latest advances in spectroscopy and CCD based technology for instant and direct metallurgical analysis of metal and alloy samples in solid form.	
5.	Optical System	i) Shall have multiple optical systems with High Dispersion Non coated scientific CCD detector with high resolution. ii) Optical System shall have best possible Spectral and Pixel Resolutions (quantitative values to be mentioned) iii) Source of power should be through suitable inbuilt generator, controlled by accurate digital PWM (Positive Width Modulation). It should be maintenance free inductive ignition.	
6.	Detectors	i) Instrument shall have high resolution CCD multi detectors or combination of CCD & PMT detectors. ii) Minimum 8 or more CCD detector required to cover entire working spectrum. iii) CCD detector shall have least 2400 pixels per CCD. iv) Detectors to cover complete range of UV and Visible spectrum.	
7.	Focal Length	Minimum 400 mm or more	
8.	Gratings	High resolution grating of 2400 gr/mm	

		or better	
9.	PC	i) Latest branded PC having minimum 4 GB DDR RAM, 160 GB HDD or better, ii) Installed with original licensed Window 7 operating system, provided with Compatible cables and ports so as to establish instrument to PC and Printer connectivity iii) USB - drive for Transfer of analysis results Or Latest available configuration	
10.	Monitor	Flat panel LED/LCD, Minimum 22" display screen	
11.	Printer	Latest branded laser jet, A4 size color prints	
12.	Software	i) Supplier shall provide the original analytical software and also a back up copy ii) Required a User-friendly Software iii) Preloaded Antivirus with latest version along with Licensed CD	
13.	UPS	Minimum 3KVA online UPS with inbuilt isolation transformer, minimum 30 minutes backup for uninterrupted power supply.	
14.	Operating Temperature Range	i) Instrument to work between 10 degree Celcius to 30 degree Celcius ii) It is to have used inbuilt Thermal Control body using temperature regulations iii) Drift free and stabilized against fluctuations in temperature iv) It is to be Shock mounted so that vibrations do not affect system performance v) Should have a thermal conditioning optical chamber to minimize Drift	
15.	Argon consumption	i)It shall be minimum and supplier shall provide consumption details.	

		ii)Argon Gas cylinders having 99.999% purity- 2 numbers iii)Double Stage Argon Gas regulator with Stainless Steel Diaphragm. iv)The Gas cylinders must have necessary certificates as required by the national/international standards / concerned authorities.	
16.	Power consumption	It is to be minimum and supplier must mention the power rating of the equipment	
17.	Calibration and Blank setting	i) Calibration process shall be simple and fast ii) Automatic diagnosis system to locate the faults & errors iii)Should be pre-calibrated for the element range iv) Should be supplied with the required setting up samples (SUS) for entire range as per Analytical program for standardization/ pre-calibration.	
18.	Data result	i) It shall be possible to obtain test results directly and printed in % by mass and or PPM form ii) Storage of complete spectrum of elements for future reference	
19.	Manuals	i) Operation and maintenance manual to be provided in hard and soft copy form with the unit ii) Application notes (CD-ROM) for elemental analysis in ferrous base alloys. iii) Service manual with set of required tools for each system /unit. iv) Spare parts catalogue one set v) Trouble shooting charts of all sub-units vi) All the operation and maintenance manuals ,circuit diagrams, application notes and application software to be supplied in English language	
20.	Dust Proof	i) Dust cover for all sub-units	
21.	Operation Kit	Operation kit comprising pump, tubing ,transfer tubing, work coils etc. for startup/ regular operation of	



		instrument	
22.	Consumables	Consumables for two years operation of system for main OES unit are required	
23.	Temperature Controlling Device	Necessary controlling device to control room temperature (room size 12feet x12feet) to be provided along with the equipment & to be installed during the installation of Optical Emission Spectrometer.	
24.	Safety	i) The design of equipment shall ensure safety of operators and equipment at all times. ii) A master switch board shall be provided on the machine to stop the operation during an event of emergency. iii) Exhaust filters system for flushing out of argon gas.	

**NOTES:**

1. The bidder / seller have to demonstrate the performance of the instrument using applicable standards up to the satisfaction of OIL in the event of an order.
2. Original catalogues with relevant features shall be supplied along with the bids.
3. Successful bidder will have to inform OIL regarding Civil work/any other arrangement required to be made for installation and complete working of OES sufficiently in advance before supplying the equipment. The same may be determined by prior visit to the premises where OES has to be supplied.
4. Deviation from NIT requirements shall be clearly indicated in the bid under separate heading.
5. All write ups, documents, certificates, manuals, correspondences etc. by the bidder must be in English.
6. All hazards involved during operation / standby should be specifically mentioned along with necessary protective measures for the same.
7. All necessary Materials Safety Data Sheet (MSDS) should be supplied along with the materials.
8. Price of necessary CRM standards compiled test pieces are to be quoted separately in the price bid and the items to be mentioned in the technical bid without the price. The price of these items will not be considered for bid evaluation.
9. Two sets of Operation & Maintenance manual shall be provided free of cost along with materials.

10. Bidder shall have to provide safe operating procedure & Standard Operating Procedure along with the material indicating all the hazard involved.

11. Bidder shall have to submit undertaking along with their bid to enter into Annual Maintenance Contract (AMC) for 2 years after warranty period in the event of an order on them.

12. Bidder shall quote for Annual Maintenance Contract for 2 years with year wise break up mentioning the scope of service in their bid which shall be considered for bid evaluation.

13. Bidder shall also furnish the cost of maintenance spares for 2 years valid for 2(two) years with item details, part no., quantity and unit rate. The prices to be quoted in the price bid and the list of items to be mentioned in the technical bid without the price. The cost of 2 years maintenance spares shall not be considered for bid evaluation purpose.

14. Any optional accessories which may be required for various types of samples to be quoted separately mentioning the purpose of the accessories with quantity and unit rate. The prices to be quoted in the price bid and the list of items to be mentioned in the technical bid without the price. Cost of optional item shall not be considered for bid evaluation.

### **3.0 TRAINING TO OIL PERSONNEL:**

a) The bidder shall arrange for training of 1 to 2 OIL personnel at their work site. OIL shall bear all expenses for to & fro journey & stay for OIL personnel.

b) The bidder shall also arrange for training of 4 nos. of OIL personnel of the supplied equipment at OIL's site to understand operation and maintenance of the system. Normally Training duration should be within 2-3 days. However, training should continue till the satisfaction of OIL personnel and hence, it is dependent on the ability of the trainer. The bidder should provide experienced trainer for the same.

c) Training charges shall be quoted separately on lump sum basis for (i) training at bidder / seller's works and (ii) training at OIL's site at Duliajan, Assam including amongst others to and fro fares, boarding/ lodging and other expenses, if any, of the bidder's/ seller's training/ service personnel during their stay at Duliajan, Assam (India) for training at site. Training charges shall be considered for evaluation of the offer.

d) Income Tax, Corporate Tax, Personal Tax etc. on the value of the Services rendered by the Bidder/ Seller in connection with training shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

### **4.0 PACKING:**

i) The packing shall be roadworthy for transportation upto site, sufficiently robust to withstand rough handling

ii) Boxes/ packing cases containing electrical equipment shall be water & rodent proof.

iii) All manuals, drawings, documents and digital items (discs) shall be separately packed and contained in rigid plastic pouches.

## **5.0 INSPECTION & TESTING:**

OIL as purchaser shall have the right to carry out stage inspection and shop visit to review the manufacturing progress but such inspection shall not relieve the bidder of his responsibility to ensure that the equipment supplied is free from all manufacturing and other defects and conform to correct specifications. The bidder/manufacturer shall inform OIL in advance (four weeks if in India & sixteen weeks if abroad) for inspection at OEM/suppliers premises. However, manufacturer should not hold any manufacturing activity for witness of purchaser's stage inspection. OIL shall have the right to waive such inspection.

### **A) PREDELIVERY INSPECTION:**

i) Pre-delivery inspection shall be performed by OIL to insure all components, controls, etc. are included as specified herein, free from any defects and equipment can fulfill all the requirements as specified prior to delivery and acceptance. The testing of Optical Emission Spectrometer shall necessarily be carried out at factory/ manufacturer premises in presence of representatives of OIL. The manufacturer or its representative shall give a notice in advance of minimum four weeks for in country and sixteen weeks for abroad carrying out pre-delivery inspection and shall arrange for consumables for test run at his cost. OIL shall witness such inspection & testing at mutually agreed date. OIL shall bear all the expenses towards to & fro journey & stay of OIL inspection team for their visit to the factory/ works.

ii) During testing all controls/ operations safety will be checked and proper record will be maintained by the manufacturer's representative. Any defect/ abnormality noticed during testing shall be rectified. The testing will be declared successful only when no abnormality/ failure are noticed during the testing.

iii) Any defects which become evident during the test shall be corrected by the bidder at his own expense prior to shipment to OIL.

iv) The Optical Emission Spectrometer will be cleared for dispatch to site only when the testing is declared successful by OIL.

v) A copy of the test results shall be submitted to the OIL at the end of the inspection. Test results shall match with the national / international standard.

B) DISPATCH/SHIPMENT TO SITE: The items shall be dispatched only after OIL's satisfactory inspection and advice.

## **6.0 INSTALLATION AND COMMISSIONING AT SITE AND HANDING OVER TO OIL**

i) Installation and Commissioning of the Optical Emission Spectrometer set shall be carried out by the bidder/seller in the presence of OIL representatives at sites at Duliajan, Assam (India).

ii) Installation / commissioning charges should be quoted separately on lump sum basis inclusive of service tax which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares, boarding/ lodging and other expenses of the service personnel of the bidder/ seller during their stay at Duliajan, Assam (India).

iii) Income Tax, Corporate Tax, Personal Tax, Service Tax etc. on the value of the Services rendered by the Bidder/ Seller in connection with installation /

commissioning shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

iv) The bidder shall be responsible for safety of its personnel and equipment during the commissioning work.

v) During the installation & commissioning job, the bidder shall strictly ensure that all the cut ends of cables, packing materials, leftover items are removed from site after completion of work.

v) No environmental damage shall be done while carrying out the job.

#### **7.0 WARRANTY / GUARANTY:**

Bidders must confirm that Goods / materials 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 bidder/ seller at the seller's expenses and no extra cost to OIL. This guarantee shall survive and hold good notwithstanding inspection, payment for and acceptance of the goods.

#### **8.0 AFTER SALES SERVICE:**

Bidder shall have to give an undertaking in their bid that they shall provide after sale service support during the warranty period on free of cost basis.

#### **9.0 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 the Bidder/Seller's account.

(iii) Income Tax/Corporate Tax/Personal Tax/Service Tax etc. on the value of the Services rendered by the Bidder /Seller in connection with installation/ commissioning/training shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

#### **10.0 PAYMENT : Payment shall be released as follows:**

i) 80 % of the supply value shall be released against proof of despatch/shipment of the goods and test certificates.

ii) Remaining 20 % of the supply value along with installation & commissioning charges shall be paid after successful commissioning and acceptance at OIL 's site.

# OIL may consider making 100 % payment of the supply value towards supply of each MSG against proof of dispatch/shipment and submission of test certificates provided bidders agree to pay interest @ 1% above prevailing Bank Rate (CC rate) of State Bank of India for 20 % of the supply value and also submit Bank Guarantee for the equivalent amount plus interest valid till successful commissioning of 6 nos. MSG 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 evaluation purpose.

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

**(I) BID REJECTION CRITERIA (BRC):**

The bids shall conform generally to the specifications and terms as well as conditions laid out in the tender. Bids will be rejected in case the items offered do not conform to the required 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 & conditions, particularly the following requirements will have to be met by the bidders, without which, the offer will be considered as non-responsive and stand rejected.

**A. TECHNICAL:**

**1.0 Bidder's Qualification:**

1.1 The bidder shall be an Original Equipment Manufacturer (OEM) having experience in manufacturing of Optical Emission Spectrometer.

OR

The bidder shall be a sole selling agent / distributor / dealer / supply house of Original Equipment manufacturer (OEM). However, OEM should have experience in manufacturing of Optical Emission Spectrometer.

**2.0 Bidder's Experience:**

2.1 In case the bidder is an Original Equipment Manufacturer (OEM):

2.1.1 The bidder should have an experience of minimum 7 (Seven) years in manufacturing Optical Emission Spectrometer. For this purpose the period reckoned shall be the period preceding the original bid closing date of the tender. Necessary documentary evidence to be submitted along with the bid.

2.1.2 The bidder (OEM) should also have the experience of successful execution of supply, installation & commissioning of at least 01 (one) number of Optical Emission Spectrometer in the last 07 (seven) years preceding the bid closing date of this tender in Govt./Semi Govt./PSU/Public Limited Company.

2.1.3 Documentary evidence to substantiate supply record should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of those Purchase Orders, such as:

- (i) Satisfactory Inspection report (OR)
- (ii) Satisfactory supply completion/ Installation / Commissioning report (OR)
- (iii) Delivery challans received by Consignee (OR)
- (iv) Central Excise Gate Pass/ Tax Invoice issued under relevant rules of Central Excise/ VAT

2.1.4 The bidder shall confirm that they have required facilities for testing the quoted equipment as per national/ International standards at their premises and the equipment / products will be tested and certified accordingly. Declaration for same should be enclosed along with the bid.

2.1.5 Bidder quoting as manufacturer must guarantee uninterrupted supply of spares and availability of service for at least 10 years with effect from delivery of the Item / product for the item / product to be supplied under the Tender / Order, if order is awarded to them by OIL.

2.2 In case the bidder is sole selling agent / distributor / dealer / supply house of the Original Equipment manufacturer (OEM), then bidder must furnish the following documents:

2.2.1 Back-up authority cum warranty letter in original on manufacturer's letter head, valid at the time of bidding which should remain valid during the entire execution period of the order, from the concerned manufacturer guaranteeing supply of the items to the bidder in the event of an order on the bidder and also authorized them to market their products.

2.2.2 The bidders quoting on behalf of the manufacturers must also submit undertaking in original from the manufacturer for back up guarantee, after sale services and uninterrupted supply of spares for at least 10 (ten)years with effect from delivery of the Item / product for the item / product to be supplied under the Tender / Order, if order is awarded to them by OIL.

2.2.3 The sole selling agent / distributor / dealer / supply house should quote for the supply of Optical Emission Spectrometer from the manufacturers who meet the experience & other criteria as mentioned at clauses 2.1.1, 2.1.2, 2.1.3, 2.1.4 & 2.1.5.

## **B. COMMERCIAL**

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. Unpriced) bid. The "Unpriced 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 US \$ 3,700.00 or Rs. 2,48,000.00** 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 Bid Security shall be valid for one year from the date of tender opening i.e, **valid upto 08.03.2017.**

3.0 Validity of the bid shall be minimum **180 days** from Bid closing date. Bids with lesser validity will be straightway rejected.

4.0 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.

5.0 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.

6.0 Bidders shall quote directly and not through Agents in India. Offers made by Indian Agents on behalf of their foreign principals will be rejected. Similarly offers from unsolicited bidders will be rejected.

7.0 Bids containing incorrect statement will be rejected.

8.0 No offers should be sent by E-mail or Fax. Such offers will not be accepted.

9.0 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 12 months from the date of successful commissioning of the item 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 and no extra cost to OIL.

10.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for a period of 18 months from date of shipment/dispatch or 12 months from the date of commissioning of the item whichever is earlier. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

11.0 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.

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

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

- (A) Total material cost of 1 no. Optical Emission Spectrometer
- (B) Packing & FOB Charges
- (C) Total FOB Port of Shipment value, ( A + B ) above
- (D) Ocean Freight Charges upto Kolkata, India

- (E) Insurance Charges
- (F) Total CIF Kolkata value, (C + D + E )
- (G) Pre-Despatch Inspection Charges, if any
- (H) Training Charges inclusive of Service Tax
- (I) Installation & Commissioning Charges inclusive of Service Tax
- (J) AMC Charge for 1<sup>st</sup> year inclusive of Service Tax
- (K) AMC Charge for 2<sup>nd</sup> year inclusive of Service Tax
- (L) Total Value, ( F+G+H+I+J+K ) above
- (M) Total value in words :
- (N) Gross Weight :
- (O) Gross Volume

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

- (A) Total material cost of 1 no. Optical Emission Spectrometer
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value ( A + B )
- (D) Excise Duty, (Please indicate applicable rate of excise duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station value ( C + D + E )
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges
- (I) Total FOR Duliajan value, ( F +G + H )
- (J) Pre-Despatch Inspection Charges, if any
- (K) Training Charges inclusive of Service Tax
- (L) Installation & Commissioning Charges inclusive of Service Tax
- (M) AMC Charge for 1<sup>st</sup> year inclusive of Service Tax
- (N) AMC Charge for 2<sup>nd</sup> year inclusive of Service Tax
- (O) Total Value, ( I+J+K+L+M+N ) above
- (P) Total value in words :
- (Q) Gross Weight :
- (R) Gross Volume :

**(II) BID EVALUATION CRITERIA (BEC) :**

The bids conforming to the specifications, terms and conditions stipulated in the enquiry 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. TECHNICAL:**

1.0 All materials as indicated in the material description of the NIT 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 Commercial Bid Format (SUMMARY) detailed vide Para 12.0 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 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 "TOTAL VALUE" which is estimated as under :

- (A) Total material cost of 1 no. Optical Emission Spectrometer
- (B) Packing & FOB Charges
- (C) Total FOB Port of Shipment value, ( A + B ) above
- (D) Ocean Freight Charges upto Kolkata, India
- (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 at buyer's account is required, 1.5% of Total FOB Value will be loaded )
- (G) Total CIF Kolkata Value, ( C + D + E + F ) above
- (H) Pre-Despatch Inspection Charges, if any
- (I) Training Charges inclusive of Service Tax
- (J) Installation & Commissioning Charges inclusive of Service Tax
- (K) AMC Charge for 1<sup>st</sup> year inclusive of Service Tax
- (L) AMC Charge for 2<sup>nd</sup> year inclusive of Service Tax
- (M) Total Value, ( G+H+I+J+K+L ) above
- (N) Total value in words :

NOTE : Banking charge 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 "TOTAL VALUE" which is estimated as under :

- (A) Total material cost of 1 no. Optical Emission Spectrometer
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value ( A + B )
- (D) Excise Duty, (Please indicate applicable rate of excise duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)

- (F) Total FOR Despatching station value ( C + D + E )
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges @0.5% of Total FOR Despatching Station Value (F) above
- (I) Total FOR Duliajan value, ( F + G +H )
- (J) Pre-Despatch Inspection Charges, if any
- (K) Training Charges inclusive of Service Tax
- (L) Installation & Commissioning Charges inclusive of Service Tax
- (M) AMC Charge for 1<sup>st</sup> year inclusive of Service Tax
- (N) AMC Charge for 2<sup>nd</sup> year inclusive of Service Tax
- (O) Total Value, ( I+J+K+L+M+N ) above
- (P) Assam Entry tax
- (Q) Total Value, ( O +P ) above
- (R) Total value in words :

NOTE: Excise Duty in case of the indigenous bidder is EXEMPTED under Deemed Export.

#### 4.3 When both foreign and domestic bidders 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, Assam Entry Tax and Insurance charges worked out as per Para 4.2 above and Total Value of the foreign bidder worked out as per Para 4.1 above 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 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.

5.0 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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**CHECK LIST****( A ) TECHNICAL 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 INDICATE THE MAKE & MODEL IN PART A AND SELECT "Yes" OR "No" TO THE QUESTIONS IN PART B , IN THE RIGHT HAND COLUMN.

Sl. No	DESCRIPTIONS	REMARKS
1	Whether Quoted as OEM and documentary evidence submitted?	YES / NO
2	Whether Quoted as Authorized Dealer of OEM and documentary evidence submitted?	YES / NO
3	Whether separately highlighted any deviation from NIT?	YES / NO
4	Whether detail specification of Optical Emission Spectrometer with manufacturer's technical literatures, catalogues enclosed?	YES / NO
5	Whether quoted for supply, installation & commissioning?	YES / NO
6	Whether Inspection Clause as mentioned in the NIT included in the bid?	YES / NO
7	Whether the quoted OPTICAL EMISSION SPECTROMETER is brand new?	YES / NO
8	Whether the equipment is of latest generation?	YES / NO
9	Whether the quoted equipment is suitable for testing of proposed analytical program for "Fe" range as mentioned in the NIT?	YES / NO
10	Whether the equipment is pre-calibrated?	YES / NO
11	Whether all literatures, documents etc. are in English?	YES / NO
12	Whether the bidder has ensured continuous supply of spare parts for next 10 years?	YES / NO

**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 Dealer / Distributor/Supply House of OEM. To Specify-	Yes / No

2.2	If quoted as Optical Emission Spectrometer OEM Dealer / Distributor/ Supply House, (a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / Distributor/ Supply House for the product offered ?	Yes / No
3.0	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details	
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 180 days from the date of closing of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance to tender Payment Terms ?	Yes / No
5.0	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
5.1	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
6.0	Whether Price submitted as per Price Schedule (refer Para 12.0 of BRC vide Annexure – II)?	Yes / No
7.0	Whether list of Recommended Spares for 2 years of operations with part No., quantity & unit rate quoted?	Yes / No
8.0	Whether quoted as per NIT (without any deviations)?	Yes / No
8.1	Whether quoted any deviation?	Yes / No
8.2	Whether deviation separately highlighted?	Yes / No
8.3	Whether indicated the country of origin for the items quoted?	Yes / No
8.4	Whether technical literature / catalogue enclosed?	Yes / No
8.5	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance ) ?	Yes / No
9.3	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?	

10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
10.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
10.3	For Indian Bidders only - Whether indicated import content in the offer?	Yes / No
10.4	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No
11.0	Whether all BRC/BEC clauses accepted ?	Yes / No
12.0	Whether quoted for Pre-Despatch Inspection Charges ?	Yes / No
12.1	Whether quoted for Training Charges ?	Yes / No
12.2	Whether quoted for Installation & Commissioning Charges ?	Yes / No
12.3	Whether quoted for Annual Maintenance Contract for 2 years, giving year wise break up ?	Yes / No
12.4	Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation/ Commissioning, Training & AMC (as applicable) are included in the prices quoted ?	Yes / No
13.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
13.1	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_

## **APPENDIX - A**

### PROPOSED ANALYTICAL PROGRAM for "Fe" range

SR.NO	ELEMENTS IN %	LOWER RANGE	HIGHER RANGE
1	Carbon	0.005	4.50
2	Silicon	0.001	6.00
3	Manganese	0.002	19.00
4	Sulphur	0.001	0.70
5	Phosphorus	0.001	1.20
6	Magnesium	0.001	0.10
7	Copper	0.001	8.00
8	Nickel	0.002	46.00
9	Tin	0.001	0.20
10	Molybdenum	0.001	11.00
11	Aluminium	0.001	3.00
12	Titanium	0.001	2.50
13	Vanadium	0.001	11.00
14	Chromium	0.002	35.00
15	Tellurium	0.001	0.10
16	Lead	0.001	0.25
17	Zinc	0.002	0.03
18	Antimony	0.001	0.10
19	Tungsten	0.001	19.00
20	Arsenic	0.002	0.10
21	Niobium	0.001	3.00
22	FERROUS	Reference	Reference

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