



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

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Tender No. & Date	:	<b>SDG1653P20/07 dated: 10.06.2019</b>
Bid Security Amount	:	<b>INR 1,98,600.00 OR USD 2,804.00</b>
Bidding Type	:	<b>SINGLE STAGE TWO BID SYSTEM</b>
Pre- Bid Conference on	:	<b>26.06.2019 at Oil India Limited, Duliajan (India)</b>
Bid Closing on	:	<b>31.07.2019 (at 11.00 Hrs. IST)</b>
Technical Bid Opening on	:	<b>31.07.2019 (at 14.00 Hrs. IST)</b>
Bid Validity	:	<b>Bid should be valid for 120 days from bid closing date</b>
Bid Bond Validity	:	<b>Bid Bond should be valid up to 29.02.2020</b>
Performance Guarantee	:	<b>Applicable @ 10% of Order value</b>
Integrity Pact	:	<b>Applicable</b>

OIL INDIA LIMITED invites Global Tenders for the following item:

<b>MATERIAL DESCRIPTION</b>	<b>QUANTITY</b>	<b>UOM</b>
SUPPLY, INSTALLATION & COMMISSIONING OF ELECTRIC MOTOR DRIVEN HORIZONTAL, SINGLE ACTING, POSITIVE DISPLACEMENT, RECIPROCATING TRIPLEX, SEAL-LESS (PACKING FREE) HYDRAULICALLY ACTUATED AND BALANCED DIAPHRAGM PUMP MEETING API STANDARD 674 AND RATED FOR CONTINUOUS DUTY, SUITABLE FOR PUMPING CRUDE OIL AND CONDENSATE. CONTINUOUS RATING FLOW NOT LESS THAN 17M3 PER HOUR AT WORKING PRESSURE 25KG/SQUARE CM TO 30 KG/SQUARE CM OR HIGHER PRESSURE.	<b>2</b>	<b>NUMBER</b>

**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 Check List
- d) Annexure – D : Certificate of Annual Turnover & Net Worth
- e) Annexure – E : Technical evaluation matrix for Bid Evaluation & Rejection Criteria
- f) Annexure – F : Technical evaluation matrix for Technical specification

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

ITEM NO.	ITEM DESCRIPTION	QUANTITY
<u>10</u>	PUMP-RECIPROCATING (Electric Motor Driven Horizontal, single acting, positive displacement, reciprocating triplex, seal-less (packing free) hydraulically actuated and balanced diaphragm pump meeting API Standard 674 and rated for Continuous Duty, suitable for pumping crude oil and condensate. Continuous Rating Flow not less than 17M3 per hour at working pressure 25Kg/Square CM to 30 Kg/Square CM or higher pressure.)	2 NUMBERS
<u>20</u>	INSTALLATION & COMMISSIONING OF ITEM NO. 10 (i.e TOTAL 2 NOS OF PUMP SET)	1 ACTIVITY UNIT

**(II) DETAILED REQUIREMENT & TECHNICAL SPECIFICATIONS:****A. PUMP:****1.0 Type**

Horizontal, single acting, positive displacement, reciprocating triplex, seal-less (packing free) hydraulically actuated and balanced diaphragm pump meeting API Standard 674 and rated for Continuous Duty.

**2.0 Capacity and Discharge**

Continuous Rating Flow should not be less than 17M<sup>3</sup> per hour at working pressure 25Kg/Square CM to 30 Kg/Square CM or higher pressure.

**3.0 Pump Speed**

The speed limit of the offered pump shall be governed by the maximum allowable speed ratings for continuous service as per API 674 standards.

Note: "Continuous duty" means pump having service operation on full load for a period of 8 hours to 24 hours per day as per Hydraulic Institute Standard application .

**4.0 Fluid End Features**

The pump should have at least the following Fluid End features:

- (i) Seal-less pumping chamber and hydraulically-balanced multiple diaphragm design
- (ii) Diaphragm Position Control Device for protection of diaphragm for accidental operation of pump under closed suction line condition
- (iii) Rugged construction, Continuous Dry Run option for time not less than 2 hours
- (iv) Wetted Materials made of 316L Stainless Steel / Nickel Aluminium Bronze / Duplex / Hastelloy C
- (v) Suction and Discharge on either side
- (vi) Monobloc pump head

## 5.0 Power End Features

The pump should have at least the following Power End features:

- (i) Ductile Iron Crankcase
- (ii) Forged alloy steel crankshaft
- (iii) Spherical Roller Crankshaft bearings
- (iv) Steel backed babbit (Crankpin Bearing)
- (v) Ductile iron connecting rods
- (vi) Carbon steel Cross Heads
- (vii) Bronze Wrist Pin
- (viii) Alloy Steel crosshead pins
- (ix) Flooded sump Splash Lubrication for power end
- (x) Sight glass gauge or oil level dipstick

## 6.0 Accessories

- (i) Full flow, suitably sized and rated, spring loaded, Reset Relief Valve, mounted on the discharge piping. (Make: OTECO/ BAIRD / CAMERON).

Note: The relief valve is to be set at 110% of maximum working pressure requirement at the time of delivery.

- (ii) Liquid filled Discharge Pressure Gauge having a range up to 100 Kg/ Sq.cm, with built in dampening mechanism to minimize fluctuations for accurate response to pressure changes. (Make: OTECO/ CAMERON/ MARTIN DECKER)
- (iii) Suitably designed Suction Stabilizer and Discharge Pulsation Dampener (Diaphragm Type, pre charged), mounted and installed in line with the suction and discharge piping. Note: Dampeners should be of Carbon Steel construction built to ASME pressure vessel codes and code stamped
- (iv) The pump suction piping should incorporate a suitably sized Gate / Ball valve and suction stabilizer while the discharge line should incorporate a suitably sized Ball valve/Gate valve, a Check valve, a Drain valve (to de-pressurize the system when carrying out maintenance of the unit), a bypass valve, a Reset relief valve and discharge pulsation dampener.

### Notes

a) The discharge valve, by pass valve should be full opening/ full bore ball valve/Gate valve conforming to API 6D specification, RTJ Flanged ends of suitable size and pressure rating with a pair of companion RTJ flange (weld neck) conforming to ANSI B16.5 (latest edition), complete with two no ring joint gaskets and requisite no of studs and nuts.

b) The check valve of discharge line should be full opening/ full bore check valve conforming to API 6D specification, bolted cover, renewable seat, RTJ Flanged ends of suitable size and pressure rating with a pair of companion RTJ flange (weld neck) conforming to ANSI B16.5 std. (Latest edition) complete with two no ring joint gaskets and requisite no of studs and nuts.

c) All the pipes, valves and fittings of the suction/discharge line should be of same size.

- (v) Complete set of fittings, interconnection piping and companion flanges with appropriate bolting, gaskets, dampener brackets, blind flanges etc required for mounting all items mentioned above.

## 7.0 Liquid to be handled

The pumping unit should be suitable for pumping crude oil and condensate. Typical properties of the well fluid, required to be handled, is provided to assist the selection process :

- (i) API Gravity at 60 Deg : 34 to 65
- (ii) PH : 7.2- 8.5
- (iii) Salinity (ppm) : 3800
- (iv) CO<sub>3</sub> : 250
- (v) HCO<sub>3</sub> : 800
- (vi) Pour Point (Deg C) : <9 to 28
- (vii) Water Content (% v/v) : 0 to 50

(viii)	Pumping Temp	: 25 to 35 Deg C
(ix)	Viscosity	: 09 to 13 cp @ 26 Deg C, 11 to 17 cp @ 24 Deg C, 14 to 29 cp @ 22 Deg C
(x)	Density at 15 (Deg C), gm/cm <sup>3</sup>	: 0.7200 to 0.8550
(xi)	Wax content, % w/w	: 0.1 to 3
(xii)	Asphaltene content, % w/w	: 0.1 to 3
(xiii)	Resin content, % w/w	: 0.1 to 3
(xiv)	Sulphur, mg/l	: 300

### 8.0 Suction condition

The pump should be capable of operating with suction pressure 0 to 24 Bar (gauge)

### 9.0 Name plate and rotation arrows

A name plate shall be securely attached at a readily visible location wherein the manufacturers name, machine serial number, maximum and minimum design limits and rating data, maximum allowable working pressure and temperatures, hydrostatic test pressure etc. should be clearly indicated.

Rotation arrows indicating direction of rotation of major items should be cast in or attached.

### 10.0 Certificates and Documents to be forwarded

(a) The following documents should be forwarded along with the quotations:

- (i) Product Line Catalogue, specifying materials of construction and constructional features of the seal less triplex diaphragm pump and technical literatures of all ancillary equipment.
- (ii) Performance Chart of the seal less triplex diaphragm pump including all technical calculations such as hydraulic horse power, volumetric efficiency, mechanical efficiency, RPM, gear ratio, maximum plunger load, NPSH requirement, etc.

(b) The following documents shall have to be forwarded within a month of issue of LOI or placement of firm purchase order

- (i) Foundation diagrams for the complete pump set indicating the static and dynamic loads of the package.

(c) The following documents must be forwarded along with the supply of equipment

- (i) Certified Test Results
- (ii) Certificate of Hydrostatic Testing
- (iii) Manufacturers Certificate of Authenticity
- (iv) Certificate of Test / Conformance of Pump, Motors and associated Ancillaries like Relief Valves, Pressure Gauges, Dampeners, Etc.
- (v) Operation and Maintenance Manuals , Illustrated Parts Catalogues Lists Of Pump, Electric Motor , Gear Box and all other Accessory Equipment.
- (vi) Detailed step by step Safe Operating Procedure (SOP) for the complete equipment.

### B. Speed Reduction:

Speed Reduction: Gear Box or as per Manufacturer's Standard:

The speed reduction from the Prime Mover (Electric Motor) at its rated RPM to the desired RPM of pump shall be effected by means of a separate external foot mounted gear box installed between the prime mover and the pump or through Belt Pulley Arrangement or as per the manufacturer standard production.

The Gear Box (in case of gear box speed reduction) should be SHANTI/ GREAVES or equivalent make parallel shaft speed reducer with a gear rated to designed HP from an Electric Motor at rated RPM to the pump at desired RPM, with a suitable Gear ratio, and a minimum 1.75 AGMA SF. The unit design includes cast iron housing, helical gear elements, anti-friction roller bearings on all shafts, and a self-contained splash lubrication system with a shaft driven lube oil pump and

radiator type air/oil cooler to meet the thermal horsepower requirements. Unit additionally includes thermostatic bypass valve and radiator type cooler.

### **C. PRIME MOVER:**

PRIME MOVER: The prime mover for main pump and charge pump (if any) shall be three phase, squirrel cage rotor induction motor with the following specifications:

1. Type: The motor shall be 3 phase, squirrel cage, AC Induction motor. The motor shall be FLAMEPROOF (Explosion Proof) Ex-d type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mine.
2. Rated output: Capacity of the motor shall be corresponding to pump capacity. However, the motor rating shall be minimum 10 % higher than the HP or KW required immediately after the motor shaft [i.e. Motor capacity in HP or KW shall be 1.1 times of (Pump capacity in HP or KW + All losses in the mechanical system, e.g. coupling loss etc.)], required for running of the driven equipment at the rated continuous output. Selected Motor rating and calculation behind selection must be furnished while bidding.
3. Enclosure: TEFC, FLP with Degree of protection - IP55. CI/ MS enclosure painted with Epoxy based DA Grey Paint.
4. Insulation: Vacuum pressure impregnated. Class F with temperature rise limited to that of class B. Space heater shall be fitted if selected motor capacity happens to be 100 HP or more.
5. The motor shall conform to IS: 2148-2004, IS: 5572-1994, IS: 9570-1980, IS: 325-1996, IS: 4722, IS 4691 and IS/IEC: 60034 for performance and service.
6. Voltage: Motor shall be suitable for  $415 \pm 6\%$  volts, 3 Phase, 50HZ, AC supply and should withstand high voltage fluctuation.
7. Freq.: 50 Hz +- 3%
8. RPM: To match driven equipment
9. Duty: Continuous (S1)
10. Mounting: As per equipment design.
11. Shaft support: Rolling element Bearings at DE and NDE
12. Cooling: Bidirectional cooling fan at NDE
13. Switching: 15 Cold Starts / Hr.
14. Ambient: Max. 40°C, Min 6°C, 95% RH, Altitude-150 Mtr.
15. Terminal stud arrangement of winding: 6 Nos. terminal studs shall be available in the terminal box and shall be marked for identification. Terminal studs shall be required for heater, if fitted.
16. Terminal Box: FLP Cable termination box with brought out terminal studs suitable for terminating PVCA aluminium cables of proper size as per rating of motor. Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate. Suitable termination arrangement shall also be provided in case the heater is installed. Cable entry shall be ET type.

17. Starting: Direct on Line (DOL) starter for motors up to 12.5 HP; Star – Delta (YD) starter for motor above 12.5 HP and up to 40 HP; Soft starter for motors above 40HP. Suitable NFLP type starter shall be provided along with pump set.

The control voltage of remote push button stations for motors is to be limited to maximum 30 V as per CEA Regulations, 2010. Therefore, an intrinsically safe barrier (ISB) shall be placed between the remote pushbutton station and motor starter panel, so that no dangerous voltage is transmitted to hazardous area for operation of the remote pushbutton station. The Intrinsically Safe Barrier is to be placed in the motor starter cubicle. Make & Model of ISB - PEPPERL+FUCHS (Model: KFA6-SR2-EX2.W)

18. Suitable flameproof type local push button station for ON/OFF operation of the motor shall be provided, which will be installed nearer to motor.

19. Glands: FLP double compression, Nickel plated brass glands, as per cable size shall be fitted in all the cable entries in terminal box of the motor. No. of cable entry / entries in terminal box shall be as per starter type. Make of Gland: Baliga, GMI, Dowells, Sudhir, Commet.

20. Earthing: Two Nos. of earthing studs to be provided on both sides of the motor. Earthing system for the motor shall be as per the IS: 3043.

21. Lifting Hook: Lifting hook(s) shall be provided for lifting the motor.

22. Markings: Name plate details with name of manufacturer, frame size, rated voltage, rated output, current, frequency, type of duty, class of insulation, no. of phases, speed in rpm at rated output, degree of protection, winding connections, amb. temp, bearing sizes, lubricating material and year of manufacture, CIMFR Certification No.

23. Certification for Electrical Items: The Flameproof Electrical Motor, Local Push Button Station and Cable Glands for use in hazardous area zone-1, gas group IIA & IIB shall be conforming to requirements of relevant Indian or International Standards and shall be duly tested and certified by CIMFR / any Government Accredited Indian or International Test Houses or Laboratories.

Bidder must submit copy of the valid test certificate(s) as stated above along with the bid. Bids not accompanying required test certificates for the FLP motor will not be considered for technical evaluation.

Guarantee: Motor shall be guaranteed for minimum one year from the date of commissioning. Guarantee certificate shall be submitted with the supply.

24. Motor Make: Bharat Bijlee/ Crompton Greaves/ KEC/ Siemens/NGEF / Marathon.

25. General Notes on motor

i) Frame size & make of the offered motor should be mentioned in the offer.

ii) Copy of the drawing of the offered FLP Motor enclosure showing terminal box & cable entry arrangement with double compression FLP cable gland and the offered starter shall be submitted with the offer.

iii) Packing should be adequate to avoid any transit damage & water ingress.

iv) On placement of PO, supplier shall obtain approval of drawings against Motor GA, starter schematic etc. before manufacturing.

#### **D. DRIVE ARRANGEMENT:**

The drive arrangement (in case of gear box speed reduction) will involve flow of prime mover power through Direct Flexible Disc coupling to the input shaft of an external foot mounted gearbox and finally from the Output shaft to the crankshaft of the triplex pump through a Flexible Disc coupling or as per manufacturer standard.

Suitably selected Flexible Disc / Grid Member Couplings should be incorporated to transfer power from the prime mover to the triplex pump through the transmission,

N.B.: All rotating parts should be covered by suitable guards.

#### **E. PUMP PACKAGE UNITISATION:**

The pump set is to be supplied with all components and accessories fitted and mounted on a robust oilfield type three runner portable master skid. The floor of the skid should be covered with anti-skid steel plates. While unitizing the pump set, easy approach to various components should be kept in mind, to facilitate operational and maintenance requirements. The skid should be fabricated out of properly sizes beams to withstand loading / unloading and transfer in oil field trucks.

The skid shall be sized to contain the entire pump and motor unit and should include the following components:

- a) Drip pan for cradle/fluid area of pump complete with threaded drain
- b) Dip lip for cradle / fluid area of pump
- c) Grouting holes
- d) Horizontal adjustment screws for minor adjustment
- e) Two grouting bosses on skid
- f) Interconnection piping spool pieces on suction and discharge with ancillary components
- g) Non sparking Aluminium safety guards.
- h) One set of proper size foundation bolts and nuts with each pump sets. The foundation Bolt for the skid is to be in accordance with ASTM #A193 and nut as per ASTM # A193.

N.B.:

The unitization process shall also include following:

- a) Painting of skid, pump, piping and other accessories.
- b) Paint / finish specifications shall consist of wire brushing structural pieces and piping, solvent cleaning of components, one coat of red oxide alkyd primer 2.0 to 2.5 mils dry film thickness. The top coat shall be one coat of gloss alkyd national blue enamel 1.0 to 2.0 mils dry film thickness.
- c) Supply and erection of suction stabilizer, Discharge dampener, Safety Relief Valve, pressure gauges, inlet & outlet ball valves, check valves drain valve, Bypass valve and pipes and pipe fittings.

## **F. INSPECTION AND TESTING:**

The pump set shall be inspected by OIL's deputed engineer at manufacturers / assemblers works / factory prior to dispatch. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.

The supplier shall carry out full load performance test on the pump set, at duty conditions , in the presence of OIL's deputed representative .

During inspection and testing all electrical items including motor, starter, PBS etc. will be thoroughly checked and tested by OIL's Electrical Engineer. All test certificates of the flameproof items shall be produced during the inspection and testing.

**Note: (i) OIL will bear the expenses towards traveling and accommodation etc. of the OIL's inspection team.**

**(ii) Charges for carrying out above Pre-Despatch Inspection & testing (if any) at the manufacturer's facility should be quoted separately in the price bid only, which shall be considered for bid evaluation.**

## **G. INSTALLATION & COMMISSIONING:**

Installation and Commissioning of the Pump set shall be carried out by the bidder in the presence of OIL representatives at its fields at Duliajan, Assam (India). Services of qualified and competent personnel from equipment manufacturer are essential during installation and commissioning of the pump sets. Only competent service personnel shall be engaged for installation, testing and commissioning of pump sets. OIL will provide necessary statutory permits in classified areas as and when required.

**Installation / commissioning charges should be quoted separately which shall be considered for evaluation of the offers.** These charges should include amongst others to and fro fares, boarding/ lodging and other expenses of the commissioning engineers during their stay at Duliajan, Assam (India). All Personal, Income and Goods & Service Tax etc. towards the services provided by the supplier shall be borne by the supplier and will be deducted at source. Bidders should provide their scope of the installation/ commissioning work and confirm the same in the Technical Bid.

Notes:

(i) Scope of jobs offered by the bidder under installation & commissioning should be clearly mentioned in the offer.

(ii) Once commissioned at designated site the pump set will be subjected to a trial run on available load for a minimum period of 72 hrs and on satisfactory performance shall be subsequently handed over to OIL.

## **H. WARRANTY :**

The warranty period for the Electric Motor, pump set and all ancillary equipment should be a minimum of 18 months from the date of dispatch / shipment or 12 months from the date of commissioning.



**I. SPARE PARTS AND SPECIAL TOOLS :**

a) Bidders have to provide spare parts, along with supply of pumpset, (in case of order) that are envisaged to be required for maintenance of the pump set for two years. The part number with part description along with quantity shall be furnished in the technical bid.

b) Special tools (if any) required for the operation and maintenance of the pump set should be included in the scope of supply.

Note: The bidder shall provide an undertaking that-

(i) the spare parts required for 2 years of normal operation and maintenance are included in the scope of supply and are adequate,

(ii) special tools (if any) are also included in the scope of supply.

**J. AFTER SALES SERVICE:**

The nature of after sales service, which can be offered by the bidder during initial commissioning and also subsequently should be clearly stated.

Bidders should also confirm that spares, both regular consumable ones as well as vital / insurance spares, for pump and all accessories quoted, shall be available for at least 10 years after the delivery of the material.

**Special terms & conditions:** Undertaking from the OEM of Pump and Electric Motor (in original on OEM’s letter head) shall be submitted by the bidder along with technical bid, guaranteeing 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, in the event of placement order.

**K. TECHNICAL CHECK LIST:**

<b>1</b>	Whether quoted as OEM of Pump and whether documentary evidences submitted? YES/NO
<b>2</b>	Whether quoted as authorized dealer of OEM of Pump and whether documentary evidences submitted? YES/NO
<b>3</b>	Whether quoted as OEM recommended assembler of Pump sets and whether documentary evidences submitted? YES/NO
<b>4</b>	Whether the offered Pump is horizontal, single acting, seal-less, packing free triplex hydraulically balanced diaphragm pump meeting API Standard 674? YES/NO
<b>5</b>	Whether the Pump is designed for continuous service duty? YES/NO
<b>6</b>	Whether the offered Electric Motor meets the specification mentioned in the tender? YES/NO
<b>7</b>	Whether the Minimum Net HP of the Motor is as per NIT requirement? YES/NO
<b>8</b>	Whether the Motor is rated for continuous power? YES/NO
<b>9</b>	Whether Test Certificates of the FLP Motor, FLP Local PBS and Cable Glands for use in hazardous Area are enclosed with the offer, as per tender requirement? YES / NO
<b>10</b>	Whether the speed reduction gear box is external foot-mounted? YES/NO
<b>11</b>	Whether the floor of the three runner skid shall be covered by checkered plates? YES/NO
<b>12</b>	Whether Flexible disc couplings have been incorporated in the transmission? YES/NO
<b>13</b>	Whether guards shall be provided over couplings? YES/NO
<b>14</b>	Whether the two years spares for the packages indicated have been included in the offer? YES/NO
<b>15</b>	Whether special tools and commissioning spares have been included in the scope of supply? YES/NO
<b>16</b>	Whether spares shall be available for 10 years after supply of equipment? YES/NO
<b>17</b>	Whether separately highlighted any deviation from the technical specifications? YES/NO
<b>18</b>	Whether the Pre-dispatch inspection of the Pump packages shall include Full Load Performance test of the Pump Sets ? YES/NO

**L. DATA SHEET :**


<b>1</b>	<b>DATA SHEET ( MOTOR )</b>
<b>2</b>	MAKE
<b>3</b>	MODEL
<b>4</b>	TYPE
<b>5</b>	VOLTAGE
<b>6</b>	FREQUENCY
<b>7</b>	NO OF PHASES
<b>8</b>	NO OF POLES
<b>9</b>	ENCLOSURE
<b>10</b>	COOLING SYSTEM
<b>11</b>	DIRECTION OF ROTATION
<b>12</b>	INSULATION CLASS
<b>13</b>	RATED RPM
<b>14</b>	DUTY
<b>15</b>	MOUNTING
<b>16</b>	STARTING
<b>17</b>	SWITCHING
<b>18</b>	TERMINAL BOX
<b>19</b>	GLAND
<b>20</b>	TYPE OF DRIVE
<b>21</b>	BEARING
<b>22</b>	GROSS HP AT RATED RPM
<b>23</b>	NETT HP AVAILABLE AT 1500 RPM
<b>24</b>	MAKE AND MODEL OF COUPLING MOTOR AND GEARBOX
<b>25</b>	<b>DATA SHEET (PUMP)</b>
<b>26</b>	MAKE
<b>27</b>	MODEL
<b>28</b>	SIZE ( PLUNGER DIAMETER X STROKE LENGTH )
<b>29</b>	LIMITING PRESSURE AND VOLUME AT OFFERED SIZE
<b>30</b>	OFFERED SPEED
<b>31</b>	LIMITING SPEED AS PER RELEVANT STANDARD
<b>32</b>	DISCHARGE VOLUME@OFFERED SPEED ( $\eta_{vol} = 95\%$ )
<b>33</b>	HHP REQUIREMENT AS PER NIT PARAMETERS
<b>34</b>	MAKE AND MODEL OF EXTERNAL GEAR BOX
<b>35</b>	GEAR RATIO OF EXTERNAL FOOT MOUNTED GEAR BOX
<b>36</b>	TYPE AND SIZE OF COUPLING BETWEEN MOTOR SHAFT AND GEAR BOX INPUT SHAFT
<b>37</b>	TYPE AND SIZE OF COUPLING BETWEEN GEAR BOX OUTPUT SHAFT AND TRIPLEX PUMP INPUT SHAFT

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**BB :: GENERAL NOTES TO BIDDERS:**

Sl No	Clause description
1.0	<p><b><u>Tender fee is not applicable against this tender.</u></b></p> <p><b><u>Bidders to take note of the following:</u></b></p> <ol style="list-style-type: none"><li><b><u>1.</u></b> 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 <a href="https://etender.srm.oilindia.in/irj/portal">https://etender.srm.oilindia.in/irj/portal</a></li><li><b><u>2.</u></b> Necessary Login ID&amp; 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 &amp; Password and request for bid closing date extension on that plea shall not be entertained by Company.</li><li><b><u>3.</u></b> MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi&amp; Village Industries Commission or Khadi&amp; Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts &amp; 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.</li><li><b><u>4.</u></b> For availing benefits under Public Procurement Policy (Purchase preference &amp; 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.</li></ol>
2.0	<p><b>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.</b></p> <p><b>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</b></p> <ol style="list-style-type: none"><li>a. (i) “MT760/ MT760 COV for issuance of bank guarantee</li><li>(ii) MT767/ MT767 COV for amendment of bank guarantee</li></ol> <p>The above message/intimation shall be sent through SFMS by the BG</p>

	<p>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>				
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 <b>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.</b></p> <p><b>a) Original Bid Security along with two duplicate copies of Bid Security.</b>  <b>b) Any other documents which have been particularly asked for in this tender for submission.</b></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 <b>SINGLE STAGE-TWO BID SYSTEM</b>. The bidder has to submit both the “<b>TECHNO-COMMERCIAL UNPRICED BID</b>” and “<b>PRICED BID</b>” 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="0" style="width: 100%;"> <tr> <td style="border: 1px solid black; padding: 2px;">Notes and Attachments</td> <td style="padding-left: 10px;">→ <b>Only Price Details Should Be Uploaded</b></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Technical attachments</td> <td style="padding-left: 10px;">→ <b>All technical bid documents except price details</b></td> </tr> </table> <p><b>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.</b></p>	Notes and Attachments	→ <b>Only Price Details Should Be Uploaded</b>	Technical attachments	→ <b>All technical bid documents except price details</b>
Notes and Attachments	→ <b>Only Price Details Should Be Uploaded</b>				
Technical attachments	→ <b>All technical bid documents except price details</b>				

	
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-&gt; User - &gt; Technical Bid. <b>No price should be given in above Technical Rfx otherwise the offer will be rejected.</b> Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFX Response-&gt; User - &gt; 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 &amp; 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 &amp; 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 &amp; 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 &amp; 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” [Organization] digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” [Organization] digital certificate, will be liable for rejection.</p>

15.0	<p>Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer. "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 &amp; of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects &amp; fault in material, workmanship &amp; 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 commissioning. 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 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:  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 &amp;  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	<b>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.</b>
22.0	<p>Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms &amp; 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. <b>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.</b></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 & BEC/BRC check list.
24.0	<p><b>Payment terms: Payment shall be released as follows:</b></p> <p>(i) 80% supply value of Reciprocating Pump Sets shall be paid against shipment/dispatch documents.</p> <p>(ii) Remaining 20 % supply value of Reciprocating Pump Sets along with Installation &amp; commissioning charges shall be paid after successful Installation &amp; commissioning and acceptance of the Reciprocating Pump Sets at OIL's site.</p>
25.0	<b>Liquidated Damage: Refer to "General Terms &amp; 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.</b>

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 against CIF valuing INR 5.00 Lakh and above &amp; 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 &amp; 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 dispatch for obtaining Essentiality Certificate from DGH towards concessional rate of GST against invoice valuing INR 1.00 Lakh and above.</p> <p>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 &amp; 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><b>Clauses related to GST</b></p> <ol style="list-style-type: none"> <li>1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings: <ol style="list-style-type: none"> <li>(a) GST - means any tax imposed on the supply of goods and/or services under GST Law.</li> <li>(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.</li> <li>(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.</li> </ol> </li> <li>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 &amp; 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.</li> <li>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 &amp; 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</li> </ol>



	<p>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. <b>When Input tax credit is available for Set Off</b> 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</p> <p><b>When Input tax credit is NOT available for Set Off</b> 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><b>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.</b></p>
30.0	<p><b><u>Pre-Bid Conference:</u></b></p> <p>(i) A pre-bid conference to explain Company's exact requirements and to reply queries of Bidders, if any, on the tender stipulations will be held on</p>

	<p><b>26.06.2019</b> at OIL's Field Head Quarters at Duliajan, Dist.: Dibrugarh, Assam, (India). Bidders interested to attend the pre-bid conference as above must contact/communicate with GM (FP), Oil India Limited, P.O. Duliajan-786602, ASSAM, Phone: 91-0374-2808721/91-374-2808705, Fax: (91)374-2800533, E-mail: pradipkrdas@oilindia.in / km_kumar@oilindia.in well in advance regarding the venue &amp; other related details.</p> <p>(ii) Maximum two (2) representatives from each prospective Bidder, shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by their representatives shall be borne by the interested Bidders.</p> <p>(iii) The prospective bidders may submit their queries, if envisaged against the tender conditions any, through e-mail/fax/letter to the above mentioned address prior to the date of pre-bid conference. OIL expects that the Bidders should comply to the tender conditions in toto. However, clarifications/exceptions/deviations, if required any, should be brought out by the bidders prior to or during the Pre-Bid Conference only. After processing these suggestions, as a sequel to the pre-bid conference, Company shall communicate the changes in this regard, if agreed any, through an addendum to tender document in e-portal.</p>
31.0	<p>For convenience of the qualified Bidders and to improve transparency, the rates/costs quoted by bidders against OIL's e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/ costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price-Bid is invited by Company through attachment form under "Notes &amp; Attachment" (i.e., NO PRICE Condition), Bidders must upload their detailed Price-Bid as per the prescribed format under "Notes &amp; Attachment", in addition to filling up the "Total Bid Value" Tab taking into account the cost of all individual line items and other applicable charges like freight, tax, duties, levies etc. Under NO PRICE Condition (i.e., Price Bid in attachment form), the "Total Bid Value" as calculated &amp; quoted by the Bidder shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/ omissions therein, if any. Notwithstanding to sharing the "Total Bid Value" or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the uploaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only upto seven days from the date of Price-Bid opening of the e-tender.</p>

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

In addition to BRC/BEC criteria vide SECTION – 'D' of General Terms and Conditions for Global Tender (MM/ GLOBAL/E-01/2005), the following clause will be applicable against this tender.

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

**(I) BID REJECTION CRITERIA (BRC)**

**A. TECHNICAL:**

**1.0** The bidder should be an OEM of pump or authorized dealer of OEM of the pump or an OEM (of pump) recommended assembler of pump sets for the last 05 (five) years reckoning from the original bid closing date of the tender. Documentary evidence of being the OEM/Assembler/Authorized Dealer of OEM (as the case may be) must be submitted along with the offer.

Bidders other than OEM must furnish valid authorization certificate from OEM (of pump) clearly stating whether the bidder is an authorized dealer of OEM (of pump) or an OEM (of pump) authorized assembler of pump set. In all cases the bidder has to purchase the Pump and the Electric Motor (in case of bought out item) from the respective OEM or the authorized dealer of OEM of these items and such purchase documents must be submitted along with the supply of the Pump set. Undertaking from the bidder in this regard must be enclosed with the offer.

**2.0** If the bidder is an OEM (of pump) recommended assembler of pump sets, he must purchase the pump and the motor from OEM or their authorized dealer. Undertaking from the bidder in this regard must be enclosed with the offer. Bidders other than the OEM must furnish the following undertaking from the OEM:

"Date of manufacture, make, model, serial no, test certificate, literatures and parts book of the pump and also the operation & maintenance manual of pump will be supplied if order is placed on the bidder."

**3.0** Bidders should have the experience of successfully executing at least 1(one) order for total minimum order value of **Rs. 49,63,200.00 OR USD 70,082.00** in preceding 5(five) years from the original bid closing date of the tender against supply of reciprocating pump with prime mover for oil field application in PSUs, State/ Central Govt. Undertakings, Public Limited Companies.

The bidder shall submit documentary evidence in support of his previous supply experience as follows :

i) Copy (ies) of Purchase Order(s) clearly mentioning the Gross value of the order,  
**AND**

ii) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s).

- a) Signed and Sealed Satisfactory supply / Completion / Installation report (in Original on User's Letter Head).
- b) Bill of lading, Invoice etc.
- c) Consignee receipt delivery challan
- d) Central Excise Gate Pass/Tax Invoices
- e) Commercial Invoice/Payment Invoice

**Note:**

(a) 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.

(b) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

**4.0** The pump model should have proven track record of not less than 720 running hours in one single unit in water flood / formation water disposal / hydrocarbon service applications (crude oil transfer, condensate injection/ pumping, polymer injection, glycol injection in the E & P Sector or petroleum and petrochemical products pumping in Refining & Distribution Sector of the Oil & Gas Industry)

Documentary evidence such as supply /purchase order copy, satisfactory performance certificates from the owner/user with the Make/Model of the pump clearly appearing in the body of the above documents should be enclosed with the technical bid.

**5.0** The prime mover should be 3 phase, squirrel cage, AC Induction motor as specified in the tender document.

**6.0** The bidder shall have to provide undertaking that in case the order is placed on the bidder, the pump packages to be supplied (including major component and all its accessories), will be manufactured after the bid closing date of this tender.

**7.0 Delivery Period:**

a. Delivery schedule **within four (04) months**, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the material **within four (04) months** after receipt of formal order(in case of indigenous bidder)

b. Maximum allowable delivery period after receipt of site clearance from OIL for Installation/Commissioning : 01 (one) month

Bidder should categorically confirm above, in the technical bid, failing which their offer will be rejected.

**B. FINANCIAL:**

- 1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **USD 70,082.00 OR Rs. 49,63,200.00** 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 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) 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 1,98,600.00 OR US\$ 2,804.00;** 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

- 6.2 Bank Guarantee towards Bid Security shall remain valid up to **29.02.2020**.
- 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 dispatch/shipment or twelve (12) months from the date of successful commissioning of the items at destination, 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 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 :**

<b>(A)</b>	<b>Unit Cost of Pump Set &amp; Accessories :</b>
<b>(B)</b>	<b>Total material cost (Unit Cost (A) X 2) (other than Sl. No. C below):</b>
<b>(C)</b>	<b>Cost of spare parts and special tools:</b>
<b>(D)</b>	<b>Total Material Cost (B+C):</b>
<b>(E)</b>	<b>Pre-shipment Inspection charges, if any:</b>
<b>(F)</b>	<b>Packing and FOB Charges:</b>
<b>(G)</b>	<b>Total FOB Port of Shipment value, (D + E + F):</b>
<b>(H)</b>	<b>Ocean Freight Charges upto Kolkata, India:</b>
<b>(I)</b>	<b>Banking &amp; Insurance Charges @ 1.5% on Total FOB Value vide (G) above:</b>
<b>(J)</b>	<b>Total CIF Kolkata value, (G + H + I):</b>
<b>(K)</b>	<b>IGST @ 5% on (J):</b>
<b>(L)</b>	<b>Compensatory Cess on (K), If any:</b>
<b>(M)</b>	<b>Total CIF + IGST Landed Value (J + K + L):</b>
<b>(N)</b>	<b>Total Installation &amp; Commissioning Charges: (i.e for total 2 Nos of Pump Set)</b>
<b>(O)</b>	<b>GST &amp; Applicable Compensatory Cess If any; on Installation &amp; Commissioning Charges vide (N) above:</b>
<b>(P)</b>	<b>Grand Total value(M + N + O) :</b>
<b>(Q)</b>	<b>Grand Total value in words:</b>
<b>(R)</b>	<b>Gross Weight :</b>
<b>(S)</b>	<b>Gross Volume :</b>

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

<b>(A)</b>	<b>Unit Cost of Pump Set &amp; Accessories:</b>
<b>(B)</b>	<b>Total material cost (Unit Cost(A) X 2) (other than Sl. No. C below):</b>
<b>(C)</b>	<b>Cost of spare parts and special tools::</b>
<b>(D)</b>	<b>Total Material Cost (B+C):</b>
<b>(E)</b>	<b>Pre-shipment Inspection charges, if any:</b>
<b>(F)</b>	<b>Packing and Forwarding Charges:</b>
<b>(G)</b>	<b>Total Ex-works value, (D + E + F) above:</b>

<b>(H)</b>	<b>GST on (G) above:</b>
<b>(I)</b>	<b>Compensatory Cess, If any on (H) :</b>
<b>(J)</b>	<b>Total FOR Despatching Station value (G + H +I):</b>
<b>(K)</b>	<b>Inland Freight Charges upto Duliajan, Assam including GST :</b>
<b>(L)</b>	<b>GST included Transit Insurance Charges @ 0.5 % of (J):</b>
<b>(M)</b>	<b>Total FOR Duliajan value, (J + K + L) above :</b>
<b>(N)</b>	<b>Total Installation &amp; Commissioning Charges: (i.e for total 2 Nos of Pump Set)</b>
<b>(O)</b>	<b>GST &amp; Applicable Compensatory Cess If any; on Installation &amp; Commissioning Charges vide (N) above:</b>
<b>(P)</b>	<b>Grand Total Value (M +N + O) :</b>
<b>(Q)</b>	<b>Grand Total value in words:</b>
<b>(R)</b>	<b>Gross Weight :</b>
<b>(S)</b>	<b>Gross Volume :</b>
<b>(T)</b>	<b>Import Content, if any:</b>

**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) 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.

iii) 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 considered for price bid evaluation against EC whenever applicable during import. IGST /Concessional GST @5% shall be considered for price bid evaluation against EC whenever 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 towards import, but EC will be provided by OIL for concessional GST @5% on the finished product.

iv) Installation/Commissioning charges must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares, boarding/lodging, local transport at Duliajan and other expenses of supplier's commissioning personnel during their stay at Duliajan, Assam (India).

v)All Income, GST, Corporate, Personal Taxes etc. towards the services provided under installation / Commissioning and Training shall be borne by the supplier and will be deducted at source at the time of releasing the payment.

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), (P) 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), (P) 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), (P) of BRC Commercial excluding (K + L) 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), (P) 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.

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**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.

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 . To Specify-	Yes / No
2.2	If quoted as OEM Dealer	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?	
<b>3.0</b>	<b>Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format Sent separately? If YES, provide details</b>	Yes / No
	<b>(a) Amount :</b>	
	<b>(b) Name of issuing Bank :</b>	
	<b>(c) Validity of Bid Bond :</b>	
3.1	<b>For availing benefits under Public Procurement Policy (Purchase preference &amp; 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).</b>	Yes / No
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer <b>validity of 120 days from</b> 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
<b>5.0</b>	<b>Whether confirmed to submit PBG as asked for in NIT?</b>	<b>Yes / No</b>
<b>5.1</b>	<b>Whether agreed to submit PBG within 30 days of placement of order?</b>	<b>Yes / No</b>
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 \_\_\_\_\_

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**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

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

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

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

**\*Applicable only for GLOBAL tenders**