



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

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Tender No. & Date : **SDG9388P19/07 dated: 06.10.2018**

Bid Security Amount : **INR 7,40,000.00 OR USD 10,680.00**

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

Bid Closing on : **05.12.2018 (at 11:00 Hrs. IST)**

Technical Bid Opening on : **05.12.2018 (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 05.07.2019**

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

Integrity Pact : **Applicable**

OIL INDIA LIMITED invites Global Tenders for the following item:

MATERIAL DESCRIPTION	QUANTITY	UOM
DC MOTOR WITH ATTACHED/ MATCHED BLOWER	10	NUMBER

FOR DETAILS PLEASE REFER THE FOLLOWING ANNEXURES:

- a) Annexure – A : Detailed Technical Specifications, General & Special Notes to bidders
- b) Annexure – B : Bid Evaluation & Rejection Criteria
- c) Annexure – C : Commercial & Technical Check List
- d) Annexure – D : Certificate of Annual Turnover & Net Worth
- e) Annexure – E : Technical evaluation matrix for Technical specification
- f) Annexure – F : Technical evaluation matrix for Bid Evaluation & Rejection Criteria

AA:: (I) MATERIAL DESCRIPTION, TECHNICAL SPECIFICATIONS & QUANTITY:

Item No.	Material Description & Technical Specifications	Quantity	UOM
<p><u>10</u></p>	<p>DC MOTOR WITH ATTACHED/ MATCHED BLOWER Position of motor terminal box should be on LHS, looking from "the drive end towards the NDE".</p> <p>1000 HP drilling motor; single shaft extension, heavy duty, direct current, four pole, separately excited machine provided with interpoles and TIG welded, lap wound fully equalized armature coil connections. Motor should be suitable for oilfield duty, and be used to drive Draw Works / Rotary / Mud Pump. Motor is intended as spare for BHEL motor 4903CX, and as such, should be identical to this model in all respects.</p> <p>1.0 DC MOTOR SPECIFICATIONS:</p> <p>1.1 Continuous Rating: 1000 HP @ 1050 RPM, 750VDC, 1050Amps, 45DegC ambient.</p> <p>1.2 One hour rating: 1040 HP @ 1100 RPM, 750VDC, 1100 Amps</p> <p>1.3 Max Values - 830 VDC, 1300 Amps, 1300 RPM</p> <p>1.4 Torque - 5000 lb-ft (nominal)</p> <p>1.5 Rotation - Bi-directional</p> <p>1.6 Field - Separately excited Shunt Field with interpoles.</p> <p>1.7 Excitation current - Adjustable up to 60 Amps</p> <p>1.8 Insulation Level - 1300 Volts</p> <p>1.9 Insulation Class - Class -"H" both on armature and field coils</p> <p>1.10 Weight of motor with blower - 3500 Kg (approx)</p> <p>1.11 Make and model - Should be identical in all respects to BHEL DC motor Model 4903 CX, to ensure interchangeability with existing motor range. Bidder should specify make and model of the offered motors along with the offer.</p> <p>1.12 Motor Terminal Box - Pressurized type</p> <p>1.13 Position of motor terminal box - on LHS, looking from the drive end towards the NDE</p> <p>1.14 Cable entry glands - Single compression cable glands, suitable for 300 mm² EPR/ EVA single core, unarmoured cables. Unused cable entry ports should be plugged. Cable entry</p>	<p>6 (Six)</p>	<p>Number</p>

	<p>should be from bottom of cable box.</p> <p>1.15 Cooling / Ventilation - Type IC06 - Forced Ventilation by blower unit mounted on motor frame. Air flow 2900 cfm (with static pressure of 210 mm WG)</p> <p>1.16 Air Flow Relay/ Pressure Switch - One air flow relay or Pressure Switch to monitor air flow from the blower unit, fitted with 1 NO + 1 NC auxiliary changeover contact. Contact rating - 5A, 230 VAC. This relay should be located preferably in the Blower housing, flush mounted without projecting part.</p> <p>2.0 CONNECTIONS:</p> <p>2.1 Power: Plug and socket (lockable) terminals (suitable for 300mm² size single core EPR/ EVA/HOFR cable), located in Cable / Terminal box Make - Pyle National</p> <p>2.2 Control: One number 20 pin control socket with male pins; located in cable / terminal box. Make - Pyle National</p> <p>2.3 Connections should be plug-in type for both power and control cables. All control connections to be terminated on suitably rated and properly labeled TB inside the cable box.</p> <p>2.4 All cable entry should be from bottom of Terminal box</p> <p>2.5 Cut-out switch to be provided on frame or Terminal Box to electrically isolate the motor during servicing / repair. The cut-out switch should be 2 pole, 4 position rotary type, and mounted inside the cable box</p> <p>2.6 Space (Anti-condensation) Heater - 225 Watts, 230 VAC single phase space heater.</p> <p>2.7 Mounting - Horizontal foot mounted</p> <p>3.0 COUPLING HUB:</p> <p>Motor should be fitted with a coupling hub similar to "BHEL drawing D4775882". The bidder should submit the drawings along with the offer.</p> <p>4.0 CONSTRUCTIONAL FEATURES OF DC MOTOR:</p> <p>4.1 Cast cum fabricated magnet frame design and box type rugged frame construction with mounting feet.</p> <p>4.2 High quality electrical varnished sheet steel for armature punching.</p> <p>4.3 Armature endplate with fan effect for providing better</p>		
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	<p>ventilation.</p> <p>4.4 Commutator to be built up from silver bearing copper & mica segments and clamped by Commutator spider and V-ring with 'V' ring insulations made from alkyd vinyl mica bonded material. Commutator to be of arch-bound construction.</p> <p>4.5 Tungsten inert gas (TIG) welding for commutator riser parts for high temperature withstand and better reliability.</p> <p>4.6 Proven insulation system with VPI resin for armature & field coils.</p> <p>4.7 Flexible cable connections for brush gear & compole coils to provide against vibration.</p> <p>4.8 Split carbon brushes with rubber tops.</p> <p>4.9 Arcing horns & arching rings for creating an arcing gap direct to earth and to protect the commutator in the event of flashover.</p> <p>4.10 Bottom cable entry.</p> <p>4.11 Splash guards on air outlet.</p> <p>4.12 Inspection windows for commutator and brushes to be provided at convenient locations.</p> <p>4.13 All slits, openings through which rain water can seep inside should be adequately sealed.</p> <p>5.0. BLOWER:</p> <p>Centrifugal type Blower unit should be mounted on DC motor frame, and driven by one AC motor for pressurizing, cooling and purging the DC motor and cable box. Blower motor speed should be constant, independent of DC motor speed.</p> <p>5.1 Fan speed - 2880 RPM, capacity - 2900 cfm; Static pressure - 210 mm WG</p> <p>5.2 Direction of discharge - counter clock-wise, down blast.</p> <p>5.3 Rating of motor - 7.5 HP, 3 Phase, 415 Volts, 50 Hz, Continuous rated Squirrel cage Induction motor. Motor should be rated for DOL starting.</p> <p>5.4 Insulation Class - "B"</p> <p>5.5 Motor Speed - 3000 RPM (synch)</p> <p>5.6 Motor frame size - 132M</p> <p>5.7 Connections - All connections to be through double compression FLP cable glands suitable for unarmoured EPR/</p>		
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<p>EVA cables of OD 16 mm. Unused cable entry ports should be plugged with metal plugs.</p> <p>5.8 Cable Box to be on the side (LHS / RHS) of the motor.</p> <p>5.9 Air Flow Relay or Pressure Switch - One air flow relay or Pressure Switch to monitor air flow to the DC motor from the blower unit, fitted with 1 NO + 1 NC auxiliary changeover contact. Contact rating - 5A, 230 VAC. This relay should be located inside the Blower housing, flush mounted without projecting part.</p> <p>5.10 Direction of rotation of the blower fan should be marked permanently and prominently on the outer surface of the blower unit.</p> <p>5.11 Enclosure to be IP 55 and FLP (Confirming to IEC 60529; IS / IEC 60079-1).</p> <p>5.12 Motor and its Enclosure should be approved by CIMFR/ recognized laboratory of country of origin for use in Oilfields hazardous area Zones 1 and 2, Gas groups 2A and 2B. Copy of valid test certificates for the make and model of AC motor should be supplied.</p> <p>5.13 Std.: Latest versions of IS 325; IEC 60529; IS/IEC 60079-1.</p> <p>5.14 Make - Crompton Greaves / Kirloskar or equivalent</p> <p>6.0 SPARES:</p> <p>A list of spares required, with prices, for all motors (AC and DC) should be submitted along with the price bid. However, the price will not be considered for bid evaluation. This list should cover spares requirement for two years of operation, for all motors (AC & DC) forming part of the bid.</p> <p>7.0. O&M MANUALS & TEST REPORTS:</p> <p>Operation and maintenance manuals for the motors (for all the DC & AC motors) shall be submitted along with the supply of motors (3 copies for each of the motors). Total 4 (four) sets of soft copies (in flash drive format) and three sets of hard (paper) copies of the manuals shall also be submitted along with the motors.</p> <p>Reports of tests conducted on the motors (Type / Routine / Load tests) shall be provided to Oil India along with the supply of the motors.</p> <p>8.0. PACKING AND DESPATCH TO OIL SITE AT DULIAJAN, ASSAM, INDIA:</p> <p>The DC motors shall be dispatched to Oil India's designated site at Duliajan, Assam, India. Motors shall be sent from</p>		
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	<p>manufacturer's works fully fitted, and ready to be commissioned at drilling sites.</p> <p>All Electrical components (Motors etc.) shall be packed suitably to avoid ingress of rain, moisture and dust; and to withstand the rigours of travel, as well as storage before final commissioning.</p> <p>9.0. TEST CERTIFICATES:</p> <p>Bidders should take special note of the following essential requirement:</p> <p>The Blower motor shall be FLP type and should be suitable for use in hazardous areas of Zone I and Gas group IIA & IIB of Oil Mines and shall conform to IS/IEC/EN:60079-0:2011 & IS/IEC/EN:60079-1:2007 as per clause no. 107 of OMR-2017 and subsequent notifications of DGMS. The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.</p> <p>Bidder shall provide copies of above test reports along with technical bid. In case such test reports is not available at bid submission stage, the bidder shall arrange for the test reports of the motor and submit copies of the test reports at the time of final inspection by OIL's representative failing which dispatch clearance will not be given.</p> <p>10.0. TESTING AND INSPECTION:</p> <p>Motors shall be inspected at Manufacturer works. This inspection may be in stages (including inspection of tests on motors), or final performance testing and inspection before dispatch, by engineers from Oil India.</p> <p>The motors shall be tested according to manufacturer's standard test procedures, to demonstrate conformance with all required specifications. Engineers from Oil India shall witness these tests, and record results thereof.</p> <p>Manufacturer should give inspection calls to Oil India at least 30 days in advance. All test reports, certificates; approvals etc. pertaining to the motors should be furnished during final pre-despatch inspection. However, such inspection will not relieve the supplier of his responsibility to ensure that the items supplied is free from all manufacturing defects and conforms to correct specification.</p> <p>11.0. MOTORS TO BE SIMILAR TO EXISTING DC MOTORS:</p> <p>DC Motor footprint, shaft and other details (Electrical and mechanical) should exactly match with M/S BHEL make DC motor, 1000HP, model 4903CX, for compatibility and replacement with existing motors.</p>		
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	<p>12.0. POWER SUPPLY FOR DC MOTOR:</p> <p>The DC motor will be run from AC-SCR panels inside PCRs of Drilling Rigs. DC power supply from these panels is controlled by Hill-Graham designed drives called "DC Modules". Field excitation supply for the motors is also from Hill-Graham design field excitation PCB modules.</p> <p>13.0. SUBMISSION OF DRAWINGS:</p> <p>Detailed dimensional/GA drawings of the DC motor including foot-print, shaft height (with accessories like blower unit, coupling hub etc.), wiring diagram of the DC motor terminal block (to control socket) and DC motor characteristics shall be submitted by the bidder along with the bid/quotation. Another set of drawings should be submitted by approved bidder, and these drawings shall be approved by OIL before actual assembly.</p>		
<u>20</u>	<p>DC MOTOR WITH ATTACHED/ MATCHED BLOWER</p> <p>Position of motor terminal box should be on RHS, looking from "the drive end towards the NDE".</p> <p>Technical specification & other requirements exactly same as Item No. 10 above, <u>except DC Motor Specifications Point No:1.13</u> i.e. Position of motor terminal box – on RHS, looking from “the drive end towards the NDE”.</p>	4 (Four)	Number

(II) SPECIAL NOTE FOR BIDDERS:

1. Any third party details / materials required and obtained by the successful bidder through Oil India, to complete the DC Motor design and supply shall be kept safe and confidential. All such material shall be returned to Oil India after completion of related job. Any materials or information about Oil India, obtained by the successful bidder during execution of this job shall be kept confidential, returned to Oil India, or properly disposed of.

2. Motors must be new and in unused condition. No reconstructed/ rebuilt motors will be acceptable.

3. DC Motors shall be used in parallel with the existing BHEL make CX type DC motors in 2000 HP Draw-works / 1600 HP slush pump application. Therefore, Motors shall be identical in all respect (electrically and mechanically) to OIL's existing 1000 HP DC shunt motors (model 4903 CX) manufactured by M/s BHEL, Bhopal (India).

4. Manufacturer must have adequate and self-sufficient service and repair set-up, backed up with supply of materials and technical know-how from the OEM, placed in an easily accessible and well connected (by road/ train) location in India. Also, the service set-up must have experience of servicing minimum 10 (ten) nos. of DC motors of 900 HP or greater than 900HP in the last 3 (three) years. Moreover, the service setup should have technical tie up only with OEM in case bidder is not OEM.

Bidder/ manufacturer shall submit credentials in support of this with their quotation.

5. Detailed dimensional/GA drawings of the DC motor including foot-print, shaft height (with accessories like blower unit, coupling hub etc.), wiring diagram of the DC motor terminal block (to control plug) and DC motor characteristics shall be submitted by the bidder along with the quotation.

Drawings shall be approved by OIL before actual assembly/ manufacturing.

6. Motors shall be inspected at Manufacturer works. This inspection may be in stages (including inspection of tests on motors), or final performance testing and inspection before dispatch, by engineers from Oil India.

The motors shall be tested according to manufacturer's standard test procedures, to demonstrate conformance with all required specifications. Engineers from Oil India shall witness these tests, and record results thereof.

Manufacturer should give inspection calls to Oil India at least 30 days in advance. All test reports, certificates; approvals etc. pertaining to the motors should be furnished during final pre-dispatch inspection. However, such inspection will not relieve the supplier of his responsibility to ensure that the items supplied is free from all manufacturing defects and conforms to correct specification.

7. Test certificates/reports for the blower motors shall be submitted at the time of final inspection by OIL's representative failing which dispatch clearance will not be given.

8. Packing should be adequate to avoid transit damage and water/ moisture ingress.

9. Motors shall be warranted for a period of 18 months from the date of supply or 12 months from the date of commissioning of all the motors whichever is earlier.

10. Operation and Maintenance manuals for the motors (for both the DC & AC blower motors) shall be submitted along with the supply of motors (3 copies for each of the motors). Total 4 (four) sets of soft copies (in compact disc format) of the manuals shall also be submitted along with the motors.

11. BUY BACK OF OLD MOTORS (OPTIONAL):

11.1 The bidder (purchaser) shall offer BUY BACK price of the existing **10 Numbers of BHEL Make; 900 HP, DC motor, Model 4903 BX.**

11.2 It is advisable that the purchaser should carry out reconnaissance survey of as-is-where-is condition of above DC Motors, prior to offer BUY BACK Price.

11.3 The bidder shall quote BUY BACK Price, exclusive of GST & other Govt. taxes, levies prevailing at the time of sale which will be payable extra by the purchaser. **Price shall quoted separately in the Price Bid indicating Unit Rate and Total thereof for 10 Numbers.**

11.4 The BUY BACK Price of old DC motors shall be firm and valid for minimum 2 (two) years from the date of bid opening.

11.5 OIL INDIA LIMITED (OIL) reserves the right to reject any or all offered BUY BACK Price, if it considers the offered rate as not reasonable.

11.6 OIL will award separate Sale Order for old DC motors to the Purchaser whose BUY BACK Price has been determined as the highest evaluated bid.

11.7 Purchaser shall be intimated well in advance regarding lifting of old motors. Sale Invoice will be raised by OIL for the quantity of old DC motors prior to lifting/delivery. The purchaser will deposit the cost of the product along with applicable GST & other Govt. taxes, levies. Thereafter, the handover of the old motors will be from Electrical Engineering Department, Oil Indian Limited, Duliajan. Handing over old motors shall be in 2 lots as under:

I. First 5 motors will be handed over after 1 month from the date of successful commissioning of the first New DC motor at site.

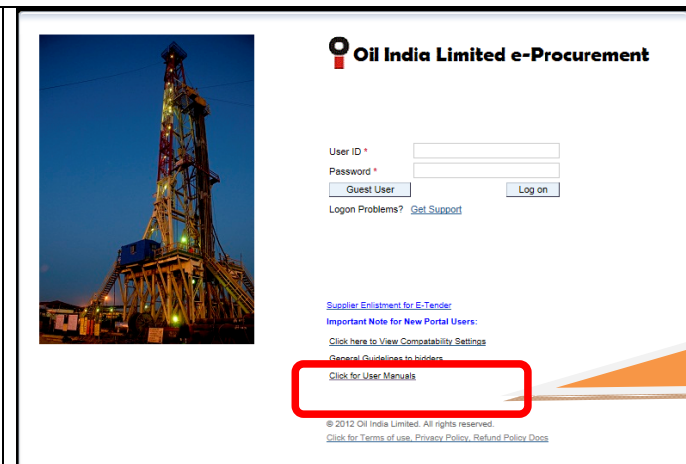
II. Remaining 5 motors will be handed over after 1 month from the date of successful commissioning of the last New DC motor at site.

11.8 All the documentation related to export formalities; if any, Packaging, Loading and Transportation, Insurance of the Old motors from Electrical Engineering Department, Oil Indian Limited, Duliajan will be in the scope of the Purchaser.

BB :: GENERAL NOTES TO BIDDERS:

Sl No	Clause description
1.0	<p>Note- Tender Fee – Not Applicable. However, bidders must comply the following:</p> <p>a) Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL’s E-tender site https://etender.srm.oilindia.in/irj/portal</p> <p>b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.</p> <p>c) MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.</p> <p>d) For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.</p>
2.0	<p>Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.</p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) “MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code:</p>

	<p>UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602.</p> <p>b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.</p>				
3.0	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.				
4.0	Bid must be submitted online through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.				
5.0	<p>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 scribing tender no. and due date to The GM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.</p> <p>a) Original Bid Security along with two duplicate copies of Bid Security. b) Any other documents which have been particularly asked for in this tender for submission.</p>				
6.0	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.				
7.0	<p>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.</p> <table border="1" data-bbox="354 1339 1395 1470"> <tr> <td>Notes and Attachments</td> <td>→ Only Price Details Should Be Uploaded</td> </tr> <tr> <td>Technical attachments</td> <td>→ All technical bid documents except price details</td> </tr> </table> <p>Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “ New Vendor Manual (effective 12.04.2017) ” available in the login Page of the OIL’s E-tender Portal.</p>	Notes and Attachments	→ Only Price Details Should Be Uploaded	Technical attachments	→ All technical bid documents except price details
Notes and Attachments	→ Only Price Details Should Be Uploaded				
Technical attachments	→ All technical bid documents except price details				

	
8.0	<p>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”.</p>
9.0	<p>PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALY ACCEPTABLE.</p>
10.0	<p>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 rejection of its offer without seeking any clarifications.</p>
11.0	<p>Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.</p>
12.0	<p>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.</p>
13.0	<p>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.</p>
14.0	<p>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</p>

	using other than “Class 3” digital certificate, will be liable for rejection.
15.0	<p>Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.</p> <p>"In order to bid for OIL e-tenders all the vendors are required to obtain a legally valid Digital Certificate Class III [Organization] along with Encryption Certificate as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. Digital Signature Certificate comes in a pair of Signing/verification and Encryption/decryption certificate. Bidder should have both the Signing/verification and Encryption/Decryption certificate for Signing and encryption, decryption purpose respectively. The driver needs to be installed once, without which the DSC will not be recognized. While participating on e-Tendering the DSC token should be connected to your system.</p> <p>Encryption certificate is mandatorily required for submission of bid. In case bidder created response with one certificate (using encryption key) and bidder change his Digital Signature Certificate then old certificate (used for encryption) is required in order to decrypt his encrypted response for getting the edit mode of the response. Once decryption is done, bidder may use new DSC certificate for uploading and submission of their offer. It is the sole responsibility of the bidder to keep their DSC certificate properly. In case of loss of the certificate, OIL INDIA LTD is not responsible."</p>
16.0	<p>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.</p>
17.0	<p>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 a period of 18 months from the date of dispatch/shipment or 12 months from the date of successful commissioning, 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.</p>
18.0	<p>Quantity of Individual item may be increased or decrease at the time of final placement of order. The minimum FOB charges in case of partial order for reduced quantity/enhanced quantity shall have to be indicated by the bidder. In case, this is not indicated specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder.</p>
19.0	<p>Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.</p>
20.0	<p>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- IX 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</p>

	<p>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.</p> <p>OIL's Independent External Monitors at present are as under:</p> <p>SHRI RAJIV MATHUR, IPS (Retd.), Former Director (IB) Govt. of India e-Mail ID : rajivmathur23@gmail.com</p> <p>SHRI SATYANANDA MISHRA, IAS(Retd.) Former Chief Information Commissioner & Ex-Secretary, DOPT, Govt. of India E-mail id : satyanandamishra@hotmail.com</p> <p>SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : jagmohan.garg@gmail.com</p>
21.0	Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.
22.0	<p>Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms & Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value which should remain valid for the period execution, including extension, if any and the entire warranty period in line with tender requirement. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above. Bidders to note the same and to confirm its acceptance in their offers.</p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602.</p> <p>b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.</p>
23.0	Bidder to sign and submit completely filled up Technical & Commercial check list.
24.0	Payment terms: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).
25.0	Liquidated Damage: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). In case of deduction of LD, LD amount will be deducted along with applicable rate of GST.

26.0	<p>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 & concessional IGST during import will be applicable.</p> <p>In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export benefit, where import content is declared by the bidder for availing Advance Licence for intermediate Supply. However, Indian bidders will not be issued Recommendatory Letter. Details of Deemed Export benefit are furnished vide Addendum to “General Terms & Conditions” Booklet No. MM/GLOBAL/E-01/2005. The bidders are requested to check the latest position on the subject on their own and OIL shall not accept any liability, whatsoever, on this account.</p> <p>Indigenous Supplier shall furnish the invoice to OIL before the despatch for obtaining Essentiality Certificate from DGH towards concessional rate of GST against invoice valuing 10 lakh and above. Supplier shall arrange to provide all necessary documents to apply for the essentiality certificate on receipt of request from OIL, if any. Further, supplier shall affect dispatch only on receipt of relevant certificates from OIL, failing which all related liabilities shall be to Supplier’s account.</p>
27.0	<p>Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. A new Clause on applicability of Purchase Preference (linked with local content) policy in the tender is furnished as Annexure-VIII of the tender document. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable.</p>
28.0	<p><u>Clauses related to GST</u></p> <ol style="list-style-type: none"> 1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings: <ol style="list-style-type: none"> (a) GST - means any tax imposed on the supply of goods and/or services under GST Law. (b) Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017. (c) GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time. 2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd. 3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum

	<p>value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.</p> <p>4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.</p> <p>5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.</p> <p>6. When Input tax credit is available for Set Off Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL.OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders When Input tax credit is NOT available for Set Off Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders</p> <p>7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.</p> <p>8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.</p>
29.0	<p>Along with the technical bid, bidders must submit duly filled undertaking as per format provided vide Annexure-X as undertaking towards submission of authentic information/documents.</p>

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.

(I) BID REJECTION CRITERIA (BRC)

A. TECHNICAL:

1.1 All equipment offered should be new, of recent manufacture, and not reconstructed or re-built.

1.2 DC motors to be exact replacement of BHEL (India) make 1000 HP, DC motor, model 4903 CX. The offer must be complete with catalogue/ literature and drawings; otherwise the offer will be liable for rejection.

1.3 The DC motor "rugged and field proven" which should be capable of Oil Rig Drilling application (Draw-works and Mud pumps), and of heavy and sturdy frame. The bidder should submit credentials along with the offer of at least 5 (Five) similar motors running successfully in oilfield drilling rig duty during last 5 (five) years preceding to the original bid closing date of the tender.

Documentary evidence to substantiate above should be submitted in the form of copies of relevant Purchase Orders along with copies of signed and sealed successful installation & commissioning report (in original on user's letter head)/ **or** any other signed and sealed documentary evidence which confirms that the past supply has been successfully commissioned. Additionally, any of the following documents should be submitted in respect of satisfactory execution of each of those relevant Purchase Orders:

- (i) Bill of Lading (OR)
- (ii) Consignee delivery receipt / challan (OR)
- (iii) Central Excise Gate Pass / Tax Invoice issued under relevant rules of Central Excise / Vat / GST (OR)
- (iv) Commercial Invoice / Payment Invoice

Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the installation & commissioning of supply should be within 5 (five) years preceding original bid closing date of this tender.

1.4 The offer should be complete with DC motor, the blower unit and associated AC Motor, and any special handling tools required.

1.5 Bidder should submit credentials regarding having an adequate and self-sufficient service and repair set-up, backed up with supply of materials and technical know-how from the OEM, placed in an easily accessible and well connected (by road/ train) location in India; in addition, credentials in support of the service set-up having serviced minimum 10 (Ten) nos. of DC motors of 900 HP or greater than 900 HP in the last 5 (five) years preceding to the original bid closing

date of the tender. Moreover, the service setup should have technical tie up only with OEM in case bidder is not OEM.

Credentials in support of servicing such motors can be in the form of Client orders, Invoices, Service sheets signed by client and service set-up, Client / Third Party inspection reports, etc., clearly mentioning the service facility, type of motor and date of service.

Note : This clause will however, not apply for suppliers / OEM who have supplied such motors to Oil India in the past. OIL's order Nos. executed are to be indicated in the offer

1.6. The bidder should be a manufacturer/OEM of the motors. If bidder is not manufacturer / OEM, then his bid shall be accompanied with an authorization letter for quoting against this particular Tender from the Manufacturer / OEM who meet the experience & other criteria as mentioned above. Manufacturer will also certify for providing back up warranty.

2. Bidder should categorically confirm in the technical bid a delivery schedule within Eight (08) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within Eight (08) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.

B. FINANCIAL:

1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **US\$ 2,66,994.00 or INR 185.00 Lacs** during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.

2.0 "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the original bid closing date of the tender (i.e. FY 2017-18).

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 2017-18 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-D.

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\$.

C. COMMERCIAL:

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

- 1.0 Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. 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.
- 2.0 The prices offered shall 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.
- 3.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies, if any). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.
- 4.0 Bids containing incorrect statement shall be rejected.
- 5.0 Validity of the bid shall be **minimum 120 days** from the date of actual Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 6.0 **Bid security of INR 7,40,000.00 OR US\$ 10,680.00;** 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.** 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.

- 6.1 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).

For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.

- 6.2 Bank Guarantee towards Bid Security shall remain valid up to **05.07.2019**.

- 7.0 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 18 months from the date of shipment/dispatch or twelve (12) months from the date of successful 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.

- 8.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten (10%) of total evaluated value of Order, which should remain valid throughout the period execution, including extension, if any and the entire warranty period in line with tender requirement. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

- 9.0 Offers should be submitted along with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

- 10.0 All the tendered items (i.e Item No. 10 & 20) are to be procured from the same source; hence bidders are requested to quote accordingly for all the items, else their bid will be rejected straightway.

- 11.0 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)	Unit Material Cost :
(B)	Total Material Cost (Unit Material Cost X 10):
(C)	Total Pre-dispatch inspection costs (if any):
(D)	Total Packing & FOB Charges:

(E)	Total FOB Port of Shipment value, (B+C+D):
(F)	Ocean Freight Charges upto Kolkata, India:
(G)	Banking & Insurance Charges @ 1.5% on Total FOB Value vide (E) above:
(H)	Total CIF Kolkata value, (E + F + G):
(I)	IGST @ 5% on (H):
(J)	Compensatory Cess on (I), If any:
(K)	Total CIF + IGST Landed Value (H + I + J):
(L)	Grand Total value in words:
(M)	Gross Weight :
(N)	Gross Volume :

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

(A)	Unit Materials Cost :
(B)	Total Material cost (Unit Material Cost X 10):
(C)	Total Pre-dispatch inspection costs (if any):
(D)	Total Packing and Forwarding Charges:
(E)	Total Ex-works value, (B + C + D) above:
(F)	GST on (E) above:
(G)	Compensatory Cess, If any on (F) :
(H)	Total FOR Despatching Station value (E + F + G) :
(I)	Inland Freight Charges upto Duliajan, Assam including GST :
(J)	GST included Transit Insurance Charges @ 0.5 % of (H):
(K)	Total FOR Duliajan value, (H + I + J) above :
(L)	Grand Total value in words:
(M)	Gross Weight :
(N)	Gross Volume :
(O)	Import Content, if any:

Note : i) Please indicate HSN Code of the quoted material. Cost of the individual items should be shown separately and total thereto should be shown as called in the Price Bid Format (SUMMARY).

ii) Bidders are advised to quote pre-despatch inspection costs (if any). All to & fro travel expenses, boarding, lodging expenses of OIL representative shall be borne by OIL.

iii) Domestic Bidders must quote inland freight charges upto Duliajan. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

iv) The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence, applicable customs duty for import of goods shall be zero. However, IGST @5% shall be applicable during import. IGST /Concessional GST @5% shall be applicable for Indigenous bidders also. Indigenous bidders must quote Deemed Export prices. OIL will issue Project Authority Certificate (PAC) under Deemed Export benefit, where import content is declared by the bidder for availing

Advance Licence for intermediate Supply. However, Indian bidders will not be issued Recommendatory Letter.

12.0 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)

The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per General Terms and Conditions for Global Tender and the Bid Evaluation Criteria given below:

- 1.0 The evaluation of bids shall be done as per the Price Bid Format (SUMMARY) provided under (I), (C), BRC Commercial Para 11.0 and detailed below.
- 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, bid prices shall be converted into Indian Rupees and the comparison of responsive bids shall be made as under, subject to corrections / adjustments, if any.

4.1 When only foreign bidders are involved:

Comparison of bids will be done on the basis of "TOTAL VALUE" as mentioned in para **11.0, (i), (K) of BRC Commercial** above.

NOTE: *Banking charge in the country of the foreign bidder shall be borne by the bidder. Banking charge 1% for payment through Letter of Credit. If confirmed L/C at buyer's account is required, 1.5 % will be loaded.

4.2 When only domestic bidders are involved:

Comparison of bids will be done on the basis of "TOTAL VALUE" as mentioned in para **11.0, (ii), (K) of BRC Commercial** above.

4.3 When both foreign and domestic bidders are involved:

The Grand Total Value of domestic bidder **as per para 11.0, (ii), (K) of BRC Commercial excluding (I + J) i.e** Grand Total Value of domestic bidder excluding inland transportation charges including GST and Insurance charges including GST worked out as above and Grand Total Value of the foreign bidder worked out **as per para 11.0, (i), (K) of BRC Commercial** will be compared.

Note: When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Grand Total Value basis. 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 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 shall prevail.

Note: BUY BACK OF OLD MOTORS (OPTIONAL):

1. The bidder (purchaser) shall offer BUY BACK price of the existing **10 Numbers of BHEL Make; 900 HP, DC motor, Model 4903 BX.**

2. BUY BACK Price shall be exclusive of GST & other Govt. taxes, levies prevailing at the time of sale which will be payable extra by the purchaser. **Price shall be quoted separately in the Price Bid indicating Unit Rate and Total thereof for 10 Numbers.**

3. Please refer to SPECIAL NOTE FOR BIDDERS Para 11.0 of Annexure-A for further details on buy back provisions.

CHECK LIST

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

COMMERCIAL

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Supply House	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
3.0	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format Sent separately? If YES, provide details	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
3.1	For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Whether (MSE Vendors) furnished a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender. (Please refer Clause No. Para 6.1 of Commercial BRC)	Yes / No
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 120 days from the bid closing date of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of NIT Payment Terms	Yes / No
5.0	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
5.1	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
6.0	Whether Price submitted as per Price Schedule of the tender?	Yes / No
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No

8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	Yes / No
9.3	Whether Indian Agent applicable ?	Yes / No
	If YES, whether following details of Indian Agent provided?	
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	(c) Whether agency commission included in quoted material value?	
10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
10.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
10.3	For Indian Bidders only - Whether indicated import content in the offer?	Yes / No
10.4	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No
11.0	Whether all BRC/BEC clauses accepted ?	Yes / No
12.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
12.1	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No
12.2	Whether all Financial documents as per BRC Financial have been uploaded?	Yes / No

Signature _____

Name _____

Designation _____

Technical Check List

ITEM DESCRIPTION: DC MOTOR WITH ATTACHED/ MATCHED BLOWER

A DATASHEET FOR THE DC MOTOR				
1	Vintage of Motor	Vintage of Motor: Is the offered Motor brand new and not reconstructed / rebuilt (YES / NO).		
2	Type	Type: Identical to BHEL make 4903 CX DC Motor? (Yes / No). Have you submitted the Motor dimensional drawings along with bid? The drawings should show the Blower mounted on the DC motor frame.		
3	Continuous Rating:	a. Power (in HP):		
		b. Speed (in RPM):		
		c. Voltage:		
		d. Current (in Amps):		
		e. Torque (at rated armature and field currents):		
		f. Ambient Temperature:		
4	One Hour Rating:	a. Power (in HP):		
		b. Speed (in RPM):		
		c. Voltage:		
		d. Current (in Amps):		
5	Maximum Rating	a. Power (in HP):		
		b. Speed (in RPM):		
		c. Voltage:		
		d. Current (in Amps):		
6	Field:	a. Interpoles:		
		b. Shunt or Series:		
7	Excitation:	a. Voltage (Range in DC volts):		
		b. Current:		
8	Insulation:	a. Voltage level:		
		b. Thermal Class:		
9	Ventilation:	a. Frame mounted Blower motor provided? (YES / NO):		
		b. Air flow rate (in cfm):		

		c. Air Flow relay/ Pressure Switch fitted? (YES / NO):		
10	Connections:	a. One 20 pin control socket with male pins (Pyle National Make) provided? (YES / NO)		
		b. Power sockets each for positive and negative power terminals provided? (YES / NO)		
11	Terminal Box:	a. Position of terminal box (when looking from DE towards NDE) - (LEFT / RIGHT)		
		b. Terminal Box is of Pressurized type? (YES / NO)		
		c. DC Motor cutout switch provided inside the terminal box? (YES / NO)		
12	Coupling Hub	Drive Hub fitted on shaft? (YES / NO): Please attach drawing or details of Hub.		
13	Weight:	Weight of DC motor (with blower and all attachments fitted) in Kg:		
14	Make:	a. Make of DC motor (Name of Manufacturer of DC motor):		
		b. Model of DC motor:		
15	Suitability with existing setup:	a. Can the motor be run from Hill-Graham design DC module controlled supply? (YES / NO).		
		b. Are the mechanical and electrical characteristics similar to BHEL 4903CX type DC motor? (YES / NO)		
		c. Have you provided dimensional drawings for the DC motor along with the bid? (YES / NO)		
B	DATA SHEET FOR THE BLOWER UNIT			

1	Air Flow Rate	Air Flow Rate in cubic feet per minute (cfm):		
2	Motor Specification:	a. Power Rating (in HP / kW):		
		b. Voltage:		
		c. Phases:		
		d. Frequency:		
		e. Enclosure Type FLP (Ex-d)? (Yes / No)		
3	Air Flow Relay/ Pressure Switch	Air Flow Relay/ Pressure Switch does not have any projecting part (Yes / No).		
4	Blower Unit	The Blower Unit is mounted on the DC motor frame (Yes / No).		
5	Test Certificates:	Valid test certificates from CIMFR/ recognized lab of country of origin approval available for the blower motor? Motor should be suitable for Hazardous area Zone 1, Gas groups 2A and 2B:		
		When will you provide copies of approval for the blower motor? (With bid / During Pre-dispatch Inspection)		

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

TO 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**

ANNEXURE- E

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)
<u>MATERIAL DESCRIPTION, TECHNICAL SPECIFICATIONS & QUANTITY</u>			
(Item Number 10)	<p>DC MOTOR WITH ATTACHED/ MATCHED BLOWER Position of motor terminal box should be on LHS, looking from "the drive end towards the NDE".</p> <p>Quantity : 6 (Six) Number</p> <p>1000 HP drilling motor; single shaft extension, heavy duty, direct current, four pole, separately excited machine provided with interpoles and TIG welded, lap wound fully equalized armature coil connections. Motor should be suitable for oilfield duty, and be used to drive Draw Works / Rotary / Mud Pump. Motor is intended as spare for BHEL motor 4903CX, and as such, should be identical to this model in all respects.</p> <p>1.0 DC MOTOR SPECIFICATIONS:</p> <p>1.1 Continuous Rating: 1000 HP @ 1050 RPM, 750VDC, 1050Amps, 45DegC ambient.</p>		

	<p>1.2 One hour rating: 1040 HP @ 1100 RPM, 750VDC, 1100 Amps</p> <p>1.3 Max Values - 830 VDC, 1300 Amps, 1300 RPM</p> <p>1.4 Torque - 5000 lb-ft (nominal)</p> <p>1.5 Rotation - Bi-directional</p> <p>1.6 Field - Separately excited Shunt Field with interpoles.</p> <p>1.7 Excitation current - Adjustable up to 60 Amps</p> <p>1.8 Insulation Level - 1300 Volts</p> <p>1.9 Insulation Class - Class -"H" both on armature and field coils</p> <p>1.10 Weight of motor with blower - 3500 Kg (approx)</p> <p>1.11 Make and model - Should be identical in all respects to BHEL DC motor Model 4903 CX, to ensure interchangeability with existing motor range. Bidder should specify make and model of the offered motors along with the offer.</p> <p>1.12 Motor Terminal Box - Pressurized type</p> <p>1.13 Position of motor terminal box - on LHS, looking from the drive end towards the NDE</p> <p>1.14 Cable entry glands - Single compression cable glands, suitable for 300 mm² EPR/ EVA single core, unarmoured cables. Unused cable entry ports should be plugged. Cable</p>		
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	<p>entry should be from bottom of cable box.</p> <p>1.15 Cooling / Ventilation - Type IC06 - Forced Ventilation by blower unit mounted on motor frame. Air flow 2900 cfm (with static pressure of 210 mm WG)</p> <p>1.16 Air Flow Relay/ Pressure Switch - One air flow relay or Pressure Switch to monitor air flow from the blower unit, fitted with 1 NO + 1 NC auxiliary changeover contact. Contact rating - 5A, 230 VAC. This relay should be located preferably in the Blower housing, flush mounted without projecting part.</p> <p>2.0 CONNECTIONS:</p> <p>2.1 Power: Plug and socket (lockable) terminals (suitable for 300mm² size single core EPR/ EVA/HOFR cable), located in Cable / Terminal box Make - Pyle National</p> <p>2.2 Control: One number 20 pin control socket with male pins; located in cable / terminal box. Make - Pyle National</p> <p>2.3 Connections should be plug-in type for both power and control cables. All control connections to be terminated on suitably rated and properly labeled TB inside the cable box.</p> <p>2.4 All cable entry should be from bottom of Terminal box</p> <p>2.5 Cut-out switch to be provided on frame or Terminal Box to electrically isolate the motor during servicing / repair. The cut-out switch should be 2 pole, 4 position rotary type, and</p>		
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	<p>mounted inside the cable box</p> <p>2.6 Space (Anti-condensation) Heater - 225 Watts, 230 VAC single phase space heater.</p> <p>2.7 Mounting - Horizontal foot mounted</p> <p>3.0 COUPLING HUB:</p> <p>Motor should be fitted with a coupling hub similar to "BHEL drawing D4775882". The bidder should submit the drawings along with the offer.</p> <p>4.0 CONSTRUCTIONAL FEATURES OF DC MOTOR:</p> <p>4.1 Cast cum fabricated magnet frame design and box type rugged frame construction with mounting feet.</p> <p>4.2 High quality electrical varnished sheet steel for armature punching.</p> <p>4.3 Armature endplate with fan effect for providing better ventilation.</p> <p>4.4 Commutator to be built up from silver bearing copper & mica segments and clamped by Commutator spider and V-ring with `V' ring insulations made from alkyd vinyl mica bonded material. Commutator to be of arch-bound construction.</p> <p>4.5 Tungsten inert gas (TIG) welding for commutator riser parts for high temperature withstand and better reliability.</p> <p>4.6 Proven insulation system with VPI resin for armature & field coils.</p>		
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	<p>4.7 Flexible cable connections for brush gear & compole coils to provide against vibration.</p> <p>4.8 Split carbon brushes with rubber tops.</p> <p>4.9 Arcing horns & arching rings for creating an arcing gap direct to earth and to protect the commutator in the event of flashover.</p> <p>4.10 Bottom cable entry.</p> <p>4.11 Splash guards on air outlet.</p> <p>4.12 Inspection windows for commutator and brushes to be provided at convenient locations.</p> <p>4.13 All slits, openings through which rain water can seep inside should be adequately sealed.</p> <p>5.0. BLOWER:</p> <p>Centrifugal type Blower unit should be mounted on DC motor frame, and driven by one AC motor for pressurizing, cooling and purging the DC motor and cable box. Blower motor speed should be constant, independent of DC motor speed.</p> <p>5.1 Fan speed - 2880 RPM, capacity - 2900 cfm; Static pressure - 210 mm WG</p> <p>5.2 Direction of discharge - counter clock-wise, down blast.</p> <p>5.3 Rating of motor - 7.5 HP, 3 Phase, 415 Volts, 50 Hz, Continuous rated Squirrel cage Induction motor. Motor should</p>		
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	<p>be rated for DOL starting.</p> <p>5.4 Insulation Class - "B"</p> <p>5.5 Motor Speed - 3000 RPM (synch)</p> <p>5.6 Motor frame size - 132M</p> <p>5.7 Connections - All connections to be through double compression FLP cable glands suitable for unarmoured EPR/EVA cables of OD 16 mm. Unused cable entry ports should be plugged with metal plugs.</p> <p>5.8 Cable Box to be on the side (LHS / RHS) of the motor.</p> <p>5.9 Air Flow Relay or Pressure Switch - One air flow relay or Pressure Switch to monitor air flow to the DC motor from the blower unit, fitted with 1 NO + 1 NC auxiliary changeover contact. Contact rating - 5A, 230 VAC. This relay should be located inside the Blower housing, flush mounted without projecting part.</p> <p>5.10 Direction of rotation of the blower fan should be marked permanently and prominently on the outer surface of the blower unit.</p> <p>5.11 Enclosure to be IP 55 and FLP (Confirming to IEC 60529; IS / IEC 60079-1).</p> <p>5.12 Motor and its Enclosure should be approved by CIMFR/ recognized laboratory of country of origin for use in Oilfields hazardous area Zones 1 and 2, Gas groups 2A and 2B. Copy of valid test certificates for the make and model of AC motor should be supplied.</p>		
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<p>5.13 Std.: Latest versions of IS 325; IEC 60529; IS/IEC 60079-1.</p> <p>5.14 Make - Crompton Greaves / Kirloskar or equivalent</p> <p>6.0 SPARES:</p> <p>A list of spares required, with prices, for all motors (AC and DC) should be submitted along with the price bid. However, the price will not be considered for bid evaluation. This list should cover spares requirement for two years of operation, for all motors (AC & DC) forming part of the bid.</p> <p>7.0. O&M MANUALS & TEST REPORTS:</p> <p>Operation and maintenance manuals for the motors (for all the DC & AC motors) shall be submitted along with the supply of motors (3 copies for each of the motors). Total 4 (four) sets of soft copies (in flash drive format) and three sets of hard (paper) copies of the manuals shall also be submitted along with the motors.</p> <p>Reports of tests conducted on the motors (Type / Routine / Load tests) shall be provided to Oil India along with the supply of the motors.</p> <p>8.0. PACKING AND DESPATCH TO OIL SITE AT DULIAJAN, ASSAM, INDIA:</p> <p>The DC motors shall be dispatched to Oil India's designated site at Duliajan, Assam, India. Motors shall be sent from manufacturer's works fully fitted, and ready to be commissioned at drilling sites.</p>		
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	<p>All Electrical components (Motors etc.) shall be packed suitably to avoid ingress of rain, moisture and dust; and to withstand the rigours of travel, as well as storage before final commissioning.</p> <p>9.0. TEST CERTIFICATES:</p> <p>Bidders should take special note of the following essential requirement:</p> <p>The Blower motor shall be FLP type and should be suitable for use in hazardous areas of Zone I and Gas group IIA & IIB of Oil Mines and shall conform to IS/IEC/EN:60079-0:2011 & IS/IEC/EN:60079-1:2007 as per clause no. 107 of OMR-2017 and subsequent notifications of DGMS. The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.</p> <p>Bidder shall provide copies of above test reports along with technical bid. In case such test reports is not available at bid submission stage, the bidder shall arrange for the test reports of the motor and submit copies of the test reports at the time of final inspection by OIL's representative failing which dispatch clearance will not be given.</p> <p>10.0. TESTING AND INSPECTION:</p> <p>Motors shall be inspected at Manufacturer works. This inspection may be in stages (including inspection of tests on motors), or final performance testing and inspection before dispatch, by engineers from Oil India.</p>		
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	<p>The motors shall be tested according to manufacturer's standard test procedures, to demonstrate conformance with all required specifications. Engineers from Oil India shall witness these tests, and record results thereof.</p> <p>Manufacturer should give inspection calls to Oil India at least 30 days in advance. All test reports, certificates; approvals etc. pertaining to the motors should be furnished during final pre-despatch inspection. However, such inspection will not relieve the supplier of his responsibility to ensure that the items supplied is free from all manufacturing defects and conforms to correct specification.</p> <p>11.0. MOTORS TO BE SIMILAR TO EXISTING DC MOTORS:</p> <p>DC Motor footprint, shaft and other details (Electrical and mechanical) should exactly match with M/S BHEL make DC motor, 1000HP, model 4903CX, for compatibility and replacement with existing motors.</p> <p>12.0. POWER SUPPLY FOR DC MOTOR:</p> <p>The DC motor will be run from AC-SCR panels inside PCRs of Drilling Rigs. DC power supply from these panels is controlled by Hill-Graham designed drives called "DC Modules". Field excitation supply for the motors is also from Hill-Graham design field excitation PCB modules.</p> <p>13.0. SUBMISSION OF DRAWINGS:</p> <p>Detailed dimensional/GA drawings of the DC motor including foot-print, shaft height (with accessories like blower unit, coupling hub etc.), wiring diagram of the DC motor terminal</p>		
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	block (to control socket) and DC motor characteristics shall be submitted by the bidder along with the bid/quotation. Another set of drawings should be submitted by approved bidder, and these drawings shall be approved by OIL before actual assembly.		
(Item Number 20)	<p>DC MOTOR WITH ATTACHED/ MATCHED BLOWER</p> <p>Position of motor terminal box should be on RHS, looking from "the drive end towards the NDE".</p> <p>Quantity : 4 (Four) Number</p> <p>Technical specification & other requirements exactly same as Item No. 10 above, except DC Motor Specifications Point No:1.13 i.e. Position of motor terminal box - on RHS, looking from "the drive end towards the NDE".</p>		
SPECIAL NOTE FOR BIDDERS:			
1.	Any third party details / materials required and obtained by the successful bidder through Oil India, to complete the DC Motor design and supply shall be kept safe and confidential. All such material shall be returned to Oil India after completion of related job. Any materials or information about Oil India, obtained by the successful bidder during execution of this job shall be kept confidential, returned to Oil India, or properly disposed of.		
2.	Motors must be new and in unused condition. No reconstructed/ rebuilt motors will be acceptable.		
3.	DC Motors shall be used in parallel with the existing BHEL make CX type DC motors in 2000 HP Draw-works / 1600 HP slush pump application. Therefore, Motors shall be identical in all respect (electrically and mechanically) to OIL's existing 1000 HP DC shunt motors (model 4903 CX) manufactured by M/s BHEL, Bhopal (India).		

4.	<p>Manufacturer must have adequate and self-sufficient service and repair set-up, backed up with supply of materials and technical know-how from the OEM, placed in an easily accessible and well connected (by road/ train) location in India. Also, the service set-up must have experience of servicing minimum 10 (ten) nos. of DC motors of 900 HP or greater than 900HP in the last 3 (three) years. Moreover, the service setup should have technical tie up only with OEM in case bidder is not OEM.</p> <p>Bidder/ manufacturer shall submit credentials in support of this with their quotation.</p>		
5.	<p>Detailed dimensional/GA drawings of the DC motor including foot-print, shaft height (with accessories like blower unit, coupling hub etc.), wiring diagram of the DC motor terminal block (to control plug) and DC motor characteristics shall be submitted by the bidder along with the quotation.</p> <p>Drawings shall be approved by OIL before actual assembly/ manufacturing</p>		
6.	<p>Motors shall be inspected at Manufacturer works. This inspection may be in stages (including inspection of tests on motors), or final performance testing and inspection before dispatch, by engineers from Oil India.</p> <p>The motors shall be tested according to manufacturer's standard test procedures, to demonstrate conformance with all required specifications. Engineers from Oil India shall witness these tests, and record results thereof.</p> <p>Manufacturer should give inspection calls to Oil India at least 30 days in advance. All test reports, certificates; approvals etc. pertaining to the motors should be furnished during final pre-dispatch inspection. However, such inspection will not relieve the supplier of his responsibility to ensure that the items supplied is free from all manufacturing defects and conforms to correct specification.</p>		

7.	Test certificates/reports for the blower motors shall be submitted at the time of final inspection by OIL's representative failing which dispatch clearance will not be given.		
8.	Packing should be adequate to avoid transit damage and water/ moisture ingress.		
9.	Motors shall be warranted for a period of 18 months from the date of supply or 12 months from the date of commissioning of all the motors whichever is earlier..		
10.	Operation and Maintenance manuals for the motors (for both the DC & AC blower motors) shall be submitted along with the supply of motors (3 copies for each of the motors). Total 4 (four) sets of soft copies (in compact disc format) of the manuals shall also be submitted along with the motors.		
11.	<p><u>BUY BACK OF OLD MOTORS (OPTIONAL):</u></p> <p>11.1 The bidder (purchaser) shall offer BUY BACK price of the existing 10 Numbers of BHEL Make; 900 HP, DC motor, Model 4903 BX.</p> <p>11.2 It is advisable that the purchaser should carry out reconnaissance survey of as- is-where-is condition of above DC Motors, prior to offer BUY BACK Price.</p> <p>11.3 The bidder shall quote BUY BACK Price, exclusive of GST & other Govt. taxes, levies prevailing at the time of sale which will be payable extra by the purchaser. Price shall quoted separately in the Price Bid indicating Unit Rate and Total thereof for 10 Numbers.</p> <p>11.4 The BUY BACK Price of old DC motors shall be firm and valid for minimum 2 (two) years from the date of bid opening.</p> <p>11.5 OIL INDIA LIMITED (OIL) reserves the right to reject any</p>		

	<p>or all offered BUY BACK Price, if it considers the offered rate as not reasonable.</p> <p>11.6 OIL will award separate Sale Order for old DC motors to the Purchaser whose BUY BACK Price has been determined as the highest evaluated bid.</p> <p>11.7 Purchaser shall be intimated well in advance regarding lifting of old motors. Sale Invoice will be raised by OIL for the quantity of old DC motors prior to lifting/delivery. The purchaser will deposit the cost of the product along with applicable GST & other Govt. taxes, levies. Thereafter, the handover of the old motors will be from Electrical Engineering Department, Oil Indian Limited, Duliajan. Handing over old motors shall be in 2 lots as under:</p> <p>I. First 5 motors will be handed over after 1 month from the date of successful commissioning of the first New DC motor at site.</p> <p>II. Remaining 5 motors will be handed over after 1 month from the date of successful commissioning of the last New DC motor at site.</p> <p>11.8 All the documentation related to export formalities; if any, Packaging, Loading and Transportation, Insurance of the Old motors from Electrical Engineering Department, Oil Indian Limited, Duliajan will be in the scope of the Purchaser.</p>		
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TECHNICAL EVALUATION MATRIX (TO BE FILLED IN BY BIDDER DULY SIGNED)			
BID REJECTION CRITERIA- A. TECHNICAL			
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)
1.1	All equipment offered should be new, of recent manufacture, and not reconstructed or re-built.		
1.2	DC motors to be exact replacement of BHEL (India) make 1000 HP, DC motor, model 4903 CX. The offer must be complete with catalogue/ literature and drawings; otherwise the offer will be liable for rejection.		
1.3	<p>The DC motor "rugged and field proven" which should be capable of Oil Rig Drilling application (Draw-works and Mud pumps), and of heavy and sturdy frame. The bidder should submit credentials along with the offer of at least 5 (Five) similar motors running successfully in oilfield drilling rig duty during last 5 (five) years preceding to the original bid closing date of the tender.</p> <p>Documentary evidence to substantiate above should be submitted in the form of copies of relevant Purchase Orders along with copies of signed and sealed successful installation &</p>		

	<p>commissioning report (in original on user's letter head)/ or any other signed and sealed documentary evidence which confirms that the past supply has been successfully commissioned. Additionally, any of the following documents should be submitted in respect of satisfactory execution of each of those relevant Purchase Orders:</p> <p>(i) Bill of Lading (OR) (ii) Consignee delivery receipt / challan (OR) (iii) Central Excise Gate Pass / Tax Invoice issued under relevant rules of Central Excise / Vat / GST (OR) (iv) Commercial Invoice / Payment Invoice</p> <p>Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the installation & commissioning of supply should be within 5 (five) years preceding original bid closing date of this tender.</p>		
1.4	<p>The offer should be complete with DC motor, the blower unit and associated AC Motor, and any special handling tools required.</p>		
1.5	<p>Bidder should submit credentials regarding having an adequate and self-sufficient service and repair set-up, backed up with supply of materials and technical know-how from the OEM, placed in an easily accessible and well connected (by road/ train) location in India; in addition, credentials in support of the service set-up having serviced minimum 10 (Ten) nos. of DC motors of 900 HP or greater than 900 HP in the last 5 (five) years preceding to the original bid closing date of the tender. Moreover, the service setup should have technical tie up only with OEM in case bidder is not OEM.</p> <p>Credentials in support of servicing such motors can be in the form of Client orders, Invoices, Service sheets signed by client and service set-up, Client / Third Party inspection reports, etc.,</p>		

	<p>clearly mentioning the service facility, type of motor and date of service.</p> <p>Note : This clause will however, not apply for suppliers / OEM who have supplied such motors to Oil India in the past. OIL's order Nos. executed are to be indicated in the offer</p>		
1.6	<p>The bidder should be a manufacturer/OEM of the motors. If bidder is not manufacturer / OEM, then his bid shall be accompanied with an authorization letter for quoting against this particular Tender from the Manufacturer / OEM who meet the experience & other criteria as mentioned above. Manufacturer will also certify for providing back up warranty.</p>		
2.	<p>Bidder should categorically confirm in the technical bid a delivery schedule within Eight (08) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within Eight (08) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.</p>		
