



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

Telephone No. (91-374) 2808793

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Email: mmfd1@oilindia.in; materials@oilindia.in; erp_mm@oilindia.in

Tender No. & Date : SDG 3500P17/09 dated: 06.01.2017

Tender Fee : INR 6,000.00 OR USD 100.00

Bid Security Amount : INR 22,000.00 OR USD 350.00

Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM

Period of Sale of Bid Documents : From 18.01.2017 to 01.03.2017; 15:30 Hrs(IST)

Bid Closing on : 08.03.2017 (at 11.00 Hrs. IST)

Bid Opening on : 08.03.2017 (at 14.00 Hrs. IST)

Bid Validity : Bid Should be valid for **90 days** from bid closing date.

Bid Bond Validity : Bid Bond Should be valid up to 07.09.2017

Performance Guarantee : Applicable @ 10% of Order value

Integrity Pact : Not Applicable

List of Annexures

Applicable : Annexure – I, II, III, IV

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No.	MATERIAL DESCRIPTION	QTY.	UOM
<u>10</u>	<p>A. Item Specification:</p> <p>A.1 Microprocessor controlled digital Flame Photometer for simultaneous measurement of Lithium, Sodium, Potassium, Calcium & Barium in solution, complete with inbuilt air compressor unit, filters, atomizer, burner and all other standard accessories. All the prices against the filters, atomizers, etc. should be clubbed in the main equipment.</p> <p>A.2 Features:</p> <p>a) Low temperature, single channel flame photometer</p> <p>b) Supplied with Li, Na, K, Ca and Ba filters</p> <p>c) Flame failure safety system</p> <p>d) Auto calibration feature</p> <p>e) Operate with LPG and natural gas</p> <p>A.3 Specification:</p> <p>a) Range of Operation:</p> <p>i. Li: 1 - 100 ppm</p> <p>ii. Na: 1 - 100 ppm</p> <p>iii. K: 1 - 100 ppm</p> <p>iv. Ca: 15 - 100 ppm</p> <p>v. Ba: 50 - 100 ppm</p> <p>b) Minimum Limit of detection:</p> <p>i. Li: 0.5 ppm</p> <p>ii. Na: 0.5 ppm</p>	01	No.

	<p>iii. K: 0.5 ppm iv. Ca: 15 ppm v. Ba: 50 ppm c) Repeatability: Better than 1% coefficient of variation for 20 consecutive samples. d) Linearity: Better than 2% for all the five cations. e) Aspiration rate: 3 to 6 mL/min or better f) Reading stabilization: approximately 10 seconds g) Display: LCD/LED digital display h) Power: 230V, AC, 50Hz i) Air Supply: oil and moisture free, 6 liters/min at 14 psi j) Fuel Supply: LPG or Natural gas</p> <p>A.4 Additional spares/accessories: Following additional spares/accessories are to be supplied along with each unit of equipment: a) Sample cups - 06 Nos. b) Sodium filter – 03 Nos. c) Potassium filter - 03 Nos. d) Lithium filter – 01 No. e) Calcium filter – 01 No. f) Barium filter – 01 No. g) Gas tubing 2 m length h) Air tubing 2 m length i) Natural Gas Regulator for fitting in LPG / Natural gas cylinder j) Calibration standards: 300 ml Calibration standard solutions for Li, Na, K, Ca & Ba each.</p> <p>B. Documentation:</p> <p>The bidder shall submit the following documents i) Along with the offer: 1) Technical literature/brochure of the offered product 2) Repair facilities available in India with their addresses 3) List of spares/consumables with part number and price list for two years trouble free operations of the equipment from the date of installation. The price of the consumables/spares will not be considered for bid evaluation. 4) Technical evaluation sheet for BRC/BEC and technical specifications & terms and conditions separately as per attached formats explicitly mentioning compliance / non-compliance/deviation and indicating relevant page no. of their bid to support the remarks/compliance. ii) Along with the supply of each unit of the equipment: 1) Hard copies as well as soft copies of operational and maintenance manuals- 01 set 2) Hard copies as well as soft copies Service and repair manual- 01 set 3) Necessary calibration certificate of the equipment</p>		
20	<p>A. Item Specification:</p> <p>A.1 Microprocessor controlled digital Flame Photometer for simultaneous measurement of Lithium, Sodium, Potassium, Calcium & Barium in solution, complete with inbuilt air compressor unit, filters, atomizer, burner and all other standard accessories. All the prices against the filters, atomizers, etc. should be clubbed in the main equipment.</p> <p>A.2 Features: a) Low temperature, single channel flame photometer b) Supplied with Li, Na, K, Ca and Ba filters c) Flame failure safety system d) Auto calibration feature e) Operate with LPG and natural gas</p> <p>A.3 Specification: a) Range of Operation: i. Li: 1 - 100 ppm ii. Na: 1 - 100 ppm iii. K: 1 - 100 ppm</p>	01	No.

	<p>iv. Ca: 15 - 100 ppm v. Ba: 50 - 100 ppm b) Minimum Limit of detection: i. Li: 0.5 ppm ii. Na: 0.5 ppm iii. K: 0.5 ppm iv. Ca: 15 ppm v. Ba: 50 ppm c) Repeatability: Better than 1% coefficient of variation for 20 consecutive samples. d) Linearity: Better than 2% for all the five cations. e) Aspiration rate: 3 to 6 mL/min or better f) Reading stabilization: approximately 10 seconds g) Display: LCD/LED digital display h) Power: 230V, AC, 50Hz i) Air Supply: oil and moisture free, 6 liters/min at 14 psi j) Fuel Supply: LPG or Natural gas</p> <p>A.4 Additional spares/accessories: Following additional spares/accessories are to be supplied along with each unit of equipment: a) Sample cups - 06 Nos. b) Sodium filter - 03 Nos. c) Potassium filter - 03 Nos. d) Lithium filter - 01 No. e) Calcium filter - 01 No. f) Barium filter - 01 No. g) Gas tubing 2 m length h) Air tubing 2 m length i) Natural Gas Regulator for fitting in LPG / Natural gas cylinder j) Calibration standards: 300 ml Calibration standard solutions for Li, Na, K, Ca & Ba each.</p> <p>B. Documentation:</p> <p>The bidder shall submit the following documents i) Along with the offer: 1) Technical literature/brochure of the offered product 2) Repair facilities available in India with their addresses 3) List of spares/consumables with part number and price list for two years trouble free operations of the equipment from the date of installation. The price of the consumables/spares will not be considered for bid evaluation. 4) Technical evaluation sheet for BRC/BEC and technical specifications & terms and conditions separately as per attached formats explicitly mentioning compliance / non-compliance/deviation and indicating relevant page no. of their bid to support the remarks/compliance. ii) Along with the supply of each unit of the equipment: 1) Hard copies as well as soft copies of operational and maintenance manuals- 01 set 2) Hard copies as well as soft copies Service and repair manual- 01 set 3) Necessary calibration certificate of the equipment</p>		
30	Installation & Commissioning of items to be supplied against item no: 10 & 20	02	AU

(A) General Notes for e-tender :

- 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 Amendment and Addendum.
- The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions. The details of items tendered can be found in the Item Data and details uploaded under Technical RFx.

3. Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
4. 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 or before 13:00 hrs (IST)** on the Bid Closing Date mentioned in the Tender.
 - a) Original Bid Security along with two duplicate copies of Bid Security.
 - b) Any other document which have been specified to be submitted in original.
5. Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.
6. 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. All the Bids must be Digitally Signed using "Class 3" digital certificate (*e-commerce application*) with organisation name 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.
8. Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
9. **Payment against Tender Fee should be made only through online mode and no other instrument (Cash/DD/Cheques/Cashier Cheque, etc) will be acceptable.**
10. **Against Bid Security/EMD/Performance Bank Guarantee – Only payments through online mode or Submission of Bank Guarantee/LC will be acceptable. No DD/Cheques/Cashier Cheque or any other mode will be acceptable**
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 OIL, failing which the offer will be summarily rejected.
12. 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.
13. 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 1st 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.

(B) Special Notes for Bidders :

1. The items shall be brand new, unused & of prime quality. Also, the bidder shall confirm to provide warranty that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 12 months from date of commissioning. The defected materials, if any, shall be replaced by the supplier at their own expense. The bidder must confirm the same while quoting.
2. The systems shall be complete in all respect with essential accessories required for immediate commissioning and smooth running of the equipment after receipt at Duliajan & Moran, Assam.

3. Installation & Commissioning and Training:

- a. The successful bidder shall install and commission one unit at Chemical Department, Duliajan and another unit at Moran Laboratory, Oil India Ltd., Assam, India by their competent service engineers within 15 days after receipt of advice from our end. The party shall demonstrate all specification and operation at the time of installation.
- b. The supplier shall replace defective parts if found any, during installation or during the warranty period. This replacement shall be done within a month's time at supplier's cost.
- c. Installation / commissioning & Training charges if any must be quoted separately on lump sum basis which shall also be considered for evaluation of the offers. **In case if charges are not quoted, it will be construed that installation & commissioning shall be done by your at free of cost.**

4.0 **Payment terms:** 80% payment will be made against supply of materials and balance 20% after satisfactory installation & commissioning at site along with the installation & commissioning charges. Bidders must confirm the same while quoting.

5.0 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 on import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to MM/GLOBAL/E-01/2005 attached. However, Indian bidders will not be issued Recommendatory Letter.

In the event of an order on indigenous bidder under deemed export scheme, OIL will issue Project Authority Certificate (PAC) and arrange for DGH Certificate as may be appropriate/applicable. Supplier shall effect dispatch only on receipt of these certificates from OIL, failing which all related liabilities shall be to Supplier's account.

5. Commercial Check-List vide Annexure- II and Evaluation matrix vide Annexure-IV shall be filled-up and submitted along with the offer.

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

The bids shall conform to the specifications and terms as well 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 shall be rejected.

A) BID REJECTION CRITERIA :

A.1 TECHNICAL:

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 shall be considered as non-responsive and rejected.

1.0 Bidder's Qualification:

1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of the tender item(s).

OR

1.2 The bidder shall be an authorized dealer / authorized distributor of an Original Equipment Manufacturer (OEM) of the tender item(s).

2.0 Bidder's Experience:

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

The bidder shall have the credential of successful execution of at least ONE order of Flame photometer in last FIVE (5) years preceding the original bid closing date of the tender.

In this regard, the bidder shall submit any one of the following document in combination with Purchase order in the technical bid.

(i) Copy of purchase order + invoice copy

OR

(ii) Copy of Purchase order + bill of lading

OR

(iii) Copy of Purchase order+ satisfactory Completion certificate from client

OR

(iv) Copy of purchase order + Satisfactory Installation/commissioning /Inspection report from the client

2.2 In case the bidder is an authorized distributor or an authorized dealer of an OEM, then the following clauses shall be satisfied by the bidder.

2.2.1 The OEM (the principal) of the bidder shall fulfil the experience criteria as mentioned in Para 2.1 above and submit any one of the relevant documentary evidence mentioned in Para 2.1 in the technical bid.

2.2.2 Additionally ,the bidder shall have the experience of successful execution of at least 01(one) order for Flame photometer during the period of last five (5) years preceding the original bid closing date of the tender .

In this regard, the bidder shall submit any one of the relevant documentary evidence mentioned in Para 2.1 in the technical bid.

2.2.3 Valid copy of authorization letter / dealership certificate with proper guarantee/warranty back up on the supplied item from the OEM (the principal) shall be submitted along with the technical bid.

A.2 FINANCIAL CRITERIA:

- 1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **US\$ 8,550.00 or Rs 5,55,000.00** during any of the preceding 03 (three) financial years reckoned from the original bid closing date of the tender.
- 2.0 "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the bid closing date.
- 3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year 2016 (As the case may be) has actually not been audited so far'.

Note:

- a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-
 - i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE III.
 - OR
 - ii) Audited Balance Sheet along with Profit & Loss account. In case of Foreign bidders, self-attested/digitally signed printed published accounts are also acceptable
- b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.
- 4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the

date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

A.3 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 Composite Bid System**. Bidders shall quote accordingly under Single Stage Composite Bid System.
- 2.0 **Bid security of US \$ 350.00 or Rs. 22,000.00** 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)). 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 07.09.2017**.
3. Validity of the bid shall be **minimum 90 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 18 months from the date of shipment/dispatch or twelve(12) months from the date of receipt of the items at site, 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. 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 the date of shipment/dispatch or twelve(12) months from the date of receipt of the items at site, whichever is earlier. 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:**
- (H) Total Value(F + G) :**
- (I) Total Value in words :**
- (J) Gross Weight :**
- (K) 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:**
- (K) Total value, (I+J) above :**
- (L) Total Value in words :**
- (M) Gross Weight :**
- (N) Gross Volume :**
- (O) Import Content, if any :**

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. Bidder shall accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:
 - i) Liquidated Damages
 - ii) Warranty/Guarantee of material
 - iii) Arbitration / Resolution of Dispute
 - iv) Force Majeure
 - v) Applicable Laws

(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 mentioned in Section D of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005.

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(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 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 :		
8.	Whether offered firm prices?	YES/NO	
9.	Whether quoted offer validity of 90 days from the date of closing of tender?	YES/NO	
10.	Whether quoted a firm delivery period?	YES/NO	
11.	Whether quoted as per NIT (without any deviations)?	YES/NO	
12.	Whether any deviation is there in the offer?	YES/NO	
13.	Whether deviation separately highlighted?	YES/NO	
14.	Whether agreed to the NIT Warranty clause?	YES/NO	
15.	Whether Price Bid submitted as per Price Schedule?	YES/NO	
16.	Whether indicated the country of origin for the items quoted?	YES/NO	
17.	Whether all the items of tender quoted?	YES/NO	
18.	Whether technical literature/catalogue/drawings enclosed?	YES/NO	
19.	For Foreign Bidders - Whether offered FOB/FCA port of dispatch including sea/air worthy packing & forwarding?	YES/NO	
20.	For Foreign Bidders – Whether port of shipment indicated? [To specify]	YES/NO	
21.	For Foreign Bidders only - Whether indicated ocean freight up to C&F Kolkata port (Excluding marine insurance)?	YES/NO	
22.	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	
23.	Whether weight & volume of items offered indicated?	YES/NO	
24.	Whether confirmed to submit PBG as asked for in NIT?	YES/NO	
25.	Whether agreed to submit PBG within 30 days of placement of order?	YES/NO	
26.	For Indian bidders – Whether place of dispatch indicated in the offer? [To specify]	YES/NO	
27.	For Indian bidders – Whether road transportation charges up to Duliagan quoted?	YES/NO	
28.	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	YES/NO	
29.	Whether quoted prices are exclusive of Excise duty?	YES/NO	
30.	For Indian bidders only – whether import content indicated in the offer?	YES/NO	
31.	For Indian Bidders only - whether all Taxes have been indicated categorically?	YES/NO	
32.	Whether all BRC/BEC clauses accepted?	YES/NO	

B. TO BE FILLED UP IN DETAIL:

Sl No	Requirement	Bidder's Reply
01	Make and Model of the Items quoted	
02	Bid validity quoted	
03	Payment Terms quoted	
04	Guarantee/Warranty Terms quoted	
05	Delivery Period quoted	
08	Port of Despatch / Despatching Station	
09	Confirm submission Integrity pact, if required as per NIT	
09	Deviations quoted, if any, to be given in details or refer to respective page of the bid documents	

Signature _____

Name _____

Designation _____

CERTIFICATE OF ANNUAL TURNOVER & NET WORTHTO BE ISSUED BY PRACTISING **CHARTARD ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD**TO WHOM IT MAY CONCERN**

This is to certify that the following financial positions extracted from the audited financial statements of M/s.....(Name of the bidder) for the last three (3) completed accounting years upto..... **(as the case may be)** are correct

YEAR	TURN OVER In INR (Rs.) Crores/ US \$ Million) *	NET WORTH In INR (Rs.) Crores / US \$ Million) *

*Rate of conversion (if used any): USD 1.00 = INR

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

***Applicable only for GLOBAL tenders**

Technical specification & Technical BRC Evaluation Matrix

Srl No.	Clause No of Tender Document/ BEC/BRC Technical Specification/ Scope of Work	Description Bidders Remarks Complied/ Not Complied/ Deviation	Bidder to indicate Relevant Page No of their Bid to support the remarks/ compliance
A.	Item Specification:		
A.1	Microprocessor controlled digital Flame Photometer for simultaneous measurement of Lithium, Sodium, Potassium & Calcium in solution, complete with inbuilt air compressor unit, filters, atomizer, burner and all other standard accessories. All the prices against the filters, atomizers, etc. should be clubbed in the main equipment.		
A.2	Features:		
	a) Low temperature, single channel flame photometer		
	b) Supplied with Li, Na, K, Ba and Ca filters		
	c) Flame failure safety system		
	d) Auto calibration feature		
	e) Operate with LPG and natural gas		
A.3	Specification:		
	a) Range of Operation:		
	i. Li: 1 - 100 ppm		

	ii. Na: 1 - 100 ppm		
	iii. K: 1 - 100 ppm		
	iv. Ca: 15 - 100 ppm		
	v. Ba: 50 - 100 ppm		
	b) Minimum Limit of detection:		
	i. Li: 0.5 ppm		
	ii. Na: 0.5 ppm		
	iii. K: 0.5 ppm		
	iv. Ca: 15 ppm		
	v. Ba: 50 ppm		
	c) Repeatability: Better than 1% coefficient of variation for 20 consecutive samples.		
	d) Linearity: Better than 2% for all the five cations.		
	e) Aspiration rate: 3 to 6 mL/min or better		
	f) Reading stabilization: approximately 10 seconds		
	g) Display: LCD/LED digital display		
	h) Power: 230V, AC, 50Hz		
	i) Air Supply: oil and moisture free, 6 liters/min at 14 psi		
	j) Fuel Supply: LPG or Natural gas		
A.4	Additional spares/accessories: Following additional spares/accessories are to be supplied along with each unit of equipment:		
	a) Sample cups - 06 Nos.		
	b) Sodium filter – 03 Nos.		
	c) Potassium filter - 03 Nos.		
	d) Lithium filter – 01 No.		
	e) Calcium filter – 01 No.		

	f) Barium filter – 01 No.		
	g) Gas tubing 2 m length		
	h) Air tubing 2 m length		
	i) Natural Gas Regulator for fitting in LPG / Natural gas cylinder		
	j) Calibration standards: 300 ml Calibration standard solutions for Li, Na, K, Ca & Ba each.		
B.	Documentation: The bidder shall submit the following documents		
i)	Along with the offer:		
	1) Technical literature/brochure of the offered product		
	2) Repair facilities available in India with their addresses		
	3) List of spares/consumables with part number and price list for two years trouble free operations of the equipment from the date of installation. The price of the consumables/spares will not be considered for bid evaluation.		
	4) Technical evaluation sheet for BRC/BEC and technical specifications & terms and conditions separately as per attached formats explicitly mentioning compliance / non-compliance/deviation and indicating relevant page no. of their bid to support the remarks/compliance.		
ii)	Along with the supply of each unit of the equipment:		
	1) Hard copies as well as soft copies of operational and maintenance manuals- 01 set		
	2) Hard copies as well as soft copies Service and repair manual- 01 set		
	3) Necessary calibration certificate of the equipment		

c.	Special Terms & Conditions:		
1	The items shall be brand new, unused & of prime quality. Also, the bidder shall confirm to provide warranty that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 12 months from date of commissioning. The defected materials, if any, shall be replaced by the supplier at their own expense. The bidder must confirm the same while quoting.		
2	The systems shall be complete in all respect with essential accessories required for immediate commissioning and smooth running of the equipment after receipt at Duliajan & Moran, Assam.		
3	The bidders must submit a written undertaking (along with the bid) that they would be able to supply all the requisite spares and consumables (including bought out items) for a minimum period of 10 (Ten) years from the Certified date of completion / successful commissioning of the unit.		
D.	Installation & Commissioning and Training:		
1	The successful bidder shall install and commission one unit at Chemical Department, Duliajan and another unit at Moran Laboratory, Oil India Ltd., Assam, India by their competent service engineers within 15 days after receipt of advice from our end. The party shall demonstrate all specification and operation at the time of installation.		

2	The supplier shall replace defective parts if found any, during installation or during the warranty period. This replacement shall be done within a month's time at supplier's cost.		
3	Installation / commissioning & Training charges if any must be quoted separately on lump sum basis which shall also be considered for evaluation of the offers. In case if charges are not quoted, it will be construed that installation & commissioning shall be done by your at free of cost.		

	<u>BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC)</u>		
(I)	BID REJECTION CRITERIA:		
(A)	TECHNICAL		
	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 shall be considered as non-responsive and rejected.		
1	Bidder’s Qualification:		
1.1	The bidder shall be an Original Equipment Manufacturer (OEM) of the tender item(s).		
	OR		
1.2	The bidder shall be an authorized dealer / authorized distributor of an Original Equipment Manufacturer (OEM) of the tender item(s).		

2	Bidder’s Experience:		
2.1	In case the bidder is an Original Equipment Manufacturer (OEM):		
	The bidder shall have the credential of successful execution of at least ONE order of Flame photometer in last FIVE (5) years preceding the original bid closing date of the tender.		
	In this regard, the bidder shall submit any one of the following document in combination with Purchase order in the technical bid.		
	(i) Copy of purchase order + invoice copy		
	OR		
	(ii) Copy of Purchase order + bill of lading		
	OR		
	(iii) Copy of Purchase order+ satisfactory Completion certificate from client		
	OR		
	(iv) Copy of purchase order + Satisfactory Installation/commissioning /Inspection report from the client		
2.2	In case the bidder is an authorized distributor or an authorized dealer of an OEM , then the following clauses shall be satisfied by the bidder.		
2.2.1	The OEM (the principal) of the bidder shall fulfil the experience criteria as mentioned in Para 2.1 above and submit any one of the relevant documentary evidence mentioned in Para 2.1 in the technical bid.		

2.2.2	Additionally ,the bidder shall have the experience of successful execution of at least 01(one) order for Flame photometer during the period of last five (5) years preceding the original bid closing date of the tender .		
	In this regard, the bidder shall submit any one of the relevant documentary evidence mentioned in Para 2.1 in the technical bid.		
2.2.3	Valid copy of authorization letter / dealership certificate with proper guarantee/warranty back up on the supplied item from the OEM (the principal) shall be submitted along with the technical bid.		