



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

Telephone No. (91-374) 2808720

Fax No: (91-374) 2800533

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

Tender No. & Date : SDG 2155P17/09 dated: 16.08.2016

Tender Fee : **INR 6,000.00 OR USD 100.00**

Bid Security Amount : **INR 152,700.00 OR USD 2,261.00**

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

Period of Sale of Bid Documents : **From 24.08.2016 to 19.10.2016 ; 15:30 Hrs(IST)**

Bid Closing on : **26.10.2016 (at 11.00 Hrs. IST)**

Bid Opening on : **26.10.2016(at14.00 Hrs. IST)**

Bid Validity : Bid Should be valid for 120 days from bid closing date.

Bid Bond Validity : Bid Bond Should be valid up to **24.05.2017**

Performance Guarantee : **Applicable @ 10% of Order value**

Integrity Pact : **Applicable**

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No.	MATERIAL DESCRIPTION	QT Y.	UO M
----------	----------------------	----------	---------

<p><u>10</u></p>	<p>Vertical Vacuum Degassers as per the following minimum specifications for each unit:</p> <p>1) SCOPE:</p> <p>Supply, Installation and commissioning of vacuum type Degasser along with all accessories</p> <p>2) GENERAL FEATURES:</p> <p>The equipment will be suitable for operation in oil field conditions, having drilling fluid temperature up to 90 degree centigrade.</p> <p>I. Degasser tank, vacuum pump & motor, which will form a complete unit will be mounted on an oil field skid.</p> <p>II. The complete assembly (internally and externally both) should be grit blasted to SA 2 1/2 (white metal finish), primed with zinc and finish coated with 2 to 3 coats of polyurethane paint.</p> <p>3) TECHNICAL SPECIFICATIONS:</p> <p>I. Mud handling capacity: 1000 GPM at 75 ft head (Minimum)</p> <p>II. Specific gravity of mud: 1.05 - 2.20 (Minimum)</p> <p>III. Vacuum pump</p> <p>a) Maximum vacuum rating desired 8" to 15" (203 to 381 mm) of mercury for maximum lift of 3 meters.</p> <p>b) Single stage vacuum pump belt driven complete with 5 HP flame proof and weather proof AC motor 415 volts, 50 Hz, three phase & 1500 RPM. Permissible variation in voltage is +/-6% and permissible variation in frequency is +/-3%. Cable termination will be through flame proof glands of suitable size.</p> <p>IV. The features of Degasser</p> <p>i. Vertical type cylindrical Vessel: - Cylindrical vessel fabricated out of MS Sheet free from flaws and defects & fitted with following accessories</p> <p>a. Safety valve as per manufacturers design.</p> <p>b. Float regulated liquid level in the de-gasser chamber.</p> <p>c. A vacuum pressure gauge with cock 1" (25.4mm) to be provided at a suitable visible place and having a capacity</p>	<p>02</p>	<p>Nos .</p>
------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------	------------------

	<p>to record vacuum of 0" to 30" (0 - 760 mm) of mercury</p> <p>d. Float operated three-way valve to vacuum vessel to avoid vacuum pump to overfill or dry.</p> <p>e. 1 Inch (25.40 mm) vacuum lines with float valve and all required fittings.</p> <p>f. Baffles: a thin MS / fibre glass plate of adequate thickness inside the vessel and providing sufficient surface area for release of entrapped gas.</p> <p>ii. Low pressure jet of 1 ½" (38 mm) nozzle to be provided on 6" (152 mm) discharge line.</p> <p>V. API 8" x 6" (203 mm x 152 mm) suction / discharge flange connections along with companion flanges and required fasteners.</p> <p>VI. Dimensions: Length and width to be as per manufacturer's design. However height cannot be greater than 80 inches.</p> <p>VII. Vacuum pump and vessel should be suitable for H₂S gas also.</p> <p>4) MOUNTING FRAME:</p> <p>The mounting frame should be designed for maximum rigidity and sturdiness, reinforced with lifting eyes (oil field skid) fabricated out of high-grade structural steel and free from flaws and defect. The complete assembly should be mounted on rugged oil field type self loading skid, with dimensions of the skid not exceeding 3.5 m long x 3.5 m width, and should be grit blasted to SA 2 ½ (white metal finish), primed with zinc and finish coated with 2 to 3 coats of polyurethane paint.</p> <p>5) DETAILS OF MOTOR:</p> <p>Flame proof / explosion proof (Type Ex-d) squirrel cage induction motor suitable for Zone 1 & Gas group IIA and IIB and confirming to IS/IEC : 60079-1 or equivalent standard of the country of export.</p> <p>Horse Power Rating - 5 HP</p> <p>Voltage Rating - 415 Volts ±5%</p> <p>Frequency - 50 Hz ±3%</p> <p>No. of Phases - 3 (three)</p> <p>Insulation Type - "B"</p> <p>Enclosure Protection - IP 55</p> <p>R.P.M. - 1500</p> <p>Frame Size - To be specified by bidder</p> <p>Ambient Temperature - 55 Deg. Centigrade</p> <p>Relative Humidity - 95%</p> <p>Temperature Class - T3</p>		
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--

	<p>The motor should incorporate studs for earth connection. The motor should be provided with suitable FLP double compression cable glands.</p> <p>6) DETAILS OF STARTER:</p> <p>DOL Starter, suitably rated, in a Flameproof/explosion proof (Type Ex-d) enclosure. Bidder to indicate details for the components used in starter panel (like contactor, overload relay, any other protective device used, fuses, switches, etc.) indicating its make & ratings. The starter should incorporate studs for earth connection.</p> <p>The starter should be provided with suitable FLP double compression cable glands.</p> <p>7) SPARES:</p> <p>List of 2-years operational spares to be furnished.</p> <p>8) INSTALLATION & COMMISSIONING:</p> <p>All the materials required for installation and commissioning shall be supplied along with equipment. The equipment shall be installed and commissioned to the satisfaction of Oil India Limited.</p>		
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--

(A) GENERAL NOTES FOR E- TENDER:

- 1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.
- 2.0 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 the Bid Closing Date and Time mentioned in the Tender.
 - a) **Original Bid Security along with duplicate copies of Bid Security.**
 - b) **Any other document which have been specified to be submitted in original.**
- 3.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

- 4.0 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical Rfx Response-> User - > Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical Rfx Response-> User - > Technical Bid only. The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under "Notes & Attachments"
- 5.0 PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.
- 6.0 All the Bids must be Digitally Signed using "Class 3" digital certificate (*e-commerce application*) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3" digital certificate, will be liable for rejection.
- 7.0 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.

(B) GENERAL NOTES

- 1.0 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/E-01/2005 attached. However, Indian bidders will not be issued Recommendatory Letter.
- 2.0 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 OIL, failing which the offer will be summarily rejected.
- 3.0 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). 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.
- 4.0 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 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.

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

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

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

(C) Special Notes For Bidders:

- 1.0 The items shall be brand new, unused & of prime quality. The manufacturer 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. This clause shall be valid for 18 months from date of shipment or 12 months from date of commissioning of the items, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.
- 2.0 Degasser shall be suitable for operation in oilfield conditions having operating fluid temperature up to 90 degree centigrade.
- 3.0 Degasser shall be suitable for onshore application & for use with all types of water or oil based drilling fluids such as XC-Polymer-PAC; Resinex - Sulphonate Asphalt Mud System, KCL-PHPA Polymer mud system, Low solid non-dispersant mud system, etc.
- 4.0 Motor shall be explosion proof (Type Ex-d), Squirrel cage Induction Motor, with sealed bearings & suitable for 415 V AC, 50 Hz, 3 - phase power supply at 55 degree centigrade ambient & 90% relative humidity, and outdoor application (IP 55 rated). Motor should not be loaded above 90% of its continuous rating when the unit is running at its maximum output.
- 5.0 Motor shall be operated through a separate suitably rated, electrical, explosion proof, flame proof (Type Ex-d) , water & weather proof (IP 55 rated) starter fixed to the unit with push buttons (ON / OFF & O/L RESET).
- 6.0 Motor installation: Motor shall be suitably located on Degasser & starter installed in a water & weatherproof box to avoid mud splashes. Motor foundation bolts shall be of such designed & made up of material to avoid shearing off / breakage during normal operation.
- 7.0 Certification / Approval:
 - a) All Electrical / Electronic equipment on the degasser skid shall be CIMFR (or equivalent) certified and DGMS (India) approved for use in Zone 1 & 2 Hazardous areas of oilfields, Gas Groups 2A and 2B, Temperature Class T3. The CIMFR certificate number and DGMS approval number shall be affixed or embossed on each piece of such equipment.

- b) In case DGMS approved electrical / electronic equipment is not available, the same may be supplied with DGMS field trial permission certification. The field trial may be carried out in any E&P company operating in India or during the use of the item for which it is procured. Bidder has to indicate in the bid if he is offering certified and approved electrical equipment, or supplying equipment with field trial permission.
- c) The payment of DGMS approved electrical / electronic equipment will be as per normal terms and conditions of the order. However, payment for the electrical / electronic equipment supplied with DGMS field trial permission shall be to the extent of 50% of the cost of the equipment against dispatch / shipping documents. The balance 30% shall be made on submission of DGMS approval letter and 20% against successful commissioning with DGMS approval letter. Bidders to quote the price of the electrical / electronic equipment separately for which DGMS approval is not available.
- d) Bidder should indicate clearly if he is providing copies of CIMFR certificates and DGMS approval along with technical bid, or with supply.

8.0 Bidder must provide detailed specifications of the offered product and should forward relevant Catalogue and Literature (in printed form, not in computer media such as floppies or CDs) indicating the quoted items, General and Sectional drawings of degasser with skid indicating all major dimensions and for motor detailed dimensional drawing including terminal box connections and wiring drawing along with the quotation.

9.0 Bidder to confirm regarding the product / service support along with un-interrupted and timely supply of spare parts for at least 10 years for the offered model. Moreover, bidder should forward a list of recommended spares for two (02) years operation for the quoted items indicating part numbers, quantity & unit price separately along with the quotation in the commercial bid and categorically confirm the same in the technical bid (price should not be mentioned in the technical bid). However the cost of these spares will not be considered for bid evaluation purpose. The price should remain valid for at least two (02) years.

10.0 Markings: Following information shall be engraved / embossed:

- a) On main body of Degasser - Manufacturer's name & address, Model, Serial No. & Year of manufacture, Motor HP / RPM / Volts / Hz, Full load ampere, overall dimensions, Weight & OIL's purchase order number (In the event of an order).
- b) DGMS approval identification marking shall be engraved / embossed on starter.
- c) Bidders shall confirm compliance to the same while quoting.

11.0 In the event of order the supply must include two sets of operational, maintenance and service manuals with exploded views, spare parts manual / catalogue indicating all parts with quantity & part numbers. Bidder should categorically confirm while quoting.

12.0 The Bidder should indicate the dimensions and weight of the offered model of degassers, the name of the manufacturer, the country of origin and port of dispatch of the materials.

13.0 Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.

- 14.0 Bidders are to quote for all the items as indicated in the NIT.
- 15.0 Bidder to sign and submit completely filled up Technical & Commercial Check list, Technical Evaluation Matrix for Bid evaluation criteria and Technical specification.
- 16.0 The supplier shall categorically confirm that the compatibility of all items offered has been thoroughly scrutinized and verified for smooth and trouble-free operation of the Vertical Vacuum Degasser to avoid unwarranted hitches during commissioning. The unit should be mounted on a non-adjustable, rugged, oilfield type skid and should fit in the area indicated in the enclosed mud tank layout with minimum modifications of the tank top.
- 17.0 **Installation & Commissioning :**
- a) Bidders should categorically confirm that Installation & Commissioning of the Vertical Vacuum Degassers would be carried out by their competent personnel at OIL's designated drill site, in Duliajan, ASSAM, INDIA upon receipt of the unit at Duliajan.
 - b) The installation and commissioning charges inclusive of service tax to be quoted separately and would be considered for evaluation of the offer. These charges should include amongst others to and fro fares, boarding / lodging, local transport at Duliajan and other expenses of supplier's commissioning personnel during their stay at Duliajan, Assam (India). However, the basic facilities required for installation & commissioning such as to & fro transportation to site from Duliajan, Crane service, electric power, water supply, pressurized air and welding & cutting set shall be provided by OIL. Rig-up at designated site will be the responsibility of OIL but, supplier should provide the supervisory assistance by deputing their competent personnel.
 - c) Commissioning shall be completed within 4 (four) months after receipt of all the items at Duliajan.
- 18.0 **Delivery Clause:** "Bidder should categorically confirm in the technical bid a delivery schedule within nine (09) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within nine (09) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected."

BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC)**I. BID EVALUATION CRITERIA –TECHNICAL:**

The bids shall broadly conform to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the items offered do not conform to 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 and conditions, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.

1. The Items shall be manufactured & tested as per relevant API norms as specified in the Tender (IF APPLICABLE). Bidder must confirm.

2. Experience:

- A. MANUFACTURERS EXPERIENCE: IN CASE THE BIDDER IS THE MANUFACTURER:

If the bidder is a manufacturer of the offered item(s), then they must satisfy the following criteria for manufacturing and supply experience and furnish the relevant documentary evidences as per below along with the technical bid:

- i. They must have an experience of minimum 5 (Five) years in manufacturing the quoted item(s) under relevant API certification as on the original bid closing date of the tender. Copies of relevant API certificates (having API authorization(s) for the item(s) mentioned in the tender) for the last 5 (Five) years (i.e. continuous without having any break in between) shall be submitted along with techno-commercial bid. Bids without copies of valid relevant API certificates or with break(s) in between will be rejected.
- Note:** The above clause will be applicable only for those item(s) manufactured under API certifications, as specified in the tender.
- ii. The bidder should have manufactured and supplied minimum 50% quantity (to be rounded to next higher whole figure) of the tendered items, of same or higher capacity and same or higher sizes, to any E&P companies/Drilling Contractors/Drilling service providers during last 5 (five) years as on original bid closing date of the tender (either by themselves or through their sole selling agent/distributor/dealer/supply house). Documentary evidence in respect of manufacturing and supplying the above mentioned items should be submitted with the technical bid, in the form of copies of relevant Purchase Orders (PO date should be within the last 05 years) along with copies of any of the following documents in respect of satisfactory execution of each of those Purchase Orders failing which the bids will be rejected:

- I. Satisfactory Inspection Report (OR)
- II. Satisfactory supply completion/installation report (OR)
- III. Bill of Lading, Invoice etc. (OR)
- IV. Consignee receipt delivery challan (OR)
- V. Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat. (OR)
- VI. Commercial Invoice/ Payment Invoice

B. IN CASE THE BIDDER IS NOT A MANUFACTURER:

If the bidder is a sole selling agent / distributor / dealer / supply house of any manufacturer, then bidder must furnish the following documents along with the technical bid failing which the bids will be rejected:

- I. Authorization certificate from the manufacturer (in original on manufacturer's letter head) should be submitted along with the technical bid. This certificate should be valid at the time of bidding and should remain valid during the entire execution period of the order.
 - II. Undertaking from the manufacturer (in original on manufacturer's letter head) guaranteeing supply of items to the bidder in the event of an order on the bidder. This certificate should be valid at the time of bidding and should remain valid during the entire execution period of the order.
 - III. Warranty backup from the manufacturer in original on manufacturer's letter head against the quality of the tendered item(s) as specified in the tender.
 - IV. Documentary evidence in respect of manufacturer's experience in manufacturing under relevant API certification (if applicable) as specified under para 2.A.(i) from the concerned manufacturer.
 - V. Documentary evidence in respect of manufacturer's supply experience as specified under para 2.A.(ii) from the concerned manufacturer (having supplied such items either by manufacturer themselves or through their sole selling agent / distributor / dealer / supply house).
 - VI. Documentary evidence in respect of bidder's own supply experience of supplying minimum 25% quantity (to be rounded to next higher whole figure) of the tendered items, of same or higher capacity and same or higher sizes, during last 5 (five) years as on original bid closing date of the tender as specified in the para 2.A.(ii).
3. If the bidder is a manufacturer and has supplied the tendered items (of same or higher capacity and same or higher sizes) to OIL during last 5 (five) years as on original bid closing date of the tender either by themselves or through their sole selling agent/distributor/dealer/supply house and whose past performance has been satisfactory, the bidder need not satisfy Clause 2.A. ii. In this situation the bidder shall have to indicate the Purchase Order (P.O.) Nos. of OIL in their technical bid.
 4. If the bidder is sole selling agent / distributor / dealer / supply house of any manufacturer and has submitted bid of the manufacturer who has supplied the tendered items (of same or higher capacity and same or higher sizes) to OIL during last 5 (five) years as on original bid closing date of the tender either by themselves or through their sole selling agent/distributor/dealer/supply house and whose past performance has been satisfactory, the manufacturer need not satisfy Clause 2.A. ii. In this situation the bidder shall have to indicate the Purchase Order (P.O.) Nos. of OIL executed by that manufacturer in their technical bid. However, such bidder must meet Clause No. 2.(B).(VI) above.
 5. The bidder should categorically confirm in their technical bid that the tendered items will be supplied within the delivery period, if mentioned in the tender, without which the bid will be rejected.

6. **Financial Criteria:**

- 6.1 **Annual Turnover** : The bidder shall have an annual financial turnover of minimum **US\$ 56,510.00 or Rs 38,16,000.00** during any of the preceding 03 (three) financial years reckoned from the original bid closing date of the tender.
- 6.2 "Net Worth" of the bidder should be positive for the preceding financial/accounting year.
- 6.3 Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the preceding 03 (three) financial/accounting years should be submitted along with the Technical Bid.
- 6.4 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 on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.
- 6.5 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..... (As the case may be) has actually not been audited so far'.
Note: 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 Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-II.

OR

ii) Audited Balance Sheet along with Profit & Loss account."

(B) COMMERCIAL:

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

- 1) Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The "Unpriced Bid" shall contain all techno-commercial details except the prices, which shall be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions.
Bidder not complying with above submission procedure will be rejected.
- 2) **Bid security of US \$ 2,261.00 or Rs. 152,700.00** 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 **24.05.2017**.
- 3) Validity of the bid shall be **minimum 120 days** from 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(eighteen) months from the date of despatch/shipment or 12(twelve) months from the date of receipt at site 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 18(eighteen) months from the date of despatch/shipment or 12(twelve) months from the date of receipt at site. 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 (if any) 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 (if any) including service tax:**
- (K) **Total value, (I+J) above :**
- (L) **Total Value in words :**
- (M) **Gross Weight :**
- (N) **Gross Volume :**

- 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

A. COMMERCIAL

1.0 The evaluation of bids will be done as per the Commercial Bid Format (SUMMARY) detailed vide Para 6.0 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
- (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) Total Installation & Commissioning charges including service tax
- (I) Total Value, (G+H) above
- (J) 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
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value, (A + B) above
- (D) Excise Duty including Cess, (Please indicate applicable rate of Duty & Cess)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station price, (C + D + E) above
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges @0.5% of Total FOR Despatching Station Value (F) above
- (I) Total FOR Duliajan value, (F+G+H)
- (J) Assam Entry tax
- (K) Total Installation & Commissioning charges including service tax
- (L) Total Value, (I+J+K) above
- (M) 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, whichever is less subject to 30 % local content norms as stipulated for World Bank Funded project to the satisfaction of OIL. When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Total Value basis.

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.

CHECK LIST**(A) COMMERCIAL CHECK-LIST**

Sl. No.	PARAMETERS/REQUIREMENTS	BIDDER's RESPONSE
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,	Yes/ No
5.	(a)Whether submitted valid and proper authorization letter from manufacturer IN ORIGINAL confirming that bidder is their authorized dealer for the product offered?	Yes/ No
6.	(b)Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	Yes/ No
7.	Whether bid submitted under single stage Two-Bid System?	Yes/ No
8.	Whether ORIGINAL Bid Bond (not copy of Bid Bond) enclosed with the offer? If YES, provide details	Yes/ No
	(a) Amount :	Yes/ No
	(b) Name of issuing Bank :	Yes/ No
	(c) Validity of Bid Bond :	Yes/ No
9.	Whether offered firm prices?	Yes/ No
10.	Whether quoted offer validity of 120 days from the date of closing of tender?	Yes/ No
11.	Whether quoted a firm delivery period?	Yes/ No
12.	Whether quoted as per NIT (without any deviations)?	Yes/ No
13.	Whether any deviation is there in the offer?	Yes/ No
14.	Whether deviation separately highlighted?	Yes/ No
15.	Whether agreed to the NIT Warranty clause?	Yes/ No
16.	Whether Price Bid submitted as per Price Schedule?	Yes/ No
17.	Whether indicated the country of origin for the items quoted?	Yes/ No
18.	Whether all the items of tender quoted?	Yes/ No
19.	Whether technical literature/catalogue/drawings enclosed?	Yes/ No
20.	For Foreign Bidders - Whether offered FOB/FCA port of dispatch including sea/air worthy packing & forwarding?	Yes/ No
21.	For Foreign Bidders – Whether port of shipment indicated? [To specify]	Yes/ No
22.	For Foreign Bidders only - Whether indicated ocean freight up to C&F Kolkata port (Excluding marine insurance)?	Yes/ No
23.	Whether Indian Agent applicable?	Yes/ No
	If YES, whether following details of Indian Agent provided?	Yes/ No
	(a) Name & address of the agent in India – To indicate	Yes/ No
	(b) Amount of agency commission – To indicate	Yes/ No
	(c) Whether agency commission included in quoted material value?	Yes/ No
24.	Whether weight & volume of items offered indicated?	Yes/ No
25.	Whether confirmed to submit PBG as asked for in NIT?	Yes/ No
26.	Whether agreed to submit PBG within 30 days of placement of order?	Yes/ No
27.	For Indian bidders – Whether place of dispatch indicated in the offer? [To specify]	Yes/ No

28.	For Indian bidders – Whether road transportation charges up to Duliajan quoted?	Yes/ No
29.	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes/ No
30.	For Indian Bidders only - Whether offered Deemed Export prices?	Yes/ No
31.	Whether quoted prices are exclusive of Excise duty?	Yes/ No
32.	For Indian bidders only – whether import content indicated in the offer?	Yes/ No
33.	For Indian Bidders only - whether all Taxes have been indicated categorically?	Yes/ No
34.	Whether all BRC/BEC clauses accepted?	Yes/ No
35.	Whether confirm to accept all clauses of Integrity Pact?	Yes/ No
36.	Whether duly signed Integrity Pact enclosed?	Yes/ No

(B) TECHNICAL CKECKLIST

1	Whether the items would be brand new, unused & of prime quality?	Yes/ No
2	Whether the item would be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications?	Yes/ No
3	Whether the defective item / parts, if any, rejected by OIL will be replaced by the bidder free of cost?	Yes/ No
4	Whether relevant Catalogue, Drawing, Literature etc (with illustrated drawings & exploded views) along with dimensional details enclosed.	Yes/ No
5	Whether list of recommended spare parts for 02 years trouble free operation with unit price and part numbers of each and every item (year wise) are forwarded along with the quotation?	Yes/ No
6	Whether quoted as manufacturer?	Yes/ No
7	Whether mentioned the name of manufacturer, country of origin and port of shipment?	Yes/ No
8	Whether all details (Drawings, ratings, Frame size, make & model) of electrical equipment offered have been forwarded along with the quotation?	Yes/ No
9	Whether all electrical equipment offered in technical bid are DGMS approved?	Yes/ No
10	Whether offering copies of CIMFR certificates & DGMS approval along with technical bid?	Yes/ No

Signature _____

Name _____

Designation _____

TECHNICAL EVALUATION MATRIX
(TO BE FILLED IN BY BIDDER DULY SIGNED)

BID EVALUATION CRITERIA

Clause Number	DESCRIPTION	BIDDER'S RESPONSE (Complied / Not Complied / Deviation / Not Applicable)	TO BE FILLED BY THE BIDDER Relevant Location of their Bid to support the remarks / compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)
1.	The Items shall be manufactured & tested as per relevant API norms as specified in the Tender (IF APPLICABLE). Bidder must confirm.		
2.	Experience:		
A	MANUFACTURERS EXPERIENCE: IN CASE THE BIDDER IS THE MANUFACTURER If the bidder is a manufacturer of the offered item(s), then they must satisfy the following criteria for manufacturing and supply experience and furnish the relevant documentary evidences as per below along with the technical bid:		
i.	They must have an experience of minimum 5 (Five) years in manufacturing the quoted item(s) under relevant API certification as on the original bid closing date of the tender. Copies of relevant API certificates (having API authorization(s) for the item(s) mentioned in the tender) for the last 5 (Five) years (i.e. continuous without having any break in between) shall be submitted along with techno-commercial bid. Bids without copies of valid relevant API certificates or with break(s) in between will be rejected. Note: The above clause will be applicable only for those item(s) manufactured under API certifications, as specified in the		

	tender.		
ii.	<p>The bidder should have manufactured and supplied minimum 50% quantity (to be rounded to next higher whole figure) of the tendered items, of same or higher capacity and same or higher sizes, to any E&P companies/Drilling Contractors/Drilling service providers during last 5 (five) years as on original bid closing date of the tender (either by themselves or through their sole selling agent/distributor/dealer/supply house). Documentary evidence in respect of manufacturing and supplying the above mentioned items should be submitted with the technical bid, in the form of copies of relevant Purchase Orders (PO date should be within the last 05 years) along with copies of any of the following documents in respect of satisfactory execution of each of those Purchase Orders failing which the bids will be rejected:</p> <p>I. Satisfactory Inspection Report (OR) II. Satisfactory supply completion/installation report (OR) III. Bill of Lading, Invoice etc. (OR) IV. Consignee receipt delivery challan (OR) V. Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat. VI. Commercial Invoice/ Payment Invoice</p>		
B	<p>IN CASE THE BIDDER IS NOT A MANUFACTURER:</p> <p>If the bidder is a sole selling agent / distributor / dealer / supply house of any manufacturer, then bidder must furnish the following documents along with the technical bid failing which the bids will be rejected:</p>		
I.	Authorization certificate from the manufacturer (in original on manufacturer's letter head) should be submitted along with the technical bid. This certificate should be valid at the time of bidding and should remain valid during the entire execution period of the order.		
II.	Undertaking from the manufacturer (in original on manufacturer's letter head) guaranteeing supply of items to the bidder in the event of an order on the bidder. This certificate should be valid at the time of bidding and should remain valid during the entire execution period of the order.		
III.	Warranty backup from the manufacturer in original on manufacturer's letter head against the quality of the tendered item(s) as specified in the tender.		

IV.	Documentary evidence in respect of manufacturer's experience in manufacturing under relevant API certification (if applicable) as specified under para 2.A.(i) from the concerned manufacturer.		
V.	Documentary evidence in respect of manufacturer's supply experience as specified under para 2.A.(ii) from the concerned manufacturer (having supplied such items either by manufacturer themselves or through their sole selling agent / distributor / dealer / supply house).		
VI.	Documentary evidence in respect of bidder's own supply experience of supplying minimum 25% quantity (to be rounded to next higher whole figure) of the tendered items, of same or higher capacity and same or higher sizes, during last 5 (five) years as on original bid closing date of the tender as specified in the para 2.A.(ii).		
3.	If the bidder is a manufacturer and has supplied the tendered items (of same or higher capacity and same or higher sizes) to OIL during last 5 (five) years as on original bid closing date of the tender either by themselves or through their sole selling agent/distributor/dealer/supply house and whose past performance has been satisfactory, the bidder need not satisfy Clause 2.A. ii. In this situation the bidder shall have to indicate the Purchase Order (P.O.) Nos. of OIL in their technical bid.		
4.	If the bidder is sole selling agent / distributor / dealer / supply house of any manufacturer and has submitted bid of the manufacturer who has supplied the tendered items (of same or higher capacity and same or higher sizes) to OIL during last 5 (five) years as on original bid closing date of the tender either by themselves or through their sole selling agent/distributor/dealer/supply house and whose past performance has been satisfactory, the manufacturer need not satisfy Clause 2.A. ii. In this situation the bidder shall have to indicate the Purchase Order (P.O.) Nos. of OIL executed by that manufacturer in their technical bid. However, such bidder must meet Clause No. 2.(B).(VI) above.		
5.	The bidder should categorically confirm in the technical bid that the tendered items will be supplied within the delivery period as mentioned in the tender, without which the bid will be rejected.		

ANNEXURE - III**TECHNICAL EVALUATION MATRIX
(TO BE FILLED IN BY BIDDER DULY SIGNED)****TECHNICAL SPECIFICATIONS**

Clause Number	DESCRIPTION	BIDDER'S RESPONSE (Complied / Not Complied / Deviation / Not Applicable)	TO BE FILLED BY THE BIDDER Relevant Location of their Bid to support the remarks / compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)
Clause A	<u>Vertical Vacuum Degasses - 02 numbers</u> Vertical Vacuum Degassers as per the following minimum specifications for each unit:		
1	<u>SCOPE:</u> Supply, Installation and commissioning of vacuum type Degasser along with all accessories		
2	<u>GENERAL FEATURES:</u> The equipment will be suitable for operation in oil field conditions, having drilling fluid temperature up to 90 degree centigrade. I. Degasser tank, vacuum pump & motor, which will form a complete unit will be mounted on an oil field skid. II. The complete assembly (internally and externally both) should be grit blasted to SA 2 1/2 (white metal finish), primed		

	with zinc and finish coated with 2 to 3 coats of polyurethane paint.		
3	<p><u>TECHNICAL SPECIFICATIONS:</u></p> <p>I. Mud handling capacity: 1000 GPM at 75 ft head (Minimum)</p> <p>II. Specific gravity of mud: 1.05 - 2.20 (Minimum)</p> <p>III. Vacuum pump</p> <p>a) Maximum vacuum rating desired 8" to 15" (203 to 381 mm) of mercury for maximum lift of 3 meters.</p> <p>b) Single stage vacuum pump belt driven complete with 5 HP flame proof and weather proof AC motor 415 volts, 50 Hz, three phase & 1500 RPM. Permissible variation in voltage is +/-6% and permissible variation in frequency is +/-3%. Cable termination will be through flame proof glands of suitable size.</p> <p>IV. The features of Degasser</p> <p>i. Vertical type cylindrical Vessel: - Cylindrical vessel fabricated out of MS Sheet free from flaws and defects & fitted with following accessories</p> <p>a. Safety valve as per manufacturers design.</p> <p>b. Float regulated liquid level in the de-gasser chamber.</p> <p>c. A vacuum pressure gauge with cock 1" (25.4mm) to be provided at a suitable visible place and having a capacity to record vacuum of 0" to 30" (0 – 760 mm) of mercury</p> <p>d. Float operated three-way valve to vacuum vessel to avoid vacuum pump to overfill or dry.</p> <p>e. 1 Inch (25.40 mm) vacuum lines with float valve and all required fittings.</p> <p>f. Baffles: a thin MS / fibre glass plate of adequate thickness inside the vessel and providing sufficient surface area for release of entrapped gas.</p>		

	<p>ii. Low pressure jet of 1 ½” (38 mm) nozzle to be provided on 6” (152 mm) discharge line.</p> <p>V. API 8” x 6” (203 mm x 152 mm) suction / discharge flange connections along with companion flanges and required fasteners.</p> <p>VI. Dimensions: Length and width to be as per manufacturer’s design. However height cannot be greater than 80 inches.</p> <p>VII. Vacuum pump and vessel should be suitable for H2S gas also.</p>		
4	<p><u>MOUNTING FRAME:</u></p> <p>The mounting frame should be designed for maximum rigidity and sturdiness, reinforced with lifting eyes (oil field skid) fabricated out of high-grade structural steel and free from flaws and defect. The complete assembly should be mounted on rugged oil field type self loading skid, with dimensions of the skid not exceeding 3.5 m long x 3.5 m width, and should be grit blasted to SA 2 ½ (white metal finish), primed with zinc and finish coated with 2 to 3 coats of polyurethane paint.</p>		
5	<p><u>DETAILS OF MOTOR:</u></p> <p>Flame proof / explosion proof (Type Ex-d) squirrel cage induction motor suitable for Zone 1 & Gas group IIA and IIB and confirming to IS/IEC : 60079-1 or equivalent standard of the country of export.</p> <p>Horse Power Rating - 5 HP</p> <p>Voltage Rating - 415 Volts ±5%</p> <p>Frequency - 50 Hz ±3%</p> <p>No. of Phases - 3 (three)</p> <p>Insulation Type - "B"</p> <p>Enclosure Protection - IP 55</p> <p>R.P.M. - 1500</p> <p>Frame Size - To be specified by bidder</p> <p>Ambient Temperature - 55 Deg. Centigrade</p> <p>Relative Humidity - 95%</p> <p>Temperature Class - T3</p>		

	The motor should incorporate studs for earth connection. The motor should be provided with suitable FLP double compression cable glands.		
6	<p><u>DETAILS OF STARTER:</u></p> <p>DOL Starter, suitably rated, in a Flameproof/explosion proof (Type Ex-d) enclosure. Bidder to indicate details for the components used in starter panel (like contactor, overload relay, any other protective device used, fuses, switches, etc.) indicating its make & ratings. The starter should incorporate studs for earth connection.</p> <p>The starter should be provided with suitable FLP double compression cable glands.</p>		
7	<p><u>SPARES:</u></p> <p>List of 2-years operational spares to be furnished.</p>		
8	<p><u>INSTALLATION & COMMISSIONING:</u></p> <p>All the materials required for installation and commissioning shall be supplied along with equipment. The equipment shall be installed and commissioned to the satisfaction of Oil India Limited.</p>		
	<u>NOTES TO BIDDERS</u>		
1	The items shall be brand new, unused & of prime quality. The manufacturer 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. This clause shall be valid for 18 months from date of shipment or 12 months from date of commissioning of the items, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.		
2	Degasser shall be suitable for operation in oilfield conditions having operating fluid temperature up to 90 degree centigrade.		
3	Degasser shall be suitable for onshore application & for use with all types of water or oil based drilling fluids such as XC-Polymer-PAC; Resinex - Sulphonate Asphalt Mud System, KCL-PHPA Polymer mud system, Low solid non-dispersant mud system, etc.		
4	Motor shall be explosion proof (Type Ex-d), Squirrel cage		

	Induction Motor, with sealed bearings & suitable for 415 V AC, 50 Hz, 3 - phase power supply at 55 degree centigrade ambient & 90% relative humidity, and outdoor application (IP 55 rated). Motor should not be loaded above 90% of its continuous rating when the unit is running at its maximum output.		
5	Motor shall be operated through a separate suitably rated, electrical, explosion proof, flame proof (Type Ex-d) , water & weather proof (IP 55 rated) starter fixed to the unit with push buttons (ON / OFF & O/L RESET).		
6	Motor installation: Motor shall be suitably located on Degasser & starter installed in a water & weatherproof box to avoid mud splashes. Motor foundation bolts shall be of such designed & made up of material to avoid shearing off / breakage during normal operation.		
7	<p>Certification / Approval:</p> <p>a) All Electrical / Electronic equipment on the degasser skid shall be CIMFR (or equivalent) certified and DGMS (India) approved for use in Zone 1 & 2 Hazardous areas of oilfields, Gas Groups 2A and 2B, Temperature Class T3. The CIMFR certificate number and DGMS approval number shall be affixed or embossed on each piece of such equipment.</p> <p>b) In case DGMS approved electrical / electronic equipment is not available, the same may be supplied with DGMS field trial permission certification. The field trial may be carried out in any E&P company operating in India or during the use of the item for which it is procured. Bidder has to indicate in the bid if he is offering certified and approved electrical equipment, or supplying equipment with field trial permission.</p> <p>c) The payment of DGMS approved electrical / electronic equipment will be as per normal terms and conditions of the order. However, payment for the electrical / electronic equipment supplied with DGMS field trial permission shall be to the extent of 50% of the cost of the equipment against dispatch / shipping documents. The balance 30% shall be made on submission of DGMS approval letter and 20% against successful commissioning with DGMS approval letter. Bidders to quote the price of the electrical / electronic equipment separately for which DGMS approval is not available.</p>		

	d) Bidder should indicate clearly if he is providing copies of CIMFR certificates and DGMS approval along with technical bid, or with supply.		
8	Bidder must provide detailed specifications of the offered product and should forward relevant Catalogue and Literature (in printed form, not in computer media such as floppies or CDs) indicating the quoted items, General and Sectional drawings of degasser with skid indicating all major dimensions and for motor detailed dimensional drawing including terminal box connections and wiring drawing along with the quotation.		
9	Bidder to confirm regarding the product / service support along with un-interrupted and timely supply of spare parts for at least 10 years for the offered model. Moreover, bidder should forward a list of recommended spares for two (02) years operation for the quoted items indicating part numbers, quantity & unit price separately along with the quotation in the commercial bid and categorically confirm the same in the technical bid (price should not be mentioned in the technical bid). However the cost of these spares will not be considered for bid evaluation purpose. The price should remain valid for at least two (02) years.		
10	<p>Markings: Following information shall be engraved / embossed:</p> <p>a) On main body of Degasser - Manufacturer's name & address, Model, Serial No. & Year of manufacture, Motor HP / RPM / Volts / Hz, Full load ampere, overall dimensions, Weight & OIL's purchase order number (In the event of an order).</p> <p>b) DGMS approval identification marking shall be engraved / embossed on starter.</p> <p>c) Bidders shall confirm compliance to the same while quoting.</p>		
11	In the event of order the supply must include two sets of operational, maintenance and service manuals with exploded views, spare parts manual / catalogue indicating all parts with quantity & part numbers. Bidder should categorically confirm while quoting.		
12	The Bidder should indicate the dimensions and weight of the offered model of degassers, the name of the manufacturer, the country of origin and port of dispatch of the materials.		
13	Bidder should categorically confirm in the technical bid a delivery schedule within nine (09) months, FOB Port of		

	dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within nine (09) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.		
14	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.		
15	Bidders are to quote for all the items as indicated in the NIT.		
16	Bidder to sign and submit completely filled up Technical check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification.		
17	The supplier shall categorically confirm that the compatibility of all items offered has been thoroughly scrutinized and verified for smooth and trouble-free operation of the Vertical Vacuum Degasser to avoid unwarranted hitches during commissioning. The unit should be mounted on a non-adjustable, rugged, oilfield type skid and should fit in the area indicated in the enclosed mud tank layout with minimum modifications of the tank top.		
18	<p>Bidders should categorically confirm that Installation & Commissioning of the Vertical Vacuum Degassers would be carried out by their competent personnel at OIL's designated drill site, in Duliajan, ASSAM, INDIA upon receipt of the unit at Duliajan.</p> <p>The installation and commissioning charges inclusive of service tax to be quoted separately and would be considered for evaluation of the offer. These charges should include amongst others to and fro fares, boarding / lodging, local transport at Duliajan and other expenses of supplier's commissioning personnel during their stay at Duliajan, Assam (India). However, the basic facilities required for installation & commissioning such as to & fro transportation to site from Duliajan, Crane service, electric power, water supply, pressurized air and welding & cutting set shall be provided by OIL. Rig-up at designated site will be the responsibility of OIL but, supplier should provide the supervisory assistance by deputing their competent personnel.</p> <p>Commissioning shall be completed within 4 (four) months after receipt of all the items at Duliajan.</p>		