



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

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Tender No. & Date : **SDG9939P19/07 dated: 03.12.2018**

Bid Security Amount : **INR 26,35,000.00 OR USD 37,230.00**

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

Pre- Bid Conference : **11.01.2019 at Oil India Limited, Duliajan (India)**

Bid Closing on : **13.02.2019 (at 11:00 Hrs. IST)**

Technical Bid Opening on : **13.02.2019 (at 14:00 Hrs. IST)**

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

Bid Bond Validity : **Bid Bond Should be valid up to 13.09.2019**

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

Integrity Pact : **Applicable**

OIL INDIA LIMITED invites Global Tenders for the following item:

ITEM NO.	ITEM DESCRIPTION	QUANTITY
<u>10</u>	OIL FIELD TRUCK MOUNTED NITROGEN PUMPING UNITS (NPUs)	3 NUMBERS
<u>20</u>	INSTALLATION & COMMISSIONING OF ITEM NO. 10 (TOTAL 3 NOS OF NPU)	1 ACTIVITY UNIT

FOR DETAILS PLEASE REFER THE FOLLOWING ANNEXURES:

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

AA:: MATERIAL DESCRIPTION, TECHNICAL SPECIFICATIONS & QUANTITY:

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<u>10</u>	OIL FIELD TRUCK MOUNTED NITROGEN PUMPING UNITS (NPUs)	3 NUMBERS
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DETAILED REQUIREMENT & TECHNICAL SPECIFICATIONS:

SCOPE OF SUPPLY:

Self-contained **Non-fired** Nitrogen pumping Unit (NPU) mounted on a Oil field truck capable of pumping and vaporizing 1, 80,000 SCFH (maximum) along with a storage tank of capacity 2000 US gallons of liquid nitrogen. The design/ selection of engine and transmission should be such that the same engine is used for haulage as well as for pumping. A smaller sized deck engine may be used exclusively for vaporizer system. The unit shall have nitrogen pumping vaporizing system capable of pumping up to 1, 80,000 SCFH of gaseous nitrogen and pressure up to 10,000 psi. Nitrogen pumping system shall have liquid nitrogen storage tank to feed the liquid nitrogen through a boost pump with valve Manifold system. The nitrogen pumping system should have a triplex pump, high pressure-piping Manifold, **Non-fired vaporization system** and control system mounted on truck chassis as detailed below:

1.0 APPLICATION:

For operation in oil / gas / injection wells for carrying out the following well servicing jobs:

Well unloading & activation, Sand cleaning, Removal of fill etc. and any other Well intervention jobs together with / without Coiled Tubing Unit.

Maximum Well depth : 5500.0 metres.

Working pressure : Maximum 10,000 psig.

Fluid to be handled : Liquid Nitrogen.

Working atmosphere : Ambient temp: 5°C to 45°C in a relative humidity of maximum 95%.

2.0. EQUIPMENT DETAILS:

2.1. TRUCK CHASSIS AND PLATFORM :

Brand New Truck chassis manufactured not prior to six months from the date of issuance of Letter of Intent (LOI). The truck chassis must be of **Kenworth/ International/ Peterbilt** and shall be suitable for operation in rough terrain, typical oil field roads and desert environment. The platform where the Nitrogen Pumping Unit equipment shall be mounted should be robust in design and capable of withstanding and transmitting static as well as dynamic loads uniformly to the chassis. The bidder shall take special care in selecting and designing the platform considering the unit's application in rough terrain and typical oilfield roads. The offered model shall be latest and conforming to international quality standard norms, having specifications, fittings, accessories, etc. as under -

Note: The Technical leaflets/brochure of the offered model truck chassis shall be submitted along with bid.

2.1.1 DIMENSION (COMPLETE UNIT) :

Overall Width - Should not exceed 2.6 meter
 Overall Height - Should not exceed 3.5 meter
 Overall Length - Should not exceed 13.0 meter
 Ground Clearance - Not less than 30.0 cm. It shall be bidder's endeavor to mount subsequently fitted undercarriage components (i.e. other than originally mounted components) at maximum possible height.

2.1.2 ENGINE:

Water-cooled diesel engine of adequate power (within the range 425 - 500 HP at around 2100 RPM) suitable for road drive as well as Nitrogen Pumping operation. The offered engine shall comply with emission norms EURO - IV or Higher. If the offered Engine is of higher Emission Norms than EURO - IV then the offered engine shall be compatible with the Fuel as applicable in the state of Assam in India at the time of delivery. The make of the engine shall be of Caterpillar/International/Cummins only.

2.1.3 TRANSMISSION:

One fully Automatic Transmission preferably Allison 4700 Oil Field Series (OFS) having in-built Torque Converter and Epicyclic (Planetary) gear system applicable for Oil Field Series (OFS) for both road drive and well operation. The offered Transmission shall be compatible with the engine. Suitable Transfer Case & PTOs as per design / requirement shall be provided.

The make and model of the offered transmission, transfer case, PTOs etc. shall be clearly indicated in the bid with supporting technical leaflets etc.

Manual Transmission; Semi-Automatic/Automated Transmission are not acceptable.

2.1.4 DRIVE & STEERING:

Drive	Semi Forward Control (SFC)-6X4 Drive (Single non powered front axle & two Powered rear axles).
Steering	Right hand drives Hydraulic Power Assisted Steering (Steering wheel on the right hand side inside the driver's cabin).
Minimum Turning Circle Radius	Minimum Turning Circle Radius (MTC) not more than 16.00 meters.

2.1.5 SUSPENSION, GVW & AXLES :

A. Front Suspension	Heavy Duty Multi-Leaf Spring Suspension of suitable design with Shock Absorbers.
B. Rear Suspension	Rocker Beam (Walking Beam) suspension with auxiliary leaf springs or rubber cushion support of suitable design with shock absorbers.
C. Laden Weight	Within 30,000 Kg

Front Axle Capacity	As per Design
Rear Axle Capacity	As per Design
D. Rear Axles shall have Inter Axle Lock facility.	

2.1.6 WHEELS & RIMS:

Suitable wheels (2 Nos. at Front Axle, 8 Nos. at Rear Axles) with Tube & Tire of adequate ply rating with two sets of complete spare wheels (even in case of identical front & rear wheels).

Super Single tyre is not acceptable.

It shall be bidder's endeavor to offer front and rear wheels of same size & type. If not possible for design constraint, **two spare wheels - one for each type** shall be supplied. Suitable lifting & mounting arrangement facility for spare wheels shall be provided.

2.1.7 BRAKE:

A. Service Brake	ABS control, Multiple Circuit Pneumatic S Cam brake acting on all wheels.
B. Parking/ Emergency Brake	Parking Brake operating through hand operated shifter valve. It shall automatically get engaged in the event of low/ no air pressure.
C. All Emergency / Parking Brake Servos shall have manual release mechanism (Screw Type) to release the brake manually in case of low/ no air pressure for maintenance.	
D. All air tanks shall have Drain Plugs.	
E. All wheel brake drums shall have Dust Cover.	
F. Buzzer warning for low air pressure.	

2.1.8 FUEL TANK:

Two nos. of fuel tanks each of minimum 100 USG (380 Lts.) capacity with suitable strainer at the opening of the tank to prevent entry of foreign materials & locking arrangement shall be provided.

2.1.9 DRIVER'S CABIN:

Factory build (original built & supplied with chassis by chassis manufacture) ergonomically designed floating steel / aluminium driver's cabin complete with all standards fittings. Sitting capacity inside the cabin should preferably be 3 (three) including the driver.

2.1.10 OTHER FITTINGS & ACCESSORIES:

A.	Sufficient Side marker lights, Hazard warning lights, rear & side reflectors, Air horn in additional to electric horn, etc. for safe movement of the unit on road.
B.	2 (two) Nos. Rear Searchlight mounted on rear top of driver's cabin for illuminating rear equipment for night working.
C.	While all lights shall be covered to the extent possible with suitable guard to prevent damage; all electrical fittings / components / connections shall be suitable to operate in hazardous oilfield area.

D. Gauges & meters including Engine Tachometer & Hour meter as per standard inside driver's cabin. Speedometer & Odometer with metric KM calibration only. Two Nos. fans inside driver's cabin.
E. It shall be bidder's endeavor to provide the Engine Oil Pressure & Temperature meters, Air pressure meter, Transmission oil pressure & Temperature meters (if any) with high low warning buzzers.
F. Suitable Reversing Audio Alarm with Blinker lights at rear of the unit.
G. Suitable Air Dryer with replaceable type filter element for truck's pneumatics.
H. Well covered & non conducting material wrapped Vertical Exhaust located behind and projected above the top of the driver's cabin.
I. Suitable heavy duty front & rear Towing Hook capable of pulling/towing the unit from bogged down situation in slushy areas in oilfields from front as well as rear.
J. Electrical equipment like starter, alternator, etc. shall be of Lucas or Delco Remy make.
K. Engine should only start when transmission is in neutral position.
L. Suitable electrical Master Switch to disengage all electrical circuits from battery.
M. Well covered Battery Box, Standard Tool Kit in a portable box for general maintenance of the truck, heavy duty grease gun, wheel wrench & handle, 2 (two) Nos. min. 30 MT capacity hydraulic jack with handle, 2 (two) Nos. stopper block for rear wheels.
N. Fire Extinguisher & First Aid Box inside the driver's cabin.
O. Suitable spark arrestor for engine exhaust for operation in oilfield area.
P. Vehicle shall be equipped with Speed Limit Device maximum speed 60 km/hr and Global positioning System (GPS).

2.2 PUMPING SYSTEM:

2.2.1 CRYOGENIC TRIPLEX PLUNGER PUMP:

The Cryogenic Triplex pump shall be installed on the truck chassis and shall be hydraulically powered. The pump should be capable of pumping liquid Nitrogen equivalent to 180,000 SCFH (85 m³ /min) of gaseous Nitrogen. The pump shall have the following specifications:

Max discharge Pressure	10,000 Psi
Bore size	1.625 inches
Stroke	1.38 inches
Lubrication	force feed suitably with a hydraulically driven Lube pump
Make of the pump shall be either CS&P or ACD	

2.2.2 CRYOGENIC BOOST PUMP :

Hydraulically driven Boost Pump to feed liquid nitrogen into the Triplex Pump of the following specification:

Type	Centrifugal type for cryogenic application
Pump size	1.5" X 2.5" X 6"
Maximum delivery rate	Liquid Nitrogen equivalent to 180,000 SCFH of gaseous Nitrogen
Make	CS&P or ACD
Note:	The delivered pressure at the inlet of Triplex Pump should be sufficient enough so that no starvation is developed at any speed of the Triplex pump.

2.2.3 VAPORIZER / HEAT EXCHANGER :

The vaporizer should be capable of handling Nitrogen Flow rate 180,000 SCFH (max) with Max. Working Pressure 10,000 psi to raise the temperature of the discharged Nitrogen up to 40deg C. Pressure drop between the inlet and the outlet of the vaporizer should not be more than 500 psi. The vaporizer could be of any one of the following operating principle:

OPTION - 1
A) A water bath vaporizer would be the main source of vaporization utilizing the waste heat in the vehicle engine coolant, hydraulic oil and the lube oil system for heating up the Liquid Nitrogen coming out from the Triplex Pump for vaporization. A smaller sized deck engine may be used for vaporizer system. B) An exhaust vaporizer would be the secondary source of vaporization. A diverter valve shall allow the operator to divert the exhaust (utilizing the heat) through this vaporizer to heat the liquid nitrogen coming out from the Triplex Pump.
OPTION - 2
A) Forced Air ambient vaporizer circulating hot air through Hydraulic Oil cooler, Engine radiator with the help of hydraulic driven fan. In case of forced air type, the blower RPM control must be separate from the Engine RPM control. B) An exhaust vaporizer would be the secondary source of vaporization. A diverter valve shall allow the operator to divert the exhaust (utilizing the heat) through this vaporizer to heat the liquid nitrogen coming out from the Triplex Pump.

Note:

- a) The bidder must confirm in his bid which of the above options they would choose and the same would be binding and cannot be changed during the process of unitization.
- b) In both the options, the temperature of the coolant coming out from the vaporizer (i.e. inlet to the engine radiator) should be maintained in such a manner that it does not affect in the performance of the engine.

2.2.4 LIQUID NITROGEN TANK:

The bidder shall provide Liquid Nitrogen Tank of following specifications:

- i) 2,000 US gallon gross capacity
- ii) 50 psi Maximum Allowable Working Pressure at maximum temperature – 320°F (minus 320°F).
- iii) Stainless steel inner vessel.

- iv) Carbon steel outer vessel.
- v) The tank should be manufactured as per American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section VIII, Division 1.
- vi) Insulation compatible with a high vacuum to minimize heat flux and consequential product boil off. Allowable evaporation rate shall be 0.75% per day.
- vii) To provide pressure build up coils to maintain set pressure of the vessel.
- viii) The tank gauge panel shall include the following:
 - 1. Liquid level gauge (Differential type)
 - 2. Tank vapor pressure gauge
- ix) A vacuum probe valve complete with thermocouple probe for checking the vacuum of the tank
- x) A valve manifold shall be installed on the tank and shall contain the following:
 - 1. An air actuated valve to automatically control the tank pressure.
 - 2. An air actuated valve to automatically vent when the vapor pressure exceeds the desired set pressure.
 - 3. A hydraulically / pneumatically actuated valve to allow the operator to bleed the gas pressure off the tank as required during pumping operations. This vent should be routed to the ground.
 - 4. One (1) no. of 2" tank safety relief valve.
 - 5. A rupture disc assembly to prevent over pressuring the tank.
 - 6. One 1/4" outlet with a valve for filling of Liquid Nitrogen in small cans.
- xi) All manually operated piping valves such as Nitrogen tank suction and delivery valves must easily accessible for hand operation.

2.3 DISCHARGE MANIFOLD:

The discharge connection consisting of following:

- i. 2" full flow, spring loaded, reset Relief valve : 1 (One) no.
- ii. 15,000 psi discharge (liquid filled) pressure gauge : 1 (One) no.
- iii. Discharge Nitrogen temperature gauge : 1 (One) no.
- iv. 2" X 15,000 psi Plug valve : 1 (One) no.
- v. 2" X 15,000 psi Fig 1502 female part for connecting to treating iron: 1 (One) no.

All piping shall be suitable for Liquid Nitrogen service.

3.0 CONTROL CABIN AND INSTRUMENTATION SYSTEM:

3.1 CONTROL CABIN:

The control cabin should be designed for adequate space for a two-person operation. The cabin should be provided with hydraulically adjustable lifting mechanism. Cabin will have windows on all four sides for better visibility. Entry doors shall be present on both side of the cabin. One no. of 0.75 meter wide access ladder with handrails should be included. The cabin should be air-conditioned. Inside paneling to be done with Aluminum alloy riveting to the frame and cabin should have thermocol insulation. The design of the control cabin must be ergonomic for

operational use as well as for easy evacuation in case of emergency.

3.2 CONTROL PANEL:

Metallic panel shall be mounted inside of control cabin. Mechanical type instruments installed in this panel shall be liquid filled with brass or stainless steel bodies

The gauges and controls that will be required to be installed in this panel will be as follows:

- i) Engine coolant temperature gauge
- ii) Engine oil pressure gauge
- iii) Lube oil temperature gauge.
- iv) Engine rpm
- v) Engine start / stop
- vi) Hydraulic oil pressure gauge.
- vii) Hydraulic Temperature gauge
- viii) Air Pressure gauge
- ix) Transmission oil temperature gauge.
- x) Transmission oil pressure gauge.
- xi) Triplex Pump Control
- xii) Triplex pump power end lube oil pressure gauge and additional pressure gauge with direct power end lube oil system
- xiii) Triplex pump rate and total pumped.
- xiv) Triplex pump press, Suction & Delivery (Shall be Mechanical type)
- xv) Gaseous Nitrogen Discharge Pressure Gauge (Shall be Mechanical type)
- xvi) Discharge Nitrogen Temperature gauge at the outlet of vaporizer (Shall be Mechanical type)
- xvii) Boost Pressure gauge (Shall be Mechanical type)
- xviii) Boost control valve (Shall be Mechanical type flow control valve)
- xix) Emergency shut down
- xx) Normal shut down
- xxi) Lights on / off
- xxii) Air horn
- xxiii) Transmission shifter
- xxiv) Throttle control
- xxv) Vaporizer control system
- xxvi) Vaporizer outlet coolant temperature gauge
- xxvii) Delivery line temperature gauge (Pyrometer)
- xxviii) Audiovisual Safety alarms for safe operation and protection of main equipment of the unit.

All the above gauges shall be of dual scale, English & Metric.

3.3 FLOW METERING SYSTEM:

The unit must have provision for measuring and displaying pumping parameters such as fluid pumping rate, density and total flow data and provision for feeding the signal to standard data acquisition systems such as NOV CTES Orion or MEDCO DAS mounted on an allied unit such as Coiled Tubing Unit. The length of cables shall be 30 m and suitable to transmit all the above mentioned parameter to DAS.

4.0 HYDRAULIC SYSTEM :

A suitable hydraulic system should be provided for power transmission to run the

cryogenic boost pump, triplex pump, lube oil pump, fan for vaporizer (if required) etc. The following points must be conformed to regarding the hydraulic system installed in the unit:

1. All hydraulic pumps and motors shall be of hydraulic displacement control type (Electrical displacement control system is NOT acceptable).
2. All hydraulic direction control valve shall have mechanical actuation system. In case of Pilot operated direction control valve, pilot signal shall be either pneumatic or hydraulic.
3. Make of the hydraulic pump and motors shall be of Saur Danfoss / Sun Strand / Parker / Denison / Rexroth / Linde only. The following information shall be provided along-with the offer in a tabular form:
 - Total number of hydraulic pumps
 - Make, model, type (vane, gear, piston etc.) & specification (fixed/variable displacement, closed/open loop, etc.) of each pump
 - Functions of each pump (which pump provides flow to which circuit and which end functions)
 - Total number of hydraulic motors and cylinders
 - Make, model and type of each motor/cylinder
 - Function of each motor/cylinderNote: Use of fixed displacement hydraulic pumps should be restricted to the extent possible.
4. Make of the hydraulic hoses and end connections shall be of Parker/Gates/Eaton/Power Grip only and having SAE / DIN standard. All hydraulic hoses shall be distinctly marked with tags at both ends for easy identification.
5. All the hydraulic pumps and motors/cylinders shall be easily accessible for maintenance and replacement.
6. A hydraulic oil reservoir of adequate capacity, located suitably to provide sufficient suction to the hydraulic pumps, with suitable arrangement for draining and cleaning should be provided with the following:
 - baffle plate
 - sight level glass in easily readable position
 - temperature indicator (for in tank hydraulic oil temperature)
 - breather cap
 - return filters and suction strainers etc.
7. Integrated hydraulic circuit diagram using standard symbols/legend of the entire unit shall be provided along with the offer. The circuit diagram shall further include details of hydraulic cooler system.
8. Block diagrams for mechanical power transmission as well as hydraulic power transmission are to be provided along with the offer.
9. In the event of an order, bidder shall provide a list of:
 - All hydraulic hoses used in the unit stating size, length, end connection and SAE specification.
 - All hydraulic filters and strainers stating their part nos. and the replacement frequency for each.
 - All hydraulic valves with their part nos., ratings and detailed specifications.

5.0 ILLUMINATION:

The unit should have an inbuilt electrical system to provide sufficient illumination to enable operation during night hours.

6.0 PIPING :

1. All cryogenic piping system irrespective of pressure rating shall be new.
2. Low pressure piping will be SAE 304 stainless steel and will have flex hoses to allow for movement.
3. A strainer will be installed between the boost pump discharge and the suction manifold of the triplex pump. There will be gauge connection ports on both sides of this strainer to allow the operator to view the pressure before and after the strainer.
4. The low pressure suction piping between the tank and boost pump shall be 2 inch stainless steel.
5. Boost / Triplex priming valves to allow flow from the boost pump directly back to tank for priming the pumps.
6. Low pressure relief valves should be installed in the low pressure piping where the possibility of trapping liquid nitrogen exists.
7. Two side fill lines, one on either side of the unit and a rear fill line with manual shutoff ball valves, manual bleeder valves and relief valves shall be installed.
8. The load manifold will be configured to allow both top and bottom filling of the storage tank.
9. On the discharge side of the cold ends, a “U” shaped discharge line will tie into a discharge manifold. This “U” shaped line allows for expansion and contraction. The liquid nitrogen discharge manifold will be supported to prevent excess vibration.
10. All high pressure piping connections will be capable of 15,000 psi Maximum Allowable Working Pressure.
11. The discharge line will incorporate a check valve, bleeder valve and plug valve with wing to the wellhead.
12. Liquid Nitrogen filling lines should be of NIT 250 male connection.

7.0 TREATING IRON / DISCHARGE MANIFOLD :

The following items are to be supplied with the unit along with easily accessible and convenient iron racks mounted on the unit body:

QTY	DESCRIPTION
Eight (8)	2” x 3m long straight joint with 1502 union ends
Two (2)	2” x 1.5m long straight joint with 1502 union ends
Four (4)	2” style 10 type swivels with 1502 union ends
Six (6)	2” style 50 type swivels with 1502 union ends

One (1)	2" dart style check valve with 1502 union ends
One (1)	2" plug valve with 1502 union ends
Two (2)	Cryogenic hoses for liquid Nitrogen transfer with storage tubes, rated working pressure 150 psi, size NIT 250 x 10 ft long. with hammer union connection for connecting to NIT 250 liquid nitrogen fill line.

The above treating irons shall be 15,000 psi rated working pressure. All high pressure iron shall be of make FMC or SPM.

8.0 TOOLS:

One set of relevant tools for operation and maintenance of the unit for all equipment, engines, pumps, associated hydraulic system, Allison transmissions, PTO, etc. to be supplied. Apart from the Tools mentioned in para 2.1.10 M, the following additional tools shall be supplied along with the unit.

- Pipe Wrench (size 12", 18", 24") : 3 no (each)
- Combination Spanners : 3 sets
- Combination Pliers : 3 nos
- Allen Key Set : 3 nos.
- Screw Drivers (plain, Size 6" X 10") : 3 nos
- Screw Drivers (Philips Size 6" X 10") : 3 nos
- Fire Extinguisher : 1 no.
- Special tools wrenches for Pump servicing : 2 set
- Aluminum ladder : 2 no

9.0 SPARES:

9.1 COMMISSIONING SPARES:

The Supplier has to supply all the spare parts including hydraulic & fuel filters required for initial commissioning of each unit.

9.2 OPERATIONAL CRITICAL SPARES :

Supplier shall supply the following operational critical spares along with the supply of each UNIT.

i) AUTOMOBILE SPARE PARTS LIST:

Following spares in specified quantity as indicated shall be supplied along with each unit. Specific description, part Nos., Make etc. & unit price of each & every spares shall clearly be indicated in the bid **(in price bid only)** for bid evaluation.

A. ENGINE -

- 1. Fuel Filter Element - 10 Nos.
- 2. Water Separator Filter Element - 10 Nos.
- 3. Engine Oil Filter Element - 10 Sets
- 4. Air Filter Element - 10 Sets
- 5. Water/Corrosion Filter Element - 05 Nos.
- 6. Fan Belt - 04 Sets
- 7. Alternator Belt - 04 Sets
- 8. Compressor Belt - 04 Sets
- 9. Water Pump Repair Kit - 02 Sets

- | | |
|-------------------------------------|-----------|
| 10. Water Hose | - 04 Sets |
| 11. Engine Mounting | - 01 Set |
| 12. Radiator with coolant reservoir | - 01 Set |
| 13. Fan drive Hub Assembly | - 01 No. |

B. TRANSMISSION -

- | | |
|---|-----------|
| 1. Transmission Filter Element | - 04 Sets |
| 2. Transmission Mounting | - 02 Sets |
| 3. Gear Shifter (one inside driver's Cabin) | - 01 No. |
| 4. Gear Shifter Repair Kit | - 02 Sets |
| 5. Gear Shifter Hoses | - 02 Nos. |
| 6. TCM with Harness | - 01 Set. |

C. TRANSFER CASE (if any) & POWER TAKE OFF (PTO) -

- | | |
|-------------------------------|-----------|
| 1. Oil Filter Element, if any | - 04 Sets |
| 2. Mounting | - 02 Sets |
| 3. Oil Seal | - 02 Sets |
| 4. PTO actuator Seal Kit | - 05 Nos. |

D. FRONT AXLE -

- | | |
|-------------------------|------------|
| 1. Wheel Stud with Nuts | - 20 Nos. |
| 2. Axle Stud with Nuts | - 20 Nos. |
| 3. Wheel Hub Oil Seal | - 02 Sets* |
| 4. Wheel Hub Bearing | - 01 Set* |

(* set comprising of items for one wheel)

E. REAR AXLE -

- | | |
|---|------------|
| 1. Wheel Stud with Nuts | - 30 Nos. |
| 2. Axle Stud with Nuts | - 20 Nos. |
| 3. Wheel Hub Oil Seal | - 02 Sets* |
| 4. Wheel Hub Bearing | - 02 Sets* |
| 5. Differential Oil Seal | - 02 Sets* |
| 6. Differential Filter Element (if any) | - 02 Sets |

(* set comprising of items for one wheel / differential)

F. DRIVELINE (Propeller Shaft) -

- | | |
|--------------------------------|-----------|
| 1. UJ Cross (Spider & Bearing) | - 01 Set* |
|--------------------------------|-----------|

(*set comprising of different UJ crosses complete for both front & rear drivelines)

G. STEERING -

- | | |
|-------------------------------------|-----------|
| 1. Steering Oil Filter Element | - 02 Sets |
| 2. Steering Pump Repair Kit | - 01 Set |
| 3. Steering Box/Cylinder Repair Kit | - 03 Sets |
| 4. Tie Rod End (for both sides) | - 02 Sets |

H. BRAKE & PNEUMATICS -

1. Foot Brake Valve Repair Kit - 03 Sets
2. Repair Kit for Front Wheel Servo - 04 Sets*
3. Repair Kit for Rear Wheel Servo - 08 Sets*
4. Air Dryer Filter Element - 08 Nos.
5. Repair Kit for all Pneumatic Valves - 01 Set each

(* set comprising of items for one servo)

I. ELECTRICAL -

1. Engine Starter - 01 No.
2. Alternator - 01 No.

ii) SPARES FOR NITROGEN PUMPING UNIT (Per unit)

Description	Quantity
1. Tank relief valve	1 no
2. Rupture disk, Cryogenic tank	2 no
3. Valve repair kit for all sizes of valve used in the cryogenic piping	1 each
4. Tank content gauge	1 no
5. Flexible cryogenic pipings used in the cryogenic pipe connection	1 each
6. Cryogenic boost pump repair kit	2 set
7. Cryogenic triplex cold end repair kit (1 set= 3 nos cold end repair kit)	3 set
8. Hydraulic filters (A set should consist of all hydraulic strainers, pressure line filters and return line filters fitted on unit during operation.)	4 sets
9. Joystick to control blower speed (or its alternate)	1 no
10. Joystick to control Triplex speed (or its alternate)	1 no
11. Plug valve repair kit (Nitrogen discharge line)	1 no
12. Cryogenic pump warm end repair kit	1 no
13. Flow meter to measure LN2 discharge	1 no
14. Thermo couple, cable and meter to measure discharge temp	1 set
15. Pump lube oil filter	4 no
16. Pump lube pressure sensor	1 no
17. Pump lube temp sensor	1 no
18. Pump discharge pressure gauge	1 no
19. Pilot operated relief valve for boost pump control	1 no
20. Gear oil filter for triplex pump	4 Nos.
21. Drive couplings for pumps	1set

NOTE -

- a. All spares in specified quantity as indicated above shall be supplied along with the unit.
- b. Specific description, Part Nos., Make etc. and Unit Price (**in price bid only**) of each and every item shall clearly be indicated in the bid.

c. In case of any difference in spares for vehicle's left & right wheel studs, axle studs, etc., the specified quantities will be divided into 2 (two) equal parts.

d. Bidder shall also quote separately **for any additional spares** with similar details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in this list for **future reference / procurement- HOWEVER, THE PRICE QUOTED FOR SAID ADDITIONAL SPARES WILL NOT BE TAKEN IN TO ACCOUNT FOR BID EVALUTION AND THE PRICES MUST BE MENTIONED ONLY IN THE PRICE BID.**

9.3 RECOMMENDED SPARES:

The bidder shall furnish a list of spares & components that will be required for regular operation and maintenance, overhauling etc. throughout the life of the equipment complete with price (**in price bid only**) of each item. Annual consumption of each spare should be furnished. The bidder should also provide detailed spare list of all the items including bought out items in the operation and maintenance manuals. The list should include a spare parts list along with OEM part numbers, make & model of the equipment and contact postal address of OEM for all items of the whole unit. **THE PRICE QUOTED FOR RECOMMENDED SPARES WILL NOT BE TAKEN IN TO ACCOUNT FOR BID EVALUTION AND THE PRICES MUST BE MENTIONED ONLY IN THE PRICE BID.**

The bidder has to submit a complete spare parts list for the whole unit sub grouping major component in the following format as shown with example:

Name of the component/ Sub com.	Description of the item	Part no./ID no. of item	Frequency of replacement (in Hours/Day)	Make
Triplex	Plunger	Xx	10000	ACD
	Sleeve	Xxx	7000	ACD
	Cold end repair kit	Xxx	5000	ACD
	Pump Head	Xxxx	5000	ACD
Booster Pump	Bearing	Y	10000	SKF
	Bellow seal kit	Yy	10000	REXROTH
	Hydraulic pump	Yyy	20000	
	Gasket etc.	Yyyy	10000	
Truck Engine water pump/alternator/head assembly	Fuel Filter	Zz	5000	PNEULATOR
	Piston Ring	Zzz	70000	CUMMINS
	Head	Zzzz	100000	CUMMINS
	Hose	Zzzzz	1000	SAE No.
	Cable	Zzzzzz	1000	SKF
	Bearing etc.	Zzzzzzz	100000	

9.4 The bidders must submit a written undertaking (along with the bid) that they would be able to supply all the requisite spares and consumables (including bought out items) for a minimum period of 10 (ten) years from the Certified date of completion / successful field commissioning of the unit.

10.0 UNITIZATION AND COMPLETION:

The above unit shall be fully assembled, unitized and completed as per best industrial practice. This shall include the following items:

- i) Installation of all electrical systems.
- ii) Installation of all pneumatic systems.
- iii) Installation of all hydraulic systems.
- iv) All operating oils, coolants and other operating fluids will be drained prior to shipment.
- v) All fixtures to ship complete with the unit.
- vi) One Steel toolbox **fitted** in a convenient position (easy to reach, preferably on the sides).
- vii) Surface lines/treating irons to be placed on rack(s) near the base of the chassis (easy to reach).
- viii) **Noise level** for the complete unit in running condition **above 90.0 db is not acceptable.**
- ix) All tanks (Fuel, Hydraulic oil etc) shall be fitted with suitable filter and locking arrangement.
- x) All labor to complete unit.
- xi) Workmanship should be of good quality and appearance. Following is a partial list of examples:
 - a) Flame cut edges shall be ground smooth. Sharp corners and edges to which operators and mechanics are vulnerable shall be ground smooth.
 - b) Bolt holes shall be drilled (not torch cut)
 - c) Welds shall be of good quality and of sufficient strength.
 - d) Use self-locking nuts.
 - e) All hoses will be well supported with support type clamps.
 - f) All hose assemblies will have swivel ends.
 - g) All hoses will be protected by well secured rubber sleeves to prevent rubbing by frame, etc tagged for easy identification
 - h) All reservoirs constructed of steel plate with level gauge, cleanouts, vent fill cap, etc.

11.0 STANDARDS:

The complete pumping unit shall be built under the quality standards of

- i) **EURO IV** or as applicable in the state of Assam in India at the time of delivery.
- ii) ASME standards
- iii) The Static and Mobile Pressure Vessels (Unfired) SMPV (U) Rules, 1981, India

The operations of this unit shall be covered under the

- i) Government of India Ministry of Labour,
- ii) Directorate General of Mines Safety, Dhanbad, India.

12.0 TECHNICAL MANUALS AND CERTIFICATION FOR OPERATION AND MAINTENANCE OF THE UNIT:

The following Manuals & Catalogues in printed form (in English language) shall be supplied along with the unit in addition to the supply of the same in Compact Disk (CD). Supply of the manuals/ catalogues only in Compact Disk is not acceptable. Manuals/ Part Catalogues provided shall be Custom Illustrated Manuals/Catalogues for the particular vehicle and equipment only, not a general Composite Manual/Catalogue.

A. 4 (Four) sets of printed Spare Parts Catalogue and Workshop & Service Manual for all components/systems of truck chassis like engine, transmission, axles, brakes, suspension, electrical & pneumatic systems, etc. with complete schematics of electrical & pneumatic circuits.

B. 2 (two) sets of Operator's manual for vehicle.

C. 1 (One) set of Engine Fault Diagnostic & Repair Tool manuals in case of engine with Electronic Controller System

D. 1 (One) set of ABS Fault Diagnostic & Repair Tool manuals.

E. The bidder has to supply 4 (Four) sets of operating, maintenance and spare parts manual detailing maintenance schedule for daily maintenance, preventive maintenance, major overhauling and frequency of spares replacement for all the components of the unit. The operation and maintenance manual should also contain details of all sub assemblies, instrument sensors, wiring diagram, hydraulic schematics with color code and entire requisite spare parts with part no (Preferably OEM part no. with detail contact address). All schematics must be of sufficient size and legible in both the hard copies and soft copies for ease of identification of minute schematic details.

F. 4 (Four) copies of all relevant test and quality control certificates of the manufacturing and testing of all unit functions and parameters shall be supplied.

G. 4 (Four) sets of all relevant test and calibration certificate for each instrument shall be supplied along with the unit.

H. All necessary licensed software in original packages along with user software backups are also to be supplied.

COMMISSIONING OF THE UNIT SHALL NOT BE CONSIDERED AS COMPLETE UNTIL & UNLESS ALL THE ABOVE PRINTED MANUALS / CATALOGUES ETC. ARE SUPPLIED

13.0 INSPECTION CUM ACCEPTANCE:

1) Third Party inspection of the unit is to be carried out for all the component of the unit by OIL approved TPI agency (viz M/s Lloyds/ M/s Bureau Veritas/ M/s Tuboscope Vetco/ M/s IRS / M/s Rites/ M/s DNV only). Scope of 3rd party inspection:

- i) Witness the manufacturing and assembly
- ii) Witness the functional and performance tests
- iii) Any other requirement of the inspection agency as per applicable standards.
- iv) Pressure testing of cryo vessel

Note: Bidders will quote Third Party Inspection charges separately in the Price Bid only, which will be considered for bid evaluation.

2) Pre shipment inspection shall be carried out by OIL (by representatives of WSS & ALP section of OGPS Deptt., P&D Section of PSS Deptt., Instrumentation Deptt., Logistics Deptt., Field Engineering Deptt. etc.) at manufacturer's site. The supplier shall inform OIL at least 2 (two) months ahead for such inspection to enable OIL to send its inspectors. The supplier has to arrange to inspect the unit by a team of 5 (five) OIL's engineers. OIL will bear the expenses towards traveling and accommodation etc. of the OIL's inspection team. The Inspection cum Acceptance process would include the following minimum steps/tasks but not limited to -

a. Physical verification/inspection of all the items/fittings/accessories including all Parts Catalogue, Maintenance & Service Manuals, Final Chassis Built Up/Vehicle

Content Record documents, etc. and actual loading on axles . The supplier shall arrange driver/operator, weighing facility and any other infrastructure during the process of inspection as and when required.

b. Operational/functional testing of the entire unit. The supplier has to keep sufficient liquid nitrogen at their base, ready for use in the operational testing of the unit, in front of the OIL representatives.

c. Supplier shall have to take note of any minor modification(s) for operational requirement suggested by the inspectors and comply with the same at no extra cost to OIL.

d. The inspection report would be prepared at the end of the inspection and jointly signed by both the parties.

e. Supplier shall confirm in writing compliance to all the points raised in the inspection report as well as any other subsequent additions/changes, following deliberation with the inspectors after arrival at Duliajan.

f. Supplier will affect dispatch of the unit only on receipt of OIL's despatch advice.

Note: Pre-Despatch Inspection charges (if any) should be quoted separately in the Price Bid only, which shall be considered for bid evaluation.

14.0 TRAINING TO OIL PERSONNEL ON NPU SYSTEM:

The supplier shall have to provide training to OIL personnel in two phases -

14.1 During the pre-dispatch inspection visit of OIL's engineers, the supplier shall arrange comprehensive training at their manufacturing plant/works for a period of minimum 2(two) weeks on Operation & Maintenance, Troubleshooting and Working Principle of followings systems/items used in the unit amongst other relevant subjects -

- i) Engine and its Electronic Controller System.
- ii) Transmission, Transfer Case and their control systems.
- iii) Brake & ABS - including their electronic control system.
- iv) Power assisted steering system including hydraulic pump and gearbox.
- v) Pneumatic system for brake, transmission, PTO shifters including different valves.
- vi) Hydraulic system
- vii) Control Panel
- viii) NPU operation & trouble shooting
- ix) Repairing and Maintenance of Cryogenic Pumps and Vessels.

14.2 During installation and commissioning of the unit, the commissioning engineer shall have to provide field training as well as class room training for a period of 1(one) week to OIL Engineers and technicians on Maintenance, troubleshooting, Working Principle and repair/ replacement of different equipment.

Note: Bidders should quote their training charges separately for evaluation purposes. The charges should be shown in Price Bid only.

15.0 COMMISSIONING:

15.1 The unit shall be commissioned at Duliajan, Assam, India with 3 (three) successful field jobs after arrival within a period of 2(two) weeks time.

15.2 The bidder must quote for commissioning charges which should include the to and fro charges, food & lodging and daily charges of the personnel. OIL will provide accommodation (on payment basis) subject to availability. OIL will provide local transportation to the commissioning personnel.

15.3 The commissioning engineer should be available at site within 15 days of the intimation given by OIL for commissioning the unit.

15.4 Bidders should quote commissioning charges separately for evaluation purposes. The charges should be shown in Price Bid only.

15.5 The bidders are to confirm categorically the commissioning clause/clauses in their bid as mentioned in Clause No. 15.0 of Technical Specification.

16.0 GUARANTEE / WARRANTY:

16.1 Goods, materials or plant (s) to be supplied shall be new, of recent make, of the best quality & workmanship and shall be guaranteed by the supplier for a period of 12 months from the date of successful commissioning against defects arising from faulty materials, workmanship or design. Defective goods/ materials or parts notified by OIL to the Supplier shall be replaced immediately by the supplier on F.O.R destination basis including payment of all taxes and duties at Supplier's expense. This guarantee shall survive and hold good not –withstanding the inspection, payment for and acceptance of the goods.

16.2 OIL reserves the right to inspect, test and if necessary reject any part/parts after delivery at site (including incomplete manuals, catalogues, etc.) in case of any fault on the part of the supplier. It shall in no way be waived by the reason that the unit/item was previously inspected and passed by OIL as per Inspection Clause detailed elsewhere in the NIT.

16.3 To keep the unit fully operational, in case of failure of any item during the warranty period, it shall be the supplier's responsibility to arrange replacement/repairing at site at their cost including customs, freight, etc. within a period of maximum 3(three) weeks from the date of notification of such failure and warranty for such items shall be extended accordingly.

17.0 DEVIATIONS FROM THE SPECIFICATIONS:

The bidder shall enclose comprehensive list of intended deviations from the technical specifications, of any clearly highlighting the reasons thereof, along with the bid. If no deviations from the Technical specifications are intended, the same shall be confirmed in the offer. However OIL reserves the right for acceptance or rejection of the deviation.

18.0 BID SUBMISSION & DOCUMENTATIONS:

A. Bidder's response to all NIT stipulations should clearly be defined maintaining the same sequence as in the NIT. **Bidder shall furnish specific details/specifications of all major components, systems with Make & Model etc.** Submission of technical leaflet/catalogue alone is not sufficient. General Response like- **'As per NIT Specifications / Technical Leaflet', 'Noted' etc. or in**

any similar fashion is not encouraged . Quoting only the NIT stipulation without any confirmation of acceptance of the same and/or without any confirmation of offering the same is also not acceptable.

18.1 Following documents shall be submitted along with bid for evaluation –

- a) Technical leaflets with detailed specifications; Make & Model of chassis, engine, transmission, power take off, transfer case (if any), axle, suspension, steering, brake, pumps, hydraulic motors etc.
- b) Detailed dimensional layout drawing(s) illustrating Driver's Cabin & position of all major components & their mounting on the vehicle.
- c) List of items that shall be supplied under the Engine Fault Diagnostic & Repair Tool.
- d) List of items that shall be supplied under brake ABS Diagnostic & Repair Tool
- e) List of tools that shall be supplied under Standard Tool Kit for general maintenance of the truck.
- f) Specific description, Part Nos., Make, etc. of each and every spares to be supplied along with the unit (for bid evaluation) as detailed in the Operational Spares list provided in the NIT.
- g) List of additional spares, if any, as felt necessary but not covered in the Operational Spare list with Description, Part Nos., Make, etc. including Unit Rate (for future reference / procurement only; not for bid evaluation).
- h) Checklist as per enclosed format shall be furnished along with the bid.
- i) The weight of individual major equipment to be mounted on the truck chassis.
- j) **Oil India Purchase Order No. shall be engraved on the body of the item. Bidder must confirm the same categorically in their quotation.**


18.2 Following documents are to be submitted along with each supply/unit –

- a) Invoice, Sale Letter, Pollution & Roadworthy Certificate (in similar format of Form 21, 22 & 22A of Indian Motor Vehicle Act - sample copies enclosed), Engine Emission Norms Certificate, etc. as required under Indian Motor Vehicle Act for registration of the unit in the name of **OIL INDIA LIMITED. Additionally, Type Approval Certificate from chassis manufacturer duly certified by inspecting authority of the country of origin and Body Fabrication Approval certificate from body builder to be provided. In this regard, the bidder is requested to note the conditions given in Chapter-87 of ITC (HS), 2012, Schedule-1-Import Policy, Section: XVII of INDIA.**
- b) Final Chassis Built Up/Vehicle Content Record documents from chassis manufacturer.
- c) Specification Sheet of unit indication all details viz Make & Model of chassis, engine, transmission, etc, GVWR, Axle Capacity, Axle Loading, Wheelbase, etc., number of Axles, wheels & tyres, etc., overall dimensions, turning radius, etc.
- d) Certificate of Origin for the chassis in original from chassis manufacturer. Amongst others, the certificate shall contain following information –
 - i. Make & Model of Chassis.
 - ii. Vehicle Identification Number (VIN i.e. Chassis No.).
 - iii. Month & Year of Manufacture of the chassis.
 - iv. Make & Model of Engine.
 - v. Serial No. of Engine.
 - vi. Month & Year of Manufacture of the engine.
- e) **Notwithstanding any clause mentioned elsewhere in the NIT, the invoice for the complete unit shall be submitted in 2 (two) parts separately as under -**

- i. **Invoice for Truck Chassis** - it shall include the cost of the truck chassis with driver's cabin only.
- ii. **Invoice for Nitrogen Pumping Unit** - it shall include cost of all equipment of Pumping unit, tools, accessories, etc. subsequently fitted in the original truck chassis as well as supplied separately along of the unit.

BB :: GENERAL NOTES TO BIDDERS:

Sl No	Clause description
1.0	<p>Tender Fee – Not Applicable. However, bidders must comply the following:</p> <p>a) Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site https://etender.srm.oilindia.in/irj/portal</p> <p>b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.</p>
2.0	<p><u>Bid Security/EMD Exemption for MSE Vendors:</u></p> <p>a) MSE vendors 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 their product category & capacity, subject to submission of valid MSME registration certificate issued by appropriate authority.</p> <p>d) Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority. It is in the interest of 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. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.</p>
3.0	<p>Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.</p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) “MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: 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>
4.0	<p>The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-</p>

	procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.
5.0	Bid must be submitted online through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.
6.0	<p>Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribing tender no. and due date to The GM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.</p> <p>a) Original Bid Security along with two duplicate copies of Bid Security. b) Any other documents which have been particularly asked for in this tender for submission.</p>
7.0	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.
8.0	<p>The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 150px;">Notes and Attachments</div> <div style="font-size: 24px;">→</div> <div style="font-weight: bold;">Only Price Details Should Be Uploaded</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 150px;">Technical attachments</div> <div style="font-size: 24px;">→</div> <div style="font-weight: bold;">All technical bid documents except price details</div> </div> <p style="margin-top: 20px;">Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “ New Vendor Manual (effective 12.04.2017) ” available in the login Page of the OIL’s E-tender Portal.</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;">  </div>

9.0	In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that “TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFX Response-> User - > Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFX Response-> User - > Technical Bid only. The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.
10.0	PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALY ACCEPTABLE.
11.0	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 rejection of its offer without seeking any clarifications.
12.0	Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.
13.0	To ascertain the substantial responsiveness of the bid, OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by OIL, failing which the offer will be summarily rejected.
14.0	Other terms and conditions of the tender shall be as per “General Terms & Conditions” for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.
15.0	All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be liable for rejection.
16.0	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. 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."
17.0	<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> <p>Note: For availing benefits of Purchase preference under Public Procurement Policy, the interested MSE Bidders must ensure that they are the manufacturer of tendered item(s) and registered with the appropriate authority for the said item(s). The technical offer of such MSE Bidders must include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender.</p> <p>Purchase Preference of 15% (fifteen percent) shall be extended to the eligible MSE Bidder (i.e Manufacturer of tendered goods for procurement) over non-MSE L1 Bidder and PO shall be awarded for full tender quantity on such MSE bidder, subject to matching their quoted rates/costs with non-MSE L1 Bidder.</p>
18.0	The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for a period of twelve (12) months from the date of successful commissioning of the items at destination. 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.
19.0	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.
20.0	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
21.0	The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure- 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>OIL's Independent External Monitors at present are as under:</p> <p>SHRI RAJIV MATHUR, IPS (Retd.), Former Director (IB) Govt. of India e-Mail ID : rajivmathur23@gmail.com</p> <p>SHRI SATYANANDA MISHRA, IAS(Retd.) Former Chief Information Commissioner & Ex-Secretary, DOPT, Govt. of India E-mail Id : satyanandamishra@hotmail.com</p> <p>SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : jagmohan.garg@gmail.com</p>
22.0	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.
23.0	<p>Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms & Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value which should remain valid for the period execution, including extension, if any and the entire warranty period in line with tender requirement. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above. Bidders to note the same and to confirm its acceptance in their offers.</p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602.</p> <p>b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.</p>
24.0	Bidder to sign and submit completely filled up Technical & Commercial check list.
25.0	<p>Payment terms: Payment shall be released as follows:</p> <p>(i) 80% of supply made by the supplier shall be paid against proof of shipment/dispatch of the goods.</p> <p>(ii) Remaining 20 % of supply value along with commissioning charges shall be paid after successful commissioning and acceptance of units by OIL.</p> <p>(iii) Payment towards training will be released after successful completion of training.</p>
26.0	Liquidated Damage: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).

	In case of deduction of LD, LD amount will be deducted along with applicable rate of GST.
27.0	<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 & concessional IGST during import will be applicable.</p> <p>In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export benefit, where import content is declared by the bidder for availing Advance Licence for intermediate Supply. However, Indian bidders will not be issued Recommendatory Letter. Details of Deemed Export benefit are furnished vide Addendum to “General Terms & Conditions” Booklet No. MM/GLOBAL/E-01/2005. The bidders are requested to check the latest position on the subject on their own and OIL shall not accept any liability, whatsoever, on this account.</p> <p>Indigenous Supplier shall furnish the invoice to OIL before the despatch for obtaining Essentiality Certificate from DGH towards concessional rate of GST against invoice valuing 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>
28.0	<p>Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. A new Clause on applicability of Purchase Preference (linked with local content) policy in the tender is furnished as Annexure-VIII of the tender document. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable.</p>
29.0	<p><u>Pre-Bid Conference:</u></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 <u>11.01.2019</u> 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 DGM (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 & other related details.</p> <p>(ii) Maximum two (2) representatives from each prospective Bidder, who purchased the tender document, 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>

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, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.
2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.
3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum 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

	<p>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>When Input tax credit is NOT available for Set Off</p> <p>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>
31.0	<p>Along with the technical bid, bidders must submit duly filled undertaking as per format provided vide Annexure-X as undertaking towards submission of authentic information/documents.</p>

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

The 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 Bidder's Qualification Criteria:

1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of Nitrogen Pumping Unit (NPU).

OR

1.2 The bidder shall be an Authorized Dealer / Authorized Agent of OEM of Nitrogen Pumping Unit (NPU).

1.3 In case the bidder is an Authorized Dealer / Authorized Agent of OEM of Nitrogen Pumping Unit (NPU), the bidder shall submit proof of valid authorization / dealership certificate issued by the OEM (the principal) with backup warranty / guarantee along with the technical bid.

1.4 Offers made by Agents/consultant/ representatives/ retainer/ associate on behalf of the bidder will not be acceptable.

1.5 The bidder shall categorically confirm that there will be no change of the proposed OEM after submission of the bid.

2.0 Bidder's Experience Criteria:

2.1 In case the Bidder is an Original Equipment Manufacturer (OEM), the following criteria shall be met by the Bidder:

2.1.1 The bidder shall have the experience of successful completion (including commissioning of the equipment) of order of minimum **Two (2) Numbers** in last five (05) years preceding from the original bid closing date of this tender against supply, installation & commissioning of Nitrogen Pumping Unit (NPU), to any E&P company or service provider to an E&P company.

2.2 In case the Bidder is an Authorized Dealer / Authorized Agent of the Original Equipment Manufacturer (OEM) of Nitrogen Pumping Unit (NPU), the following criteria shall be met by the **Bidder and the principal:**

2.2.1 The principal (OEM) shall have the experience of successful completion (including commissioning of the equipment) of order of minimum **Two (2) Numbers** in last five (05) years preceding from the original bid closing date of this tender against supply, installation & commissioning of Nitrogen Pumping Unit (NPU), to

any E&P company or service provider to an E&P company, either by himself or through his Authorized Dealer/ Authorized Agent.

2.2.2 Additionally, the Bidder as an Authorized Dealer / Authorized Agent shall have the experience of successful completion (including commissioning of the equipment) of order of minimum **Two (2) Numbers** in last five (05) years preceding from the original bid closing date of this tender against supply, installation & commissioning of Nitrogen Pumping Unit (NPU), to any E&P company or service provider to an E&P company, from the proposed OEM (principal).

2.3 The bidder shall submit the following documents in support of previous supply experience of himself and the principal, as applicable in 2.1.1, 2.2.1 & 2.2.2

(a) Copy (ies) of Purchase Order(s)/Contract document(s), **and**

(b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -

- Signed and sealed Completion report/performance certificate from the clients(in original on user's letter head)
- Bill of lading
- Consignee delivery receipt / challan
- Central Excise Gate Pass / Tax Invoice issued under relevant rules of Central Excise / Vat / GST
- Commercial Invoice / Payment Invoice
- Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s) /contract(s) cited above

Note:

1) 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.

2) Order copy to be enclosed with relevant page number bearing signature of purchaser or authenticated by purchaser. Satisfactory supply / completion report should be issued on company's letterhead with signature and stamp.

3.0 Bidder should categorically confirm in the technical bid a delivery schedule within Twelve (12) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within Twelve (12) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.

B. FINANCIAL:

1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **US\$ 11,30,862.00 or INR 818.00 Lacs** during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.

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

- 3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year 2017-18 has actually not been audited so far'.

Note:

- a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-
- i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-D.
 - OR
 - ii) Audited Balance Sheet along with Profit & Loss account. In case of Foreign bidders, self-attested/digitally signed printed published accounts are also acceptable
- b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

- 4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

C. COMMERCIAL:

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

- 1.0 Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The "Unpriced Bid" shall contain all techno-commercial details except the prices, which shall be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions. Bidder not complying with above submission procedure will be rejected.
- 2.0 The prices offered shall have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

- 3.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies, if any). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.
- 4.0 Bids containing incorrect statement shall be rejected.
- 5.0 Validity of the bid shall be **minimum 120 days** from the date of actual Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 6.0 **Bid security of INR 26,35,000.00 OR US\$ 37,230.00;** 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).

MSME Bidders are exempted from payment of Bid Security (EMD) irrespective of their product category & capacity, subject to submission of valid MSME registration certificate issued by appropriate authority.

Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority. It is in the interest of 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. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.

- 6.2 Bank Guarantee towards Bid Security shall remain valid up to **13.09.2019**.
- 7.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of 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 :

(A)	Unit Cost of Nitrogen Pumping Unit:
(B)	Total material cost (Unit Cost X 3) (other than Sl. No. C, D & E below):
(C)	Total Cost of Operational Critical Spares (Unit Cost X 3): (Refer Para 9.2 of Annexure-A)
(D)	Total Cost of Commissioning Spares, if any (Unit Cost X 3): (Refer Para 9.1 of Annexure-A)
(E)	Total Third party Inspection charges (Unit Cost X 3):
(F)	Total Material Cost (B+C+D+E):
(G)	Total Pre-shipment Inspection charges, if any (Unit Cost X 3):
(H)	Total Packing and FOB Charges (Unit Cost X 3):
(I)	Total FOB Port of Shipment value, (F+G+H):
(J)	Total Ocean Freight Charges upto Kolkata, India (Unit Cost X 3):
(K)	Banking & Insurance Charges @ 1.5% on Total FOB Value vide (I) above:
(L)	Total CIF Kolkata value, (I+J+K):
(M)	IGST @ 5% on (L):
(N)	Compensatory Cess on (M), If any:
(O)	Total CIF + IGST Landed Value (L+M+N):
(P)	Total Installation & Commissioning Charges (Unit Cost X 3):
(Q)	GST & Applicable Compensatory Cess If any; on Installation & Commissioning Charges vide (P) above:
(R)	Total Training charges :
(S)	GST & Applicable Compensatory Cess If any; on Training charges vide (R) above:
(T)	Grand Total value(O+P+Q+R+S) :
(U)	Grand Total value in words:
(V)	Gross Weight :
(W)	Gross Volume :

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

(A)	Unit Cost of Nitrogen Pumping Unit:
(B)	Total material cost (Unit Cost X 3) (other than Sl. No. C, D & E below):
(C)	Total Cost of Operational Critical Spares (Unit Cost X 3): (Refer Para 9.2 of Annexure-A)
(D)	Total Cost of Commissioning Spares, if any (Unit Cost X 3): (Refer Para 9.1 of Annexure-A)
(E)	Total Third party Inspection charges (Unit Cost X 3):

(F)	Total Material Cost (B+C+D+E):
(G)	Total Pre-shipment Inspection charges, if any (Unit Cost X 3):
(H)	Total Packing and Forwarding Charges (Unit Cost X 3):
(I)	Total Ex-works value, (F+G+H) above:
(J)	GST on (I) above:
(K)	Compensatory Cess, If any on (J) :
(L)	Total FOR Despatching Station value (I+J+K):
(M)	Total Inland Freight Charges upto Duliajan, Assam including GST (Unit Cost X 3):
(N)	GST included Transit Insurance Charges @ 0.5 % of (L):
(O)	Total FOR Duliajan value, (L+M+N) above :
(P)	Total Installation & Commissioning Charges (Unit Cost X 3):
(Q)	GST & Applicable Compensatory Cess If any; on Installation & Commissioning Charges vide (P) above:
(R)	Total Training charges :
(S)	GST & Applicable Compensatory Cess If any; on Training charges vide (R) above:
(T)	Grand Total Value (O+P+Q+R+S):
(U)	Grand Total value in words:
(V)	Gross Weight :
(W)	Gross Volume :
(X)	Import Content, if any:

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

ii) 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 where CIF value is INR 5.00 Lakh and above. However, IGST @5% shall be applicable during import. IGST /Concessional GST @5% shall be applicable for Indigenous bidders also against invoice valuing INR 1.00 Lakh and above. 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) Training charges , if any must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. Training charges at OIL's premises should include amongst others to and fro fares, boarding/lodging, local transport at Duliajan and other expenses of supplier's training personnel during their stay at Duliajan, Assam(India). In case of training at Bidder's premises, to and fro fares, boarding/lodging and other en-route expenses of OIL's personnel shall be borne by OIL.

v) 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).

vi) 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), (T) 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), (T) 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), (T) of BRC Commercial excluding (M+N) 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), (T) 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.

CHECK LIST

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

COMMERCIAL:

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer . 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?	
3.0	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format Sent separately? If YES, provide details	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
3.1	For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), whether (MSE Vendors) furnished a copy of complete certificate.	Yes / No
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 120 days from the bid closing date of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of NIT Payment Terms	Yes / No
5.0	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
5.1	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
6.0	Whether Price submitted as per Price Schedule of the tender?	Yes / No
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No
8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To	Yes / No

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

Signature _____

Name _____

Designation _____

TECHNICAL CHECKLIST

Part A TECHNICAL				
A1.1 TRUCK				
Sl. No.	PARAMETERS / REQUIREMENTS		BIDDER'S OFFER (To indicate details or yes/no, as applicable)	REMARKS, IF ANY
1	Make & Model of Chassis			
2	Max. Permissible Gross Vehicle Weight (GVWR)			
3	Drive	Semi Forward Control (SFC)		
		6X4 Drive		
4	Wheelbase			
5	Overall Dimensions (Width, Height & Length) of complete unit			
6	Ground Clearance			
7	Laden Weight (Total weight of the unit)			
8	Engine	a Make & Model		
		b Max. Output Power		
		c Max. Output Torque		
		d Naturally Aspirated or Turbo Charged		
		e Emission Norms		
		f Control System (Electronic?)		
		g Type of Fuel(Diesel/ Petrol)		
9	Transmission (Main)	a Make & Model		
		b No. of gears		
		c High/Low provision		
10	Make, Model & Type of Transmission Shifter			
11	Make & Model of Transfer Case, if any			
12	Total number of PTOs in operation			
13	Make & Model of PTOs			
14	Make, Model & Type of Steering System			
15	Minimum Turning Radius			
16	Make, Model & Type of Front Suspension			
17	Make, Model & Type of Rear Suspension			
18	Axle Capacity	a Front		
		b Rear		
19	Axle Loading (actual loading)	a Front		
		b Rear		
20	Axle Loading within 85% of capacity.			
21	Type, Size of Wheel & Tyre	a Front		
		b Rear		
22	Service Brake ABS control, Multiple Circuit Pneumatic S-Cam brake acting on all wheels (Yes or No)			
23	Type of Wheel Brake Servos(screw type manual release or not)	a Front		
		b Rear		
24	Fuel Tank capacity			
25	Number of fuel tank			
26	Seating Capacity inside Driver's cabin.			

27	Reversing Alarm with Blinker Lights		
28	Electrical fittings/equipment suitable for hazardous oilfield area.		
29	Speedometer/Odometer in Metric (KM) calibration.		
30	Provision of Air Dryer in truck's pneumatic system.		
31	Towing Hooks at Front & Rear of truck.		
32	Make of Starter, Alternator, etc. of engine.		
33	Speed Limit Device		
34	Global Positioning System (GPS)		
A 1.2 PUMPING SYSTEM			
1	Cryogenic Triplex Plunger Pump as per Clause No 2.2.1	Make and model	
		Capacity	
		Maximum Working Pressure	
		Bore size	
		Stroke	
		Lubrication	
2	Cryogenic Boost Pump as per Clause No 2.2.2	Make and model	
		Type	
		Pump size	
		Maximum Delivery rate	
3	Vaporizer / Heat Exchanger as per option 1 or 2 of as per Clause No 2.2.3	Option	
		Maximum flow rate	
		Capacity	
		Out let temperature of N2	
4	Liquid Nitrogen Tank as per Clause No 2.2.4	Capacity	
		Working Pressure	
		Inner vessel	
		Outer vessel	
		Design code	
		Evaporation rate	
		Pressure build coils	
		Valve manifold	
		Liquid level gauge	
		Vapor pressure gauge	
		Vacuum probe with thermocouple	
Valve manifold as per point X of Clause No. 2.2.4			
5	Discharge Manifold, size, rating as per Clause No 2.3		
6	Control Cabin as per Clause No 3.1		
7	Control Panel as per Clause No 3.2	Type of Instrument installed	
		Type of control system	
		All Gauges type (dual scale)	
		All gauges version (Metric & English)	
8	Flow metering system as per Clause No. 3.3	Fluid pumping rate	
		Total flow	

		Density		
9	Hydraulic System as per Clause No 4.0 (Provide Make, Model and use) (*Add rows if required)	Hydraulic Pump 1		
		Hydraulic Pump 2		
		Hydraulic Pump 3		
		Hydraulic Motor 1		
		Hydraulic Motor 2		
		Hydraulic Motor 3		
10	Illumination as per Clause No 5.0			
11	Piping as per Clause No 6.0			
12	Treating Iron / Discharge Manifold as per Clause No 7.0			
13	Tools as per Clause No 8.0			
14	Spares as per Clause No 9.0	Commissioning spares		
		Operational critical spares		
		Recommended spares		
15	Unitization and completion as per Clause No. 10.0			
16	Quality standards as per Clause No. 11.0			

Part B DOCUMENTATION			
Sl. No.	DESCRIPTIONS	DOCUMENT ENCLOSED (Yes or No)	REMARKS, IF ANY
1	Technical leaflets with detailed specifications, Make & Model of chassis, engine, transmission, transfer case (if any), PTOs, suspension, axle, steering, wheel & rim, brake, etc.		
2	Detailed dimensional layout drawing illustrating Driver's Cabin and all major items / components.		
3	List of items that shall be supplied under Engine Fault Diagnostic & Repair Tool.		
4	List of items that shall be supplied under ABS Fault Diagnostic & Repair Tool.		
5	Technical literature with detailed specifications for cryogenic triplex plunger pump, driving mechanism, pumping capacity etc.		
6	Technical literature with detailed specifications for cryogenic boost pump, driving mechanism, pumping capacity etc.		
7	Technical literature with detailed specifications, layout drawing, heating mechanism etc. for vaporizer/heat exchanger.		
8	Technical literature with detailed specifications, layout drawing, design code etc. for liquid nitrogen tank.		
9	List of tools that shall be supplied under Standard Tool Kit for general maintenance of the truck.		
10	Specific description, Part Nos., Make, etc. and Unit Price (in price bid only) of each and every spares as detailed in the Operational Spare Parts List.		
11	List of any additional spares with details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in this list of Operational Critical Spares		

	for future reference/ procurement- NOT FOR BID EVALUATION.		
12	Relevant test and quality control certificates of the manufacturing and testing of all unit		
13	Specific description, Part Nos., Make, etc. and Unit Price (in price bid only) of each and every spares for pumps, control panel etc.		
14	Licensed software in original along with user software backups		
15	Technical Literature/Leaflet of all hydraulic pumps and motors used in the unit.		

Signature _____
Name _____
Designation _____

- This is a sample copy **similar to FORM 21 of Indian Motor Vehicle Act** only. The certificate to be issued by supplier shall contain following minimum information. –

SALE CERTIFICATE

Certified that (brand name of the vehicle) has been delivered by us to on (date).

Name of the buyer

Address

The details of the vehicles are as under -:

1. Class of vehicle
2. Maker's name & address
3. Chassis No.
4. Engine No.
5. Horse power or cubic capacity
6. Fuel used
7. Number of cylinders
8. Month and year of manufacturing
9. Seating capacity (including driver)
10. Unladen weight
11. Maximum axle weight, number and description of tyres –
 - (a) Front axle
 - (b) Rear axle/axles
 - (c) Any other axle
12. Colour (s) of the body
13. Gross vehicle weight
14. Type of body

Date:

Signature of the manufacturer / dealer

- This is a sample copy *similar to FORM 22(A) of Indian Motor Vehicle Act* only. The certificate to be issued by supplier shall contain following minimum information. -

**CERTIFICATE OF COMPLIANCE WITH POLLUTION STANDARDS /
SAFETY STANDARDS OF COMPONENTS AND ROAD WORTHINESS**

Certified that (brand name of the vehicle) bearing Chassis number and Engine number complies with the (name of Emission Standard – Euro IV, etc.) Emission standard as well as other Safety & Road Worthiness Standards as per provisions of the (name of Motor Vehicles Act of country of origin).

It is also certified that body of the above vehicle has been fabricated by us and the same complies with the provisions of the (name of Motor Vehicles Act of country of origin).

Signatures of Manufacturer / Body Builder

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

TO BE ISSUED BY PRACTISING **CHARTARD ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s.....(Name of the bidder) for the last three (3) completed accounting years upto..... **(as the case may be)** are correct

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

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

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

***Applicable only for GLOBAL tenders**

TECHNICAL EVALUATION MATRIX (TO BE FILLED IN BY BIDDER DULY SIGNED)			
BID EVALUATION CRITERIA (TO BE FILLED BY THE BIDDER)			
Clause Number	DESCRIPTION	<u>Bidders Remarks</u> Complied / Not Complied / Deviation	Bidder to indicate Relevant Page No of their Bid to support the Remarks / compliance
	<p>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.</p>		
(I)	BID REJECTION CRITERIA (BRC)		
A.	<u>TECHNICAL:</u>		
1.0	Bidder's Qualification Criteria:		
1.1	The bidder shall be an Original Equipment Manufacturer (OEM) of Nitrogen Pumping Unit (NPU).		
	OR		
1.2	The bidder shall be an Authorized Dealer / Authorized Agent of OEM of Nitrogen Pumping Unit (NPU).		

1.3	In case the bidder is an Authorized Dealer / Authorized Agent of OEM of Nitrogen Pumping Unit (NPU), the bidder shall submit proof of valid authorization / dealership certificate issued by the OEM (the principal) with backup warranty / guarantee along with the technical bid.		
1.4	Offers made by Agents/consultant/ representatives/ retainer/ associate on behalf of the bidder will not be acceptable.		
1.5	The bidder shall categorically confirm that there will be no change of the proposed OEM after submission of the bid.		
2.0	Bidder's Experience Criteria:		
2.1	In case the Bidder is an Original Equipment Manufacturer (OEM), the following criteria shall be met by the Bidder:		
2.1.1	The bidder shall have the experience of successful completion (including commissioning of the equipment) of order of minimum Two (2) Numbers in last five (05) years preceding from the original bid closing date of this tender against supply, installation & commissioning of Nitrogen Pumping Unit (NPU), to any E&P company or service provider to an E&P company.		
2.2	In case the Bidder is an Authorized Dealer / Authorized Agent of the Original Equipment Manufacturer (OEM) of Nitrogen Pumping Unit (NPU), the following criteria shall be met by the Bidder and the principal:		
2.2.1	The principal (OEM) shall have the experience of successful completion (including commissioning of the equipment) of order of minimum Two (2) Numbers in last five (05) years preceding from the original bid closing date of this tender against supply, installation & commissioning of Nitrogen Pumping Unit (NPU), to any E&P company or service provider to an E&P company, either by himself or through his Authorized Dealer/ Authorized Agent.		
2.2.2	Additionally, the Bidder as an Authorized Dealer / Authorized Agent shall have the experience of successful completion (including commissioning of the equipment) of order of minimum Two (2) Numbers in last five (05) years preceding from the original bid closing date of this tender against supply, installation & commissioning of Nitrogen Pumping Unit (NPU), to any E&P company or service provider to an E&P company, from the proposed OEM (principal).		
2.3	(The bidder shall submit the following documents in support of previous supply experience of himself and the principal, as applicable in 2.1.1, 2.2.1 & 2.2.2		

	<p>(a) Copy (ies) of Purchase Order(s)/Contract document(s), and</p> <p>(b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -</p> <ul style="list-style-type: none"> - Signed and sealed Completion report/performance certificate from the clients(in original on user's letter head) - Bill of lading - Consignee delivery receipt / challan - Central Excise Gate Pass / Tax Invoice issued under relevant rules of Central Excise / Vat / GST - Commercial Invoice / Payment Invoice - Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s) /contract(s) cited above 		
	<p>Note:</p> <p>1) 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.</p> <p>2) Order copy to be enclosed with relevant page number bearing signature of purchaser or authenticated by purchaser. Satisfactory supply / completion report should be issued on company's letterhead with signature and stamp.</p>		
3.0	<p>Bidder should categorically confirm in the technical bid a delivery schedule within Twelve (12) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within Twelve (12) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.</p>		
