

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

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Tender No. & Date : **SDG1518P20/06 dated: 27.05.2019**

Tender Fee : **NOT APPLICABLE**

Bid Security Amount : **INR 93,360.00 OR USD 1,330.00**

Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM

Bid Closing on : **07.08.2019 (at 11.00 Hrs. IST)**

Bid Opening on : **07.08.2019 (at14.00 Hrs. IST)**

Bid Validity : Bid should be valid for 90 days from bid closing

date.

Bid Bond Validity : Bid Bond Should be valid up to 03.02.2020

Performance Guarantee : Applicable @ 10% of Order value

OIL INDIA LIMITED invites Global Tenders for Supply of Electric Motor Driven HPU as detailed in Annexure-I.

List of Annexures

Applicable

Annexure-I-Specification and various notes to bidders

Annexure- II- Bid evaluation & Rejection Criteria

Annexure- III - Check List (Commercial & technical)

Annexure-IV - Certificate of Annual Turnover & Net

Worth

Annexure-V – Technical Evaluation Matrix (Technical

Specifications)

Annexure - VI - Technical Evaluation Matrix

(BEC/BRC)

Format-A-No Deviation Confirmation

Annexure-K-Format of undertaking by Bidders

towards submission of authentic

information/documents

Annexure- IA – PPLC Clause

AA:: SPECIFICATION& QUANTITY OF THE ITEMS TO BE PROCURED

Item no	Material Description	Quantity
10	A. SKID MOUNTED HYDRAULIC POWER UNIT DRIVEN BY 60 HP ELECTRIC MOTOR WITH HYDRAULIC PUMP AND COMPLETE WITH HOSES HAVING THE FOLLOWING SPECIFICATION AND FEATURES FOR EACH UNIT: 02 NUMBERS	02 Nos.
	a) DETAILS OF MOTOR (Quantity 1 no):	
	Flame proof, squirrel cage induction motor suitable for hazardous areas of oilfields, Zone I and Gas group IIA & II B, and, conforming to IS/IEC 60079-0:2011 & IS/IEC 60079-1 :2007 with latest amendments/revisions.	
	Parameter Requirement Power Rating 60 HP Voltage 415VAC + 10% Frequency 50 Hz + 5% Phases 3 (Three Phase) Rated pf 0.8 or better Insulation Class "F" with temperature limited to Class "B" Temperature Class T4 as per IEC Ambient Temperature 45 DegC Humidity 95 % Frame Size E225 as per IS 1231 RPM 1500 Enclosure protection IP 55 (minimum) Enclosure type Ex-d Duty cycle S1 (Continuous) Cooling TEFC (Totally Enclosed Fan Cooled) Mounting B3 (Foot mounted) Rotation Bi-directional Efficiency IE2 Class (Minimum) Starting Star Delta starting	
	Make Kirloskar / CGL / Marathon / LHP / BB	
	b) DETAILS OF STARTER (Quantity 1 No):	
	1) Flame proof (Type Ex-d) Star Delta starter, suitable for the above motor with a provision for local and remote start/stop and over current protection. The minimum rating of the starter should be 60 HP. Starter should be mounted suitably on the same skid. Make and certifications are to be indicated in the quotation.	
	2) The Motor Starter shall have Hand/OFF/Auto (HOA) mode selector switch to allow user to run the motor manually, as well as with all interlocks in place ("Auto" mode).	

- 3) The starter should contain the following features:
- i) Contactors for motor starting duty (Star Delta), rated for the motor supplied.
- ii) Overload Relay with hand (Manual) /auto reset. The manual reset function should be carried out without opening the starter cover.
- iii) Start-Stop push buttons to start and stop the motor; with all interlocks in place.
- iv) 415V AC control coil in the contactor (as the system has no neutral wire).
- v) It should be provided with suitable size flame proof double compression glands for one incoming copper power cable and 2 numbers outgoing copper power cables. One more suitable size flame proof double compression cable gland should be provided for connecting copper cable for remote flame proof PBS fitted with Start and Stop push buttons. Provision for additional cable entry may be provided, if needed.
- vi) One flame proof remote start/stop push button station with suitable flame proof double compression gland and 30 meter long EPR insulated copper cable should also be supplied.
- vii) Starter must be mounted with Strong & Rigid bracket.
- 4) The bidder should note that Electrical System available at the well-site is 3 phase 3 wire, without neutral. The motor starting and running system should thus be designed for 3 phase 3 wire system, without neutral.
- 5) Bidders are required to forward details of all the components used in the starter panel, like contactor, O/L relay and other protective devices, i.e. fuses, switches, etc. with its make and rating.
- c) DETAILS OF PUSH BUTTON STATION (Quantity 1 no):
- 1) A PBS should be supplied for remote Start / Stop of the motor. The START/ STOP Push Button Switch should be Flameproof (Type Ex-d, as per IS/IEC 60079-1), suitable for hazardous areas of oilfields, Zone I and Gas group IIA & II B, with provisions of cable entry and exit through double compression cable glands.
- 2) The PBS should feature start and Stop buttons.
- 3) Control circuits / Push buttons for motor is located in hazardous areas and hence shall be powered by intrinsically safe circuits. The circuit voltage of the PBS shall be 30 V or less.

Parameter Requirement

Ratings 10 Amps, 415V AC, 50 Hz

Components 1 NO + 1NC; RED for STOP and GREEN for START with mechanical interlock on STOP Button

Materials of construction Die Cast Aluminium Alloy LM6

Enclosure Flame proof Exd as per IS/IEC 60079-1

Protection IP-55 (minimum)

Finish Anti-corrosive Epoxy light Gray shade 631

Weight 2.25 Kg (approx)

Earthing Provision for one no earthing stud inside and two number

earthing stud outside of the PBS

Cable entry 2 nos, at bottom with 3/4" ET thread

Rain hood/canopy Suitable size canopy to be provided with PBS for rain water protection

Make CEAG/Sudhir/Baliga/FCG or equivalent

d) DETAILS OF JUNCTION BOX (Quantity 1no):

One Flame-proof Junction Box should be provided for connection of incoming, outgoing cables. Make and certifications are to be indicated in the quotation. This should be mounted in the same skid with motor. The Junction Box should be Flameproof (Type Ex-d, as per IS/IEC 60079-1), with provisions of cable entry and exit through double compression cable glands.

e) CABLES:

The inter connection between motor, starter and Junction Box to be done by supplier with suitable size (4 core x 35 sq. mm) EPR insulated and CSP sheathed, screened copper cable through explosion proof double compression cable glands.

Another 4 core X 1.5 sq. mm, 30 meter length EPR insulated and CSP sheathed, screened copper cable should be supplied for remote operation of the motor from the PBS.

- f) GENERAL NOTES (Electrical):
- i) Starter, PBS & Junction Box must be mounted with Strong & Rigid bracket.
- ii) Certified explosion-proof double compression cable gland should be fitted with the motor, starter, PBS and junction box. Bidders should confirm this in their quotation.
- iii) Electrical System available at the well-site is 3 phase 3 wire, without neutral. The motor starting and running system should thus be designed for 3 phase 3 wire system, without neutral.
- iv) Oil India shall provide one power cable from the source of power up to the Junction Box. All other cabling and control wiring is in the scope of supplier.
- v) The motor, Tank skid & Push Button should be provided with two distinct suitably rated body earthing points.
- vi) Wiring & schematic drawing of the electrical system and dimensional drawing of the motor must be provided along with the technical offer.
- vii) The Electrical system and relevant test reports shall be inspected / tested during pre-dispatch inspection at the manufacture's works. Dispatch clearance will be given only after successful completion of the same.

g) STATUTORY REQUIREMENT:

i) All flame- proof Electrical equipment like Motor, Starter, Remote switch, Cable glands etc. should be suitable for use in hazardous area of zone-I and gas group IIA & IIB in oil mine 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 bidders are to confirm the same while quoting.

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. The test certificate number shall be affixed or embossed on each piece of equipment. Copies of above certificates should be enclosed with the quotation as well as with the supply of materials.

- ii) All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be.
- h) 450 litres (approx.) capacity hydraulic oil reservoir, complete with baffles, drain level indicators, Filter & Breather assembly, Suction Strainer and Return Line Filter (10 micron).
- i) Hydraulic Gear Type Pump "Commercial" make P365 or equivalent with minimum flow rate of 65 GPM (246 LPM) at 1000 psi (70.3 kg/cm²) and minimum flow rate of 30 GPM (114 LPM) at 3000 psi (210.92 kg/cm²) with Maximum operating temperature of 80-85 degree Celsius & Normal operating temperature of 50-55 degree Celsius.
- j) The Hydraulic Unit should be complete with:
- i. Commercial make or equivalent Relief & Un-loader valve.
- ii. Commercial make or equivalent Check valve.
- iii. Double universal joint type coupling for prime mover & hydraulic unit.
- iv. 0-5000 psi (0-351.5 kg/cm2) dual scale pressure gauge.
- v) 70 GPM (265 LPM) cooling capacity heat exchanger with 1.1/4 inches (31.75 mm) inlet & outlet connector for oil and 1 inches (25.4 mm) inlet & outlet connection for water. The Heat Exchanger should be designed to maintain normal operating temperature of the Hydraulic oil (50-55 degree Celsius) during operation.
- k) The unit should be mounted on heavy duty oilfield skid with provision for lifting & overhead cage for accommodating 04 (four) numbers of inlet/outlet hoses & electrical cable (30 meter long) with remote switch. The dimensions should be restricted to 4 meters in length & 2 meters in width.
- 1) The hydraulic pump must be fitted outside the hydraulic oil reservoir.
- m) All hydraulic fittings, piping, etc. should be outside the oil reservoir. Hydraulic network should comprise of 01 inch (25.4 mm) high pressure steel pipes, swivels & hammer unions wherever required (MOC of piping

- CS). Any connections with rubber hose will not be acceptable.
- B) Accessories for above (For each unit):
- a) 1 inch ID x 75 feet (25.4 mm X 22.86 meters) high pressure hose, 5000 PSI (351.54 kg/sq cm) WP with self-sealing coupling (aero-quip type) and dust caps / plug companion = 4 Numbers
- b) 1.1/4 inch ID x 75 feet (31.75 mm X 22.86 meters) return hose, 1000 PSI (70.31 kg/sq cm) WP with self sealing coupling (aero equip type) and dust cap / plug.= 4 Nos.
- c) Starter for Electrical motor, with identical specifications as in "Details of Starter" above Quantity One Number.
- (d) Remote Push Button Station (identical to the RPBS, supplied along with the unit) Ouantity One Number.
- (e) Lifting eye, for lifting the motor Quantity One Number
- C) Operation, maintenance, service & instructions manuals having detailed Schematic drawing indicating each & every part with part numbers = Two (02) sets

BB:: SPECIAL NOTES TO BIDDERS:

- 1. Bidder should furnish detailed Catalogue, Drawing, and Literature (in printed form, not in computer media such as floppies or CDs) indicating all parts with part numbers along with the quotation in English language (US & UK). Bidder should also furnish single line diagram of motor starter & hydraulic line diagram of the Power unit along with the quotation.
- 2. Bidder should confirm that the items shall be brand new, unused & free from any defect. In the event of an order, the items should be guaranteed against any manufacturing defect, workmanship etc. for a period of 18 months from the date of dispatch or 12 months from the date of receipt whichever is earlier. In the event any item is found defective, then it should be replaced by the supplier free of cost without any burden on Oil India Limited. Bidders must confirm the same in their quotations.
- 3. Bidder should forward a list of recommended spares for three (03) 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.
- 4. Electrical / Electronic equipment should be CIMFR (or equivalent) certified. The CIMFR certificate number and relevant IS/ IEC Standards should be affixed or embossed on each piece of equipment. All Electrical / Electronic equipment should be

suitable for use in hazardous area of zone-I and gas group IIA & IIB in oil mine and shall conform to IS/IEC/EN: 60079-0:2011 & IS/IEC/EN: 60079-1:2007 and bidders are to confirm the same while quoting.

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. Copies of above certificates should be enclosed with the quotation as well as with the supply of materials.

All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be.

- 5. The Bidder should indicate the name of the manufacturer, the country of origin and port of dispatch of the materials.
- 6. Items in the event of order should be embossed (die stamping) with purchase order number & date. Bidders shall confirm compliance to the same while quoting.
- 7. Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
- 8. Bidder to sign and submit completely filled up Technical check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification.
- 9. Bidders are to quote for all the items as indicated in the NIT, failing which the bid will be rejected. The same should be confirmed by the Bidder in the technical bid.
- 10. Bidder should categorically confirm in the technical bid a delivery schedule within six (06) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within six (06) months after receipt of formal order(in case of indigenous bidder) failing which their offer will be rejected.

CC:: GENERAL NOTES TO BIDDERS:

Sl No	Clause description				
1.0	Tender fee is not applicable against this tender. Bidders to take note of the				
	following:				
	<u>1.</u> 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				
	2. 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.				
	3. 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.				
	4. 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 communications in this regard and request for bid closing date extension on that plea shall not be entertained by Company.				
2.0	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.				
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.				

- 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 DGM 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.
 - 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.

The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:

- a. (i) "MT760/ MT760 COV for issuance of bank guarantee
 - (ii) MT767/MT767 COV for amendment of bank guarantee

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.

- 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.
- 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 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.
- All the Bids must be Digitally Signed using "Class 3" digital certificate (e-commerce application) with organisation names 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.
- Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
- The tender is invited under **SINGLE STAGE-COMPOSITE 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.

Notes and Attachments

→ Only Price Details Should Be Uploaded

Technical attachments

→ All technical bid documents except price details

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.



- Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.
- 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.
- Quantity of Individual item may be increased or decreased at the time of final placement of order. The minimum FOB/FCA 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.
- 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. 15.0 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. 16.0 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. 17.0 Bidder to sign and submit completely filled up Technical & Commercial check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification failing which their offer will be rejected. 18.0 Payment terms: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) 19.0 Liquidated Damage: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). The applicable GST on the Liquidated Damage shall have to be borne by the Seller. Accordingly, the Liquidated Damage shall be recovered from the Seller along with applicable GST. 20.0 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 Amendment 25.04.2016 detailed the dated in MM/GLOBAL/01/2005. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. Bidders to note the same and to confirm its acceptance in their offers. The Bank Guarantee issued by bank must be routed through SFMS platform as per following details: (i) "MT760 / MT760 COV for issuance of bank guarantee a. (ii) MT767 / MT767 COV for amendment of bank guarantee 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. The vendor shall submit to OIL the copy of the SFMS message as b. sent by the issuing bank branch along with the original bank guarantee.

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 concessional rate of GST against Essentiality Certificate for invoice valuing 01 lakh and above.

In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export, where import content is declared by the bidder for availing Custom Duty benefit on the import content.

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.

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. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Policy details are available in **Annexure-IA**

23.0 Clauses related to GST

- 1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings:
 - (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, 2017and 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 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.
- 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.
- 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.

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

- 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.
- 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.

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

The bids shall in general conform to the specifications and terms and conditions given in the tender. Bids shall be rejected in case the goods offered do not conform to the required minimum/maximum parameters stipulated in the technical specifications and to the respective international / national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements will have to be particularly met by the bids, without which the same will be considered as non-responsive and be rejected.

A1. TECHNICAL

- 1. Bids are only invited from assembler / manufacturer of Hydraulic power unit.
- 2. The bidder should purchase the brought out items, if any, from the original equipment manufacturer (OEM) or authorized dealer of those items. Purchase documents should be provided along with the supply of the item. Bidder to confirm compliance of the same in the technical bid.
- 3. The bidder should have the experience of supplying at least 2 (two) numbers of similar Hydraulic Power Unit in the last 5 (five) years preceding the original bid closing date of this tender (either by them self or through their sole selling agent / distributor / dealer / supply house).
- 4. Documentary evidence to substantiate supply record should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of those Purchase Orders, such as:
- (i) Signed and sealed satisfactory supply / completion report (in original on user's letter head)

(OR)

(ii) Bill of Lading

(OR)

(iii) Consignee delivery receipt / challan

(OR)

(iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat/GST.

(OR

(v) Commercial Invoice/ Payment Invoice

Note:

- I. The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.
- II. The 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.
- III. Satisfactory supply / completion / installation report should be issued on company's letterhead with signature and stamp. Originals to be produced for verification on demand of OIL.

- 4.1 In case, for supplementing manufacturer's supply experience criteria (3 & 4), the manufacturer submits Purchase Order(s) and relevant documents which is through their sole selling agent / distributor / dealer / supply house, then following additional documents are also to be submitted:
- a) Copies of signed Purchase Order(s) / Contract agreement(s) between the manufacturer and the sole selling agent/distributor/dealer/supply house and copies of any of the following documents in respect of satisfactory execution of each of those Purchase Order(s)/Contract agreement(s).
- i) Bill of Lading (OR)
- ii) Commercial Invoice / Payment of Invoice of the OEM (OR)
- iii) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat/GST.
- 5. The Bidder must guarantee uninterrupted supply of spares and availability of service for at least 10 years with effect from delivery of the Item / product for the item / product to be supplied under the Tender / Order, if order is awarded to them by OIL.
- 6. Bidder should categorically confirm in the technical bid a delivery schedule within six (06) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within six (06) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.

A2. FINANCIAL CRITERIA:

- 1.0 **Annual Turnover**: The bidder shall have an annual financial turnover of minimum US\$ 33,380 OR INR 23.34 Lacs during any of the preceding 03 (three) financial years reckoned from the original bid closing date.
- 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 2018-19).
- 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 2018-19 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) Audited Balance Sheet alongwith Profit & Loss account. In case of Foreign bidders, self-attested/digitally signed printed published accounts are also acceptable.

- ii) 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-IV.
- 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\$.

A3. COMMERCIAL

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

- 1.0 Bids are invited under **Single Stage Composite Bid System**. Bidders shall quote accordingly under Single Stage Composite Bid System.
 - 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 90 days** from the date of actual Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 6.0 **Bid Security in ORIGINAL** shall be furnished by the Bidder as a part of their Bid. The amount of Bid Security & its validity shall be specified in the covering letter of this bid document. **Any bid not accompanied by a proper bid security in ORIGINAL shall 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).
- 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. 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 All the tendered items 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.
- 10.0 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) Basic Material Value (to indicate HSN code):
 - (B) Packing & FOB charges:
 - (C) FOB Value, A+B:
 - (D) Ocean Freight Charges upto Kolkata, India:
 - (E) Banking & Insurance, @1.5% of C:
 - (F) CIF Value, C+D+E:
 - (G) IGST @ 5% on F:
 - (H) Compensatory Cess, if any:
 - (I) CIF+IGST Landed Value, F+G+H:
 - (J) Total Value in words:
 - (K) Gross Weight:
 - (L) Gross Volume:
 - (ii) Price Bid Format (SUMMARY) for Indigenous Bidders:
 - (A) Basic Material Value (to indicate HSN code):
 - (B) Packing & Forwarding charges, if any:
 - (C) Total Ex-Works Value, A+B:
 - (D) Concessional rate of GST against EC on C:
 - (E) Compensatory Cess, if any:
 - (F) Total FOR Despatching Station Value, C+D+E:
 - (G) Inland Freight Charges upto Duliajan, Assam including GST:
 - (H) Transit Insurance Charges @0.5% on F, including GST:

- (I) Total FOR Duliajan Valve, F+G+H:
- (J) Total Value in words:
- (K) Gross Weight:
- (L) Gross Volume:
- (M) Import Content, if any:

Note: Concessional rate of GST @5% against EC shall be applicable if the invoice value is 01 lakh and above.

- 11.0 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
- 12.0 A bid shall be rejected straightway if it does not conform to any one of the following clauses:
 - a) Validity of bid shorter than the validity indicated in the Tender.
 - b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.
 - c) Bid Security with (i) validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

B) BID EVALUATION CRITERIA

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:

B.1 BID EVALUATION CRITERIA:

The bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria shall 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 in the Tender 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, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.
 - <u>Note:</u> 1) Domestic Bidders must quote inland freight charges up to 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.
 - 2) For enquiries with duty exemption benefit 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. Indigenous bidder shall be eligible for concessional rate of GST @5% against Essentiality Certificate for invoice valuing 10 lakh and above.

4.1 When only foreign bidders are involved:

The Total Value of Foreign bidder as worked out as per para **A.3 10.0 (i) I** shall be compared

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. And 1.5 % if confirmed LC at buyer's account is required.

4.2 When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response:

The Total Value of Domestic bidder as worked out as per para **A.3 10.0 (ii) I** shall be compared

4.3 When both foreign and domestic bidders are involved:

The Total Value of domestic bidder as worked out as per para **A.3 10.0 (ii) I excluding (G+H)** i.e Total Value of domestic bidder excluding inland transportation charges with GST and Insurance charges with GST above; vis-à-vis Total Value of the foreign bidder worked out as per Para **A.3 10.0 (i) I** above will be compared.

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.

COMMERCIAL CHECK LIST

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

(A). COMMERCIAL CHECK-LIST

<u>S1</u>		COMPLIANCE
<u>No</u>	REQUIREMENT	
	Whether bid submitted under Single Stage Composite Bid	Yes / No
1.0	System?	Voc. / No.
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	
2.2	If quoted as OEM Dealer / Supply House (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	Yes / No
	Revised FormatSent separately? If YES, provide details	
	(a) Amount:	
	(b) Name of issuing Bank:	
	(c) Validity of Bid Bond:	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 90 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 tender Payment Terms of 80% against shipment/dispatch documents and balance 20% after successful commissioning/testing along with commissioning/testing charges?	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 indicated in	Yes / No
0.0	the tender?	165 / 110
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 all Financial documents as per BRC Financial have been uploaded?	Yes / No

(B) TECHNICAL CHECK-LIST

1	Whether the hydraulic power unit feature hydraulic gear pump?	Yes/ No
2	Whether the hydraulic power unit is capable of delivering a flow rate of 65	Yes/ No
	GPM (246 LPM) at around 1000 psi (70.3 kg/cm ²) and 30 GPM (114 LPM) at around 3000 psi (210.92 kg/cm ²)?	
3	Whether the maximum operating temperature of the hydraulic power unit is 80-85 degree Celsius?	Yes/ No
4	Whether the normal operating temperature of the hydraulic power unit is 50-55 degree Celsius?	Yes/ No
5	Whether the capacity of the hydraulic oil reservoir is 450 liters (approx.) and is complete with baffles, drain level indicators, Filter & Breather assembly, Suction Strainer and Return Line Filter (10 micron)?	Yes/ No
6	Whether the hydraulic power unit will feature a 70 GPM (265 LPM) cooling capacity heat exchanger with 1.1/4 inches (31.75 mm) inlet & outlet connector for oil and 1 inches (25.4 mm) inlet & outlet connection for water?	Yes/ No
7	Whether the Heat Exchanger is designed to maintain the normal operating temperature of the Hydraulic Gear Pump during operation?	Yes/ No
8	Whether the hydraulic power unit will be mounted on heavy duty oilfield skid with provision for lifting?	Yes/ No

9	Whether the hydraulic power unit will feature overhead cage for	Yes/ No
	accommodating hoses & electrical cables?	
10	Whether the dimensions of the hydraulic power unit will be restricted to 4	Yes/ No
	meters in length & 2 meters in width?	
11	Whether the hydraulic pump, hydraulic fittings, piping, etc are fitted	Yes/ No
	outside the hydraulic oil reservoir?	
12	Whether the hydraulic network comprises of 1 inch (25.4 mm) high	Yes/ No
	pressure steel pipes, swivels & hammers unions wherever required?	

TECHNICAL CKECKLIST (Electrical)

1	Offered Motor is as per specification or not?	Yes/ No
2	Offered PBS, Junction Box, Starter are as per specification or not?	Yes/ No
3	Certification for all the flame-proof electrical equipment/items like	Yes/ No
	Motor, Starter, Remote switch, Cable glands etc from CIMFR	
	(India) or Equivalent are enclosed with the offer or not? (If not	
	please specify when it will be provided).	
4	Whether all Electrical / Electronic equipment are suitable for use in	Yes/ No
	hazardous area of zone-I and gas group IIA & IIB in oil mine and	
	conforms to IS/IEC/EN: 60079-0:2011 & IS/IEC/EN: 60079-	
	1:2007 or not?	
5	Whether Remote PBS offered is supplied with 30 meter EPR cable	Yes/ No
	or not?	
6	Control voltage of the starter contactor is 415 V AC or not?	Yes/ No
7	Wiring & schematic drawing of the electrical system and	Yes/ No
	dimensional drawing of the motor is provided along with the	
	technical offer?	
8	Offered Electrical equipments (Motor, Starter, PBS, Junction Box)	Yes/ No
	and the Skid is provided with two suitable distinct body earthing	
	points?	
9	The circuit voltage of the PBS shall be 30 V or less	Yes/ No

STANDARDS APPLICABLE (ELECTRICAL):

Motors should conform to these standards, or latest iterations thereof:

IS 325	Three phase Induction motors-specification	
IS 900	Code of practice for installation and maintenance of induction motors	
IS 1231	Dimension of three-phase foot mounted A.C. Induction motors	
IS 1271	Specification for Thermal Evaluation and Classification of Electrical Insulation	
IS 4029	Guide for testing three phase induction motors	
IS 4691 / IEC 60529	Degree of protection provided by Enclosures for Rotating Electrical Machinery	
IS 6362	Designation of methods of cooling for rotating electrical machines	
IS 12065	Permissible limits of noise level for rotating electrical machines	
IS 12075	Mechanical vibration of rotating electrical machines	
IS 12615	Energy Efficient Induction motors - Three phase, squirrel cage	

IEC 60045-1, 5	Rotating electrical machines - Rating and performance, degrees of protection
IEC 60072	Dimension and output ratings of rotating electrical machines
IS/IEC 60079-0 & IS/IEC 60079-1	Electrical Apparatus for explosive gas atmospheres – flameproof enclosures "d"
IS 5571	Guide for selection of electrical equipment for hazardous areas
IS 5572 Classification of hazardous areas (other than mines) having flammable gas and vapors for electrical installation	
IS 13346	General requirements for electrical apparatus for hazardous areas
IS 9570	Classification of flammable gases or vapours with air according to MESG and Minimum igniting currents.
IS 7572 : 1974	Guide for Testing Single-phase AC and Universal Motors
IS 7816 : 1975	Guide for testing insulation resistance of rotating machines

Signature
Name
Designation

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

TO BE ISSUED BY PI LETTER HEAD	RACTISING CHARTARD ACCO	UNTANTS' FIRM ON THEIR			
TO WHOM IT MAY CONCERN					
financial statements of M	the following financial positions M/s eted accounting years upto	(Name of the bidder) for			
YEAR	TURN OVER	NET WORTH			
	In INR (Rs.) Crores/ US \$ Million) *	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

	(TO BE FILLED IN BY BIDDER DULY SIGNED) TECHNICAL SPECIFICATIONS			
Clause Number	TECHNICAL SI ECIFICATIONS		TO BE	
Number			THE BIDDER	
	DESCRIPTION	BIDDER'S RESPONSE (Complied / Not	Relevant Location of their Bid to support the remarks / compliance	
		Complied / Deviation / Not Applicable)	(Reference of Documen name Serial number Page	
			number of bid for documentar y evidence)	
Clause A	SKID MOUNTED HYDRAULIC POWER UNIT DRIVEN BY 60 HP ELECTRIC MOTOR WITH HYDRAULIC PUMP AND COMPLETE WITH HOSES HAVING THE FOLLOWING SPECIFICATION AND FEATURES FOR EACH UNIT: 02 NUMBERS			

		n motor suitable for hazardous areas of oilfields, Zone I g to IS/IEC 60079-0:2011 & IS/IEC 60079-1 :2007 w	
	amendments/revisions.		
	Parameter	Requirement	
	Power Rating	60 HP	
	Voltage	415VAC + 10%	
	Frequency	50 Hz <u>+</u> 5%	
	Phases	3 (Three Phase)	
	Rated pf	0.8 or better	
	Insulation Class	"F" with temperature limited to Class "B"	
a	Temperature Class	T4 as per IEC	
	Ambient Temperature	45 DegC	
	Humidity	95 %	
	Frame Size	E225 as per IS 1231	
	RPM	1500	
	Enclosure protection	IP 55 (minimum)	
	Enclosure type	Ex-d	
	Duty cycle	S1 (Continuous)	
	Cooling	TEFC (Totally Enclosed Fan Cooled)	
	Mounting	B3 (Foot mounted)	
	Rotation	Bi-directional	
	Efficiency	IE2 Class (Minimum)	
	Starting	Star Delta starting	
	Make	Kirloskar / CGL / Marathon / LHP / BB	
	DETAILS OF STARTER (Quantity	y 1 No):	
	1) Flame proof (Type Ex-d) S	tar Delta starter, suitable for the above motor with a p	provision
		d over current protection. The minimum rating of the	
b	_	1	
C	to be indicated in the quotation.	mounted suitably on the same skid. Make and certifica	itions are

	run the motor manually, as well as with all interlocks in place ("Auto" mode).	
	3) The starter should contain the following features:	
	i) Contactors for motor starting duty (Star Delta), rated for the motor supplied. ii) Overload Relay - with hand (Manual) /auto reset. The manual reset function should be carried out without opening the starter cover. iii) Start-Stop push buttons to start and stop the motor; with all interlocks in place. iv) 415V AC control coil in the contactor (as the system has no neutral wire). v) It should be provided with suitable size flame proof double compression glands for one incoming copper power cable and 2 numbers outgoing copper power cables. One more suitable size flame proof double compression cable gland should be provided for connecting copper cable for remote flame proof PBS fitted with Start and Stop push buttons. Provision for additional cable entry may be provided, if needed. vi) One flame proof remote start/stop push button station with suitable flame proof double compression gland and 30 meter long EPR insulated copper cable should also be supplied. vii) Starter must be mounted with Strong & Rigid bracket.	
	4) The bidder should note that Electrical System available at the well-site is 3 phase 3 wire, without neutral. The motor starting and running system should thus be designed for 3 phase 3 wire system, without neutral.	ı
	5) Bidders are required to forward details of all the components used in the starter panel, like contactor, O/L relay and other protective devices, i.e. fuses, switches, etc. with its make and rating.	
С	DETAILS OF PUSH BUTTON STATION (Quantity 1 no): 1) A PBS should be supplied for remote Start / Stop of the motor. The START/ STOP Push Button Switch should be Flameproof (Type Ex-d, as per IS/IEC 60079-1), suitable for hazardous areas of oilfields, Zone I and Gas group IIA & II B, with provisions of cable entry and exit through double compression cable glands.	
	2) The PBS should feature start and Stop buttons.	

	3) Control circuits / Push buttons for motor is located in hazardous areas and hence shall be powered by intrinsically safe circuits. The circuit voltage of the PBS shall be 30 V or less.		
	powered by intrinsically safe circ	uits. The circuit voltage of the PBS shall be 30 V or less.	
	Parameter	Requirement	
	Ratings	10 Amps, 415V AC, 50 Hz	
	Components	1 NO + 1NC; RED for STOP and GREEN for START	
		with mechanical interlock on STOP Button	
	Materials of construction	Die Cast Aluminium Alloy LM6	
	Enclosure	Flame proof Exd as per IS/IEC 60079-1	
	Protection	IP-55 (minimum)	
	Finish	Anti-corrosive Epoxy light Gray shade 631	
	Weight	2.25 Kg (approx)	
	Earthing	Provision for one no earthing stud inside and two number	
		earthing stud outside of the PBS	
	Cable entry	2 nos, at bottom with 3/4" ET thread	
	Rain hood/canopy	Suitable size canopy to be provided with PBS for rain	
		water protection	
	Make	CEAG/Sudhir/Baliga/FCG or equivalent	
	DETAILS OF JUNCTION BOX	(Quantity 1no):	
d		should be provided for connection of incoming, outgoing cables.	
	Make and certifications are to be indicated in the quotation. This should be mounted in the same		
	skid with motor. The Junction Box should be Flameproof (Type Ex-d, as per IS/IEC 60079-1),		
	<u> </u>	d exit through double compression cable glands.	
	CABLES:		
	The inter-connection between me	stor starter and Junction Day to be done by supplier with suitable	
	The inter connection between motor, starter and Junction Box to be done by supplier with suitable size (4 core x 35 sq. mm) EPR insulated and CSP sheathed, screened copper cable through		
e	explosion proof double compress		
	explosion proof double compless	ion cable glands.	
	Another 4 core X 1.5 sq mm 30	meter length EPR insulated and CSP sheathed, screened copper	
	1	ote operation of the motor from the PBS.	
f	GENERAL NOTES (Electrical):	The second of th	
CDC1510D	,	00 of 20	1

		1
	i) Starter, PBS & Junction Box must be mounted with Strong & Rigid bracket.	
	ii) Certified explosion-proof double compression cable gland should be fitted with the motor, starter, PBS and junction box. Bidders should confirm this in their quotation.	
	iii) Electrical System available at the well-site is 3 phase 3 wire, without neutral. The motor starting and running system should thus be designed for 3 phase 3 wire system, without neutral.	
	iv) Oil India shall provide one power cable from the source of power up to the Junction Box. All other cabling and control wiring is in the scope of supplier.	
	v) The motor, Tank skid & Push Button should be provided with two distinct suitably rated body earthing points.	
	vi) Wiring & schematic drawing of the electrical system and dimensional drawing of the motor must be provided along with the technical offer.	
	vii) The Electrical system and relevant test reports shall be inspected / tested during pre-dispatch inspection at the manufacture's works. Dispatch clearance will be given only after successful completion of the same.	
	STATUTORY REQUIREMENT:	
g	i) All flame- proof Electrical equipment like Motor, Starter, Remote switch, Cable glands etc. should be suitable for use in hazardous area of zone-I and gas group IIA & IIB in oil mine 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 bidders are to confirm the same while quoting.	
	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. The test certificate number shall be affixed or embossed on each piece of equipment. Copies of above certificates should be enclosed with the quotation as well as with the supply of materials.	

	ii) All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be.	
h	450 liters (approx.) capacity hydraulic oil reservoir, complete with baffles, drain level indicators, Filter & Breather assembly, Suction Strainer and Return Line Filter (10 micron).	
i	Hydraulic Gear Type Pump "Commercial" make P365 or equivalent with minimum flow rate of 65 GPM (246 LPM) at 1000 psi (70.3 kg/cm²) and minimum flow rate of 30 GPM (114 LPM) at 3000 psi (210.92 kg/cm²) with Maximum operating temperature of 80-85 degree Celsius & Normal operating temperature of 50-55 degree Celsius.	
	The Hydraulic Unit should be complete with:	
j k	 i. Commercial make or equivalent Relief & Un-loader valve. ii. Commercial make or equivalent Check valve. iii. Double universal joint type coupling for prime mover & hydraulic unit. iv. 0-5000 psi (0-351.5 kg/cm2) dual scale pressure gauge. v) 70 GPM (265 LPM) cooling capacity heat exchanger with 1.1/4 inches (31.75 mm) inlet & outlet connector for oil and 1 inches (25.4 mm) inlet & outlet connection for water. The Heat Exchanger should be designed to maintain normal operating temperature of the Hydraulic oil (50-55 degree Celsius) during operation. The unit should be mounted on heavy duty oilfield skid with provision for lifting & overhead cage for accommodating 04 (four) numbers of inlet/outlet hoses & electrical cable (30 meter long) with 	
	remote switch. The dimensions should be restricted to 4 meters in length & 2 meters in width.	
1	The hydraulic pump must be fitted outside the hydraulic oil reservoir.	
m	All hydraulic fittings, piping, etc. should be outside the oil reservoir. Hydraulic network should comprise of 01 inch (25.4 mm) high pressure steel pipes, swivels & hammer unions wherever required (MOC of piping - CS). Any connections with rubber hose will not be acceptable.	
Clause B	Accessories for above (For each unit): a) 1 inch ID x 75 feet (25.4 mm X 22.86 meters) high pressure hose, 5000 PSI (351.54 kg/sq cm) WP with self-sealing coupling (aero-quip type) and dust caps / plug companion = 4 Numbers b) 1.1/4 inch ID x 75 feet (31.75 mm X 22.86 meters) return hose, 1000 PSI (70.31 kg/sq cm) WP with self sealing coupling (aero equip type) and dust cap / plug.= 4 Nos.	

	 c) Starter for Electrical motor, with identical specifications as in "Details of Starter" above – Quantity One Number. (d) Remote Push Button Station (identical to the RPBS, supplied along with the unit) - Quantity One Number. 	
	One Number.	
	(e) Lifting eye, for lifting the motor - Quantity One Number.	
Clause C	Operation, maintenance, service & instructions manuals having detailed Schematic drawing indicating each & every part with part numbers = 2 sets	
	GENERAL NOTES TO BIDDERS	
1	Bidder should furnish detailed Catalogue, Drawing, and Literature (in printed form, not in computer media such as floppies or CDs) indicating all parts with part numbers along with the quotation in English language (US & UK). Bidder should also furnish single line diagram of motor starter & hydraulic line diagram of the Power unit along with the quotation.	
2	Bidder should confirm that the items shall be brand new, unused & free from any defect. In the event of an order, the items should be guaranteed against any manufacturing defect, workmanship etc. for a period of 18 months from the date of dispatch or 12 months from the date of receipt whichever is earlier. In the event any item is found defective, then it should be replaced by the supplier free of cost without any burden on Oil India Limited. Bidders must confirm the same in their quotations.	
3	Bidder should forward a list of recommended spares for three (03) 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.	
4	Electrical / Electronic equipment should be CIMFR (or equivalent) certified. The CIMFR certificate number and relevant IS/ IEC Standards should be affixed or embossed on each piece of equipment. All Electrical / Electronic equipment should be suitable for use in hazardous area of zone-I and gas group IIA & IIB in oil mine and shall conform to IS/IEC/EN: 60079-0:2011 & IS/IEC/EN: 60079-1:2007 and bidders are to confirm the same while quoting. 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. Copies of above certificates should be enclosed with the quotation as well as with the supply of materials.	
	All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be.	
5	The Bidder should indicate the name of the manufacturer, the country of origin and port of dispatch of the materials.	
6	Items in the event of order should be embossed (die stamping) with purchase order number & date. Bidders shall confirm compliance to the same while quoting.	
7	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.	
8	Bidder to sign and submit completely filled up Technical check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification.	
9	Bidders are to quote for all the items as indicated in the NIT, failing which the bid will be rejected. The same should be confirmed by the Bidder in the technical bid.	
10	Bidder should categorically confirm in the technical bid a delivery schedule within six (06) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within six (06) months after receipt of formal order(in case of indigenous bidder) failing which their offer will be rejected.	

	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	
1.	Bids are only invited from assembler / manufacturer of Hydraulic power unit.		documentary evidence)	
2.	The bidder should purchase the brought out items, if any, from the original equipment manufacturer (OEM) or authorized dealer of those items. Purchase documents should be provided along with the supply of the item. Bidder to confirm compliance of the same in the technical bid.			
3.	The bidder should have the experience of supplying at least 2 (two) numbers of similar Hydraulic Power Unit in the last 5 (five) years preceding the original bid closing date of this tender (either by them self or through their sole selling agent / distributor / dealer / supply house).			
4.	Documentary evidence to substantiate supply record should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of			

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	each of those Purchase Orders, such as:	
	(i) Signed and sealed satisfactory supply / completion report (in	
	original on user's letter head)	
	(OR)	
	(ii) Bill of Lading	
	(OR)	
	(iii) Consignee delivery receipt / challan	
	(OR)	
	(iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules	
	of Central Excise/Vat/GST.	
	(OR)	
	(v) Commercial Invoice/ Payment Invoice	
	Note:	
	I. The Purchase Order date need not be within 5 (five) years	
	preceding original bid closing date of this tender. However, the	
	execution of supply should be within 5 (five) years preceding original	
	bid closing date of this tender.	
	II. The 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.	
	III. Satisfactory supply/completion/installation report should be	
	issued on company's letterhead with signature and stamp. Originals to	
	be produced for verification on demand of OIL.	
	In case, for supplementing manufacturer's supply experience criteria (3	
	& 4), the manufacturer submits Purchase Order(s) and relevant	
4.1	documents which is through their sole selling agent / distributor /	
	dealer / supply house, then following additional documents are also to	
	be submitted:	

		,
	a) Copies of signed Purchase Order(s) / Contract agreement(s) between the manufacturer and the sole selling agent/distributor/dealer/supply house and copies of any of the following documents in respect of satisfactory execution of each of those Purchase Order(s)/Contract agreement(s).	
	i) Bill of Lading (OR) ii) Commercial Invoice / Payment of Invoice of the OEM (OR) iii) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat/GST.	
5.	The Bidder must guarantee uninterrupted supply of spares and availability of service for at least 10 years with effect from delivery of the Item / product for the item / product to be supplied under the Tender / Order, if order is awarded to them by OIL.	
6.	Bidder should categorically confirm in the technical bid a delivery schedule within six (06) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within six (06) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.	

NO DEVIATION CONFIRMATION

Ref. No	Date:
From:	(Insert name and address of Bidding Entity)
Tel.:	
Fax:	
E-mail address:	
To GM (MATERIALS) MATERIALS DEPAR OIL INDIA LIMITED DULIAJAN District : DIBRUGAR PIN 786602	
Sub: Bid for " Tender No:	
	y 'deviation / exception' in any form may result in rejection of Bid. We, therefore, certify that we have not taken any 'exception / deviation' anywhere in the fany 'deviation / exception' is mentioned or noticed, our Bid may be rejected.
Place: Date:	[Signature of Authorized Signatory of Bidder] Name: Designation: Seal:

Format of undertaking by Bidders towards submission of authentic information/documents (To be typed on the letter head of the bidder)

Ref. No	Date
Sub: Undertaking of authentic	ity of information/documents submitted
Ref: Your tender No	Dated
To,	
The HOD-Materials	
Materials Deptt,	
<u>OIL, Duliajan</u>	
Sir,	
With reference to our quo submitted by us.	tation against your above-referred tender, we hereby undertake that no fraudulent information/documents have been
We take full responsibility	for the submission of authentic information/documents against the above cited bid.
be false/forged/fraudulen	g any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to t, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of any other penal action on us, as deemed fit.
Yours faithfully, For (type name of the firm here)	
Signature of Authorised Signature	gnatory
Name :	
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	End of Document
Affix Seal of the Organization here, if applicable)	
Affice Cool of the Organization have if applicable)	
Date :	
Place :	
Phone No.	
Designation:	