

IMPORTANT NOTE

BID DOCUMENT HAS BEEN DISPLAYED TO UNDERSTAND THE REQUIREMENT ONLY. PARTIES INTERESTED TO PARTICIPATE AGAINST THIS TENDER SHALL HAVE TO PURCHASE THE TENDER DOCUMENTS FROM ANY OF OIL'S DESIGNATED OFFICES GIVEN BELOW.

BID DOCUMENTS (NON- TRANSFERABLE) CAN BE PURCHASED TILL ONE DAY PRIOR TO THE RESPECTIVE BID CLOSING DATE ON PAYMENT OF TENDER FEE (NON-REFUNDABLE) OF US\$ 100.00 OR RS. 4,500.00 (EXCEPTING PSUS AND SSI UNITS) FROM:

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- (A) HEAD - MATERIALS,
OIL INDIA LIMITED,
P.O. DULIAJAN,
ASSAM - 786602
 - (B) HEAD - CALCUTTA BRANCH,
OIL INDIA LIMITED,
4-INDIA EXCHANGE PLACE,
KOLKATA - 700001
 - (C) SENIOR ADVISER (CONTRACT & PURCHASE),
OIL INDIA LIMITED
PLOT NO.19, SECTOR - 16A
NOIDA - 201301
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PROOF OF PURCHASE OF TENDER DOCUMENTS MUST BE SUBMITTED ALONG WITH THE OFFER, FAILING WHICH OFFERS WILL BE TREATED AS UNSOLICITED.

Oil India Limited
(A Govt. of India Enterprise)
P.O. Duliajan – 786602, Assam
Fax No. 91-374-2800533, E-mail : material@oilindia.in

Tender No. & Date : DFD0291P09/09 01.09.2008

Tender Fee : INR 4,500.00 OR USD 100.00
Bid Security Amount : INR 120,000.00 OR USD 2,750.00
(or equivalent amount in any currency)

Bidding Type : Single Bid (Composite Bid)

Bid Closing on : 10.12.2008 at 13:00 hrs. (IST)
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Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below :

Item No. / Mat. Code	Material Description	QTY.	UOM
10 OC000295	<p>MASS SPECIFIC DETECTOR FOR PERKINELMER GC-ATD (Automated Thermal Desorption) INSTRUMENT</p> <p>The specifications of various components of the Mass Specific Detector are as follows:</p> <ol style="list-style-type: none"> 1. Mass Analyzer: Quadrupole Mass Analyzer with prefilter. 2. Mass Spectrometer should have operating Mass Range: 1 - 1200 amu. 3. Ionization Mode: EI with variable voltage 10 - 100 eV with PCI+ & NCI-. 4. Ion source temperature should have independent heating facility. Range up to 350°C or above. 5. Vacuum Pump: 250 L/sec (nitrogen) air-cooled turbo molecular pump (should have best-in-class helium pumping capacity) , pump-down time 250 L/sec turbo molecular pump: less than 90 minutes for quantitative stability 6. Mass stability: ± 0.1 m/z mass accuracy over 48 hours 7. Scan Rate: Fully variable up to 6000 Da/sec. or above. 8. Linear Dynamic Range: Electronic: 10⁶-10⁷ depending on acquisition rate 9. GC transfer line direct capillary interface settable from 50 °C to 350 °C 	1	No.

	<p>10. Source Temperature settable from 50 °C to 350 °C</p> <p>11. System should have facility to perform a Selected Ion Monitoring (SIM) Scan and Full Scan mode simultaneously.</p> <p>12. Scan rate should be fully variable</p> <p>13. Maximum Up to 60 scans/second full scan, depending on mass range acquisition rate Up to 90 samples/second, selected ion monitoring (SIM)</p> <p>14. Scan functions/run 30 sets (full scan/SIM) of 32 ions per function</p> <p>15. Long life sealed Photomultiplier Detector.</p> <p>16. Sensitivity: Test Amount Detection Limits (S/N)</p> <ul style="list-style-type: none"> i. EI full scan 1 pg of octafluoronaphthalene 180:1 RMS ii. Positive CI full scan 100 pg of benzophenone 300:1 RMS iii. Negative CI full scan 1 pg octafluoronaphthalene 4500:1 RMS <p>17. <u>Data station:</u></p> <p>a) For control, operation, on line viewing and data processing of the hyphenated system comprising of the ATD, Head space analyzer, Gas chromatograph and the Mass spectrometer. The data system should have top of the line hardware with 19 inch flat panel LCD monitor, color laser printer, DVD writer, 2 GB RAM, 120 GB HDD etc. The system should be provided with Windows® XP Service Pack 2, 2nd Network Card for connection to existing network. For external data storage, processing and report generation, a high end portable system with Core 2 Duo 2.5GHz, 4GB RAM, 250GB HDD, Blue tooth mouse & Vista Business (tablet PC model Sony VGN-SZ791N/X or equivalent) should be provided.</p> <p>b) Software should be windows XP operative system with auto tune User selectable: standard or custom tuning.</p> <p>c) The data station should be provided with necessary Mass Software for Data processing and NIST Mass Spectral Library for search.</p> <p>18. Programmable Split/Split less Injector with Programmable Pneumatic Control and Pre Vent accessory. The system should have FID for simultaneous operation of the FID and the Mass Specific Detector and all necessary hardware and software for the same.</p> <p>19. Should have Long Heated Transfer line for ATD: Length 1800 mm for operation up to 300°C</p> <p>20. Column: (i) Low bleed 30m x 0.25mm ID 0.25u 5 MS - 1 no. (ii) Low bleed 100m PONA column - 1 no. (iii) Low bleed 30m X 0.25mm ID polar column for aromatic and similar hydrocarbon.</p>		
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	21. UPS : Specifications are as per requirement to run ATD-GC-MSD-Data station simultaneously. Its capacity preferably 7.5 KVA single phase (230V, 50Hz) UPS with a 30 minutes power back up at full load.		
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Item Notes :

- a) System should be upgradeable at site for future applications.
- b) Printed documents in support of claimed specification should be provided.
- c) Factory Test Certificates with respect to various parameters which cannot be demonstrated at site must be enclosed.
- d) The complete instrument including UPS 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. During warranty period, the supplier should provide any spares required for making the instrument operational.

General Notes for Bidders.

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

- 1.0 Bids are invited under Composite Bid System. Bidder should comply with submission procedure mentioned in General Terms & Conditions of Global Tender (MM/GLOBAL/01/2005).
- 1.1 Bid Rejection Criteria (BRC) and Bid Evaluation Criteria (BEC) applicable to this tender is enclosed vide **Annexure- I**.
- 1.2 Technical Check-list and Commercial Check-list vide **Annexure- II** must be filled-up and submitted along with the Bid.
- 1.3 The quotation must submitted in triplicate and accompany relevant original catalogue, literature, and drawing illustrating all components failing which the offer will be liable for rejection.
- 1.4 One (1) set each of Operating & Service Manual (in English) the offered item are to be supplied along with the supply in the event of order. Bidder to confirm the same in their bid.
- 2.0 The items shall be brand new, unused & of prime quality. Bidder shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications.
- 3.0 Spares list (recommended spares) for whole unit for 2 (two) years trouble free operation and maintenance must be quoted in their bids. While quoting for these spares the bidders must take in to account the consumption pattern of the spares as deemed fit. The spares list shall contain the details about the part numbers, name of manufacturer, quantity, individual prices and list of possible sources for all the spares quoted. However, the cost of these spares **will not be considered** for bid evaluation purpose.
- 3.1 Bidders are to indicate the name of manufacturer of each item and country of origin of the offered items and port of shipment.
- 4.0 Bidder, if not a manufacturer, must submit along with the quotation a letter of authorization (in original) with warranty back-up from OEM to sell their products to "OIL INDIA LIMITED" and a letter of undertaking from the original manufacturer to make spares available for the item quoted for next 10 years.

- 4.1 Bidders must submit a written undertaking 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 field commissioning of the unit. Original Equipment Manufacturer's undertaking must be forwarded for the items not manufactured by the bidder.
- 5.0 INSTALLATION / COMMISSIONING AND TRAINING :
- 5.1 Successful bidder will be required to install and commission the Mass Specific Detector along with the ATD system of Perkin Elmer at R&D Department, Oil India Ltd. Duliajan, Assam, India by their competent service engineer. The supplier's service engineer must demonstrate the performance of the systems along with the ATD.
- 5.2 The installation and commissioning to be completed within four weeks of arrival of the complete system at Duliajan, Assam, India. The complete system should become operational immediately after commissioning. Total Nos. of days required for commissioning shall also be clearly indicated by the bidders.
- 5.3 Two scientific staff of OIL to be trained for the operation, application and trouble shooting of the system along with the ATD after installation at site for 5 working days after the successful installation and commissioning of the complete system to OIL's satisfaction..
- 5.4 Installation/ Commissioning and Training charges must be quoted separately on lumpsum basis (and should not be clubbed together with main item) which shall be considered for evaluation of the offers. While quoting Installation / commissioning and Training charges, bidders should take into account all charges including to & fro fare, boarding / lodging, local transport at Duliajan and other daily expenses of the commissioning personnel. OIL may provide accommodation on Chargeable basis subject to availability.
- 6.0 ANNUAL MAINTENANCE CONTRACT :
Bidders must submit a written undertaking that they would be able to provide Annual Maintenance Contract (AMC) services for supplied system along with the ATD, after initial warranty period. Charges for Annual Maintenance Contract (AMC) after the warranty period up to 2 (two) years, with year wise break up, must be quoted separately which shall be considered for evaluation of the offers. However, Number of years for which AMC will be availed will be at OIL's discretion. The scope for AMC will be as under:
During the Annual 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 Annual maintenance contract period will be provided by OIL.
- 6.1 While quoting AMC charges above, bidder should take into account all charges as mentioned in Para 5.4 above. Bidder should confirm about providing all these services in their Bid. However, OIL reserves the right to avail such services at its own discretion.
- 7.0 The bidders must submit a written undertaking that they would be able to provide Commissioning, Training and AMC services as mentioned above. The responsibility for providing the servicing during warranty and Annual Maintenance Contract (AMC) period should lie with the supplier irrespective of any change in Indian agency, if applicable.
- 7.1 Failure on the part of the bidder to confirm the above will be treated as non-responsive and liable for rejection.

7.2 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 on the value of the Services rendered by the Bidder /Seller in connection with installation, commissioning, training etc. shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

8.0 **Payment** : Payment shall be released as follows:

- i) 80 % of the order value shall be paid against dispatch / shipment of the goods.
- ii) Balance 20 % of the order value along with the commissioning charges shall be paid after successful commissioning and acceptance of the item by OIL.
- iii) Payment for Training/ Mentoring shall be released after successful completion of the same.
- iv) Payment against AMC charges shall be made on **quarterly** basis against the invoice(s) to be submitted by the bidder at the end of each quarter.

OIL may also consider 100 % payment against shipment / despatch document provided bidder agree to pay the interest for 20 % of order value and also submit Bank Guarantee equivalent to 20 % of the order value in addition to the Performance Security of 10 %.

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.

- 9.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.
- 10.0 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 MM/GLOBAL/01/2005 enclosed.
- 11.0 Oil India Purchase Order No. and manufacturer's name have to be engraved on the body of the item. All test reports shall be forwarded along with the supply. Bidder must confirm the same categorically while quoting.
- 12.0 Bid Security Clause No. 9.8.2 (under Exemption of Bid Security) of Section A of the General Terms & Conditions for Global Tender (Refer Document No. MM/GLOBAL/01/2005) stands deleted.
- 13.0 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 (BRC) / Bid Evaluation Criteria (BEC) 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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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 Mass Specific Detector should be fully compatible with the Perkin Elmer ATD system in all respect including hardware and software compatibility.
- 2 Bidder must have either a service center in India or must have OEM / Factory trained service engineer stationed in India to provide after sales services for the quoted Mass Specific Detector.
- 3 Bidders must submit a written undertaking that they would be able to provide Installation/ Commissioning, Training & AMC as per the tender.

(B) COMMERCIAL :

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

- 1.0 Bids are invited under **Composite Bid System**. Bidders shall quote accordingly under Composite Bid System. Any bid not complying with submission procedure mentioned in Para 12.0 of Section A of General Terms & Conditions of Global Tender (MM/GLOBAL/01/2005) will be rejected.
- 2.0 **Bid security of US \$ 2,750.00 or Rs. 1,20,000.00** 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 vide MM/GLOBAL/01/2005(enclosed). The Bid Security shall be valid for 180 days from the date of bid opening.
- 3.0 Validity of the bid shall be minimum 120 days from the Bid closing date. Bids with lesser validity will 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 receipt/acceptance of goods or 18 months from the date of shipment whichever is earlier. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

6.0 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 Value including commissioning spares, if any
- (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) Installation & Commissioning
- (H) Training Charges
- (I) AMC Charges
- (J) Total Value, (F + 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 including commissioning spares, if any
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value (A +B) above
- (D) Excise Duty with Education Cess, (Please indicate applicable rate of Duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station price (C + D + E) above
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges
- (I) Assam Entry Tax
- (J) Total FOR Duliajan value (F + G + H + I) above
- (K) Installation & Commissioning
- (L) Training Charges
- (M) AMC Charges
- (N) Total Value, (J + K + L + M) above
- (O) Total value in words :
- (P) Gross Weight :
- (Q) Gross Volume :

Note :

- 1) Cost of individual items must be quoted separately.
- 2) Since the materials covered by this tender will be used by OIL in the PEL/ML areas issued/renewed after 01/04/99, hence applicable Customs Duty for import of goods shall be ZERO and indigenous bidders shall be eligible for Deemed Export.

(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 of Global Tender (MM/GLOBAL/01/2005) .

ANNEXURE - II

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 TICK MARK 'YES' OR 'NO' TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

(A) TECHNICAL CHECK LIST:

Sl. No.	Requirement	Compliance
1.	Whether the Mass Specific Detector is fully compatible with the Perkin Elmer ATD-GC-HS system in all respect including the software and the hardware?	Yes/No
2.	Whether the system will have Quadrupole Mass Analyzer with pre-filter with mass range of 1-1200 amu?	Yes/No
3.	Whether Vacuum system will have a Turbo molecular pump of capacity 250 L/sec (nitrogen) air-cooled type?	Yes/No
4.	Whether the length the GC transfer line is 1800mm and whether the temperature of the same is settable from 50 °C to 300°C?	Yes/No
5.	Whether the system can perform a Selected Ion Monitoring (SIM) Scan and Full Scan mode simultaneously?	Yes/No
6.	Whether the data system can be used for control, operation, on line viewing and data processing of the hyphenated system comprising of the Perkin Elmer ATD, head space analyser, gas chromatograph and the mass specific detector?	Yes/No

Offer Ref : _____ Dated _____

OIL's Tender No. _____ Signature _____

For & on behalf of _____ Designation _____

(B) COMMERCIAL CHECK LIST

Sl#	REQUIREMENT	COMPLIANCE
1.	Whether Original Signed quotation submitted ?	YES/NO
2.	Whether Fax / E-mail quotation submitted ? FAX / E-MAIL offer not acceptable.	YES/NO
3.	Whether 3(three) copies of quotations submitted ?	YES/NO
4.	Whether quoted as manufacturer ?	YES/NO
5.	Whether quoted as Supply House / Distributor. To Specify :	YES/NO
6.	If quoted as Supply House / Distributor,	
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Supply House for the product offered ?	YES/NO
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted	YES/NO
7.	Whether bid submitted under Two Bid System ?	YES/NO
8.	Whether ORIGINAL Bid Bond (not copy of Bid Bond) enclosed with the offer? If YES, provide details	YES/NO
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
9.	Whether offered firm prices ?	YES/NO
10.	Whether quoted offer validity of 4 months from the date of closing of tenders?	YES/NO
11.	Whether quoted a firm delivery period?	YES/NO
12.	Whether quoted as per NIT (without any deviations) ?	YES/NO
13.	Whether any deviation there in the offer ?	YES/NO
14.	Whether deviation separately highlighted ?	YES/NO
15.	Whether agreed to the NIT Warranty clause ?	YES/NO
16.	Whether Price Bid submitted as per Price Schedule(refer Para 6.0 of BRC vide Annexure – I)	YES/NO
17.	Whether Recommended Spares with price for 2 years of quoted ?	YES/NO
18.	Whether all the items of tender quoted?	YES/NO
19.	Whether indicated the country of origin for the items quoted ?	YES/NO
20.	Whether technical literature / catalogue enclosed?	YES/NO
21.	Whether confirmed that all spares & consumables will be supplied for a minimum period of 10 years ?	YES/NO
22.	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
23.	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding ?	YES/NO
24.	For Foreign Bidders – Whether port of shipment indicated. To specify:	YES/NO
25.	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	
26.	Whether Indian Agent applicable ?	YES/NO

	If YES, whether following details of Indian Agent provided ?	YES/NO
	(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
27.	Whether weight & volume of items offered indicated ?	YES/NO
28.	Whether confirmed to carry out Installation & Commissioning of the equipment at Duliajan(Assam) ?	YES/NO
29.	Whether Installation & Commissioning charge applicable ?	YES/NO
30.	If Installation & Commissioning charges applicable, whether separately quoted on lumpsum basis?	YES/NO
31.	Whether confirmed to carry out Training at Duliajan(Assam) ?	YES/NO
32.	If Training charges applicable, whether separately quoted on lumpsum basis?	YES/NO
33.	Whether AMC charges (year wise) quoted.	YES/NO
34.	Whether to & fro air fares, boarding/lodging of the commissioning personnel at Duliajan, Assam(India) included in the quoted charges ?	YES/NO
35.	Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation & Commissioning are included in the prices quoted ?	YES/NO
36.	Whether confirmed to submit PBG as asked for in NIT ?	YES/NO
37.	Whether agreed to submit PBG within 30 days of placement of order ?	YES/NO
38.	For Indian bidders – Whether place of dispatch indicated in the offer ? To specify :	YES/NO
39.	For Indian bidders – Whether road transportation charges up to Duliajan quoted ?	YES/NO
40.	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges ?	YES/NO
41.	For Indian Bidders only - Whether offered Deemed Export prices ?	YES/NO
42.	Whether quoted prices are exclusive of Excise duty ?	YES/NO
43.	For Indian bidders only – whether import content indicated in the offer ?	YES/NO
44.	For Indian Bidders only - whether all Taxes have been indicated categorically ?	YES/NO
45.	Whether all BRC/BEC clauses are accepted ?	YES/NO

Offer Ref Dated

OIL's Tender No..... Signed

For & on behalf ofDesignation

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