



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

Telephone No. (91-374) 2808720

Fax No: (91-374) 2800533

Email: materials@oilindia.in; erp\_mm@oilindia.in

Tender No. & Date	:	<b>SDG 6750 P18/08 dated: 23.12.2017</b>
Tender Fee	:	<b>INR 60,000.00 OR USD 1000.00</b>
Bid Security Amount	:	<b>INR 20,71,655.00 OR USD 31,970.00</b>
Bidding Type	:	<b>SINGLE STAGE TWO BID SYSTEM</b>
Bid Closing on	:	<b>21.02.2018 (at 11.00 Hrs. IST)</b>
Bid Opening on	:	<b>21.02.2018 (at 14.00 Hrs. IST)</b>
Bid Validity	:	<b>Bid Should be valid for 120 days from bid closing date.</b>
Bid Bond Validity	:	<b>Bid Bond Should be valid up to 21.09.2018</b>
Pre Bid Conference Date:		<b>22 nd &amp; 23 rd January, 2018 at Duliajan</b> (Exact venue & time shall be communicated to the prospective Bidders nearer the time).
Performance Guarantee	:	<b>Applicable @ 10% of Order value</b>
Integrity Pact	:	<b>Applicable</b>

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No.	MATERIAL DESCRIPTION	QTY.	UOM
10	Light Scrapping Winch. Detail specification is at Annexure – I	30	Nos.
50	Installation & commissioning	1	AU

List of Annexures Applicable	:	<b>Annexure - I: Specifications, General &amp; Special notes to bidders</b> <b>Annexure- II: Bid evaluation &amp; Rejection Criteria</b> <b>Annexure- III: Check List ( Commercial)</b> <b>Annexure-IV: Certificate of Annual Turnover &amp; Net Worth</b> <b>Annexure- V: Technical Evaluation Matrix (Technical Specs.)</b> <b>Annexure - VI: Technical Evaluation Matrix (BEC)</b>
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**AA:: SPECIFICATION& QUANTITY OF THE ITEMS TO BE PROCURED**

**Trailer mounted, Self-contained, Steel skid base structure, Gasoline (Petrol) Engine driven, Single Drum, Hydraulic Light/medium duty slickline winch for well scrapping, complete with accessories. (30 NOS.)**

**A.) Winch Specifications:**

- a) **Overall Dimension:** The overall dimension of the Trailer mounted winch shall be approx. 1500 mm (l) x 1000 mm (w) x 800 mm (h).
- b) **Prime mover (Engine):**
  - i) Air cooled double Cylinder 4-Stroke Overhead Valve Gasoline (Petrol) Engine capable of developing power of minimum 23 HP at rated RPM of emission norm EURO-IV or Equivalent.
  - ii) The engine shall have manual override facilities for starting of engine.
  - iii) The make & model of the engine shall be Briggs and Stratton (model VANGUARD).
  - iv) The exhaust of the engine shall be installed considering the position of the operator so that exhaust smoke is directed away from the operator & does not get entrapped in the canopy, so as to avoid discomfort to the personnel around. The engine exhaust shall be equipped with spark arrester.

*Note: Engine with only electric (battery driven) starting provision is not acceptable.*

**c) System Requirement:****I. Transmission:**

- i. The power transmission system shall be hydraulic with suitable chain and sprocket transmission for driving the winch drum. Winch drum with direct motor driven is also acceptable.
- ii. The hydraulic system shall be either open loop or closed loop with fixed staggered/variable displacement positive displacement pump and motor.
- iii. A main pressure relief valve shall be installed to ensure that the maximum hydraulic working pressure is within the design limits of the hydraulic components and would also ensure that the engine shall not be overloaded beyond design HP.
- iv. A crossover relief valve shall be installed with the hydraulic motor to normalize the pressure spikes in either sides of the motor.
- v. For controlling/regulating speed and pull of the motor, an operator adjustable pilot relief valve with a mechanical type fluid filled pressure gauge shall be installed on the operator panel.
- vi. For directional control of the winch drum a three position directional control valve shall be installed on or near the operator panel. The configuration of the directional control shall be specific to circuit design & requirements.
- vii. The hydraulic system shall be designed to protect from unexpected events such as engine stalling etc.
- viii. The Bidder shall provide a hydraulic circuit of the unit using standard legends for all components i.e. pumps, motors, filters, DC & relief valve and heat exchangers etc.

**II. System Components:**

- 1. **Heat exchanger:** An heat exchange shall be used to achieve cooling of hydraulic oil in an average range of temperature 55°-60° centigrade throughout the operation. If the heat exchanger is air/liquid cooling type, the heat exchanger fan shall be hydraulic motor driven only.
- 2. **Hydraulic Oil Reservoir:**

- i. The reservoir shall be constructed as per best industrial standards with extensions of the end plates supporting the tank on the floor.
  - ii. The inside of the tank shall be painted/coated with a sealer to prevent corrosion from condensed moisture. The sealer shall be chosen for compatibility with the fluid being used.
  - iii. The reservoir shall be designed for easy maintenance of fluid. The bottom of the tank shall be suitably designed and has a drain plug at the lowest point of the tank for complete draining of the oil from the tank. An easily accessible removable cover shall be provided for cleaning. The cover shall be sufficiently sealed to prevent air and spillage of oil.
  - iv. A filler cap shall be provided with fine meshed screen to keep out contamination when the fluid is replenished.
  - v. A vented breather cap of suitable size shall be used on the top of the reservoir. It shall also contain air filtering screen.
  - vi. The tank shall contain necessary baffle plate to prevent local turbulence in the tank and remove entrapped air from the fluid.
  - vii. Pump inlet and return lines must be well below the fluid level to prevent aeration and foam. Each hydraulic hose connections including drain plug shall be equipped with one isolating valve.
  - viii. Suitable level glass with temperature indicator shall be installed in an easily readable position on the side of the tank.
  - ix. Suitable dip strainer shall be provided in pump inlet line.
  - x. In line Filters: The Hydraulic system shall include filters for pressure line / return line of required pressure rating and micron to maintain the system efficient and clean.
  - xi. Hose and hose connection: All hose connection shall be 37 degree flare fitting with swivel nut for the reason of flexibility in hose replacement. The make of the hoses shall be Parker/Gates/Eaton/ Powergrip .
3. **Pump & motor:** The manufacturer of the pump and motor shall be Parker/Denison/Rexroth/Eaton/Vickers/Danfoss.
  4. **DC, Relief & crossover relief valve:** The manufacturer of DC and pressure control (relief) valves shall be Rexroth/Denison/Vickers/Yuken/Eaton/Danfoss/Parker/Barksdale.
  5. **Mechanical drive:** If mechanical chain and sprocket system is used in between hydraulic motor and winch drum to transmit power, the size of the chain and sprocket shall be suitably selected considering the maximum power requirement of the winch. Double stranded chain and sprocket drive shall be used in mechanical transmission. The chain and sprocket system shall be suitably enclosed with safety cover.

### **III. System Parameter:**

- Maximum line speed: 350 meter/min, infinitely variable
- Minimum line speed: Line speed shall be varied precisely in fraction of meter while initial run in hole & final out of hole.
- Maximum hydraulic temperature: 55°-60° centigrade
- Maximum hydraulic system pressure: less than 3000 psi.

#### **d) Winch Drum :**

- i) Length: 430 mm approx (Between Flanges).
- ii) Core Dia.: 130 mm (approx.)
- iii) Flange Dia.: 350mm (approx.)
- iv) Line Size: 2.0828 and 2.3368 mm (0.082" and 0.092") slickline.
- v) Line Capacity: 5500M (18000 ft) of 0.092" size slickline.
- vi) Line Speed: Infinitely variable from 0 to 350 meters per minute at rim.
- vii) Static Line Pull: Around 700Kgs (1550 lbs) at Core.

#### **Note for winch drum:**

- i. The drum shall be provided with a splash guard.
- ii. The winch drum shall be driven through hydraulic power transmission system either directly with hydraulic motor or via chain/sprocket system from hydraulic motor.
- iii. The drum with shaft shall be mounted on the pedestal type bearing of rated capacity.
- iv. The hole for anchoring of the slickline on the reel drum shall be provided at one end of the drum and not in the centre.
- v. Winch drum shall be rigid in construction. The Bidder needs to provide an engineering drawing and QAP for the offered design for technical evaluation. Additionally, at the time of supply, NDT & Radio graphical test certificate shall be provided.
- vi. The core of the drum shall be barrel in shape and manufactured from seamless thick tubular steel with wall thickness of more than ½". The flanges shall be cut from single sheet of thickness greater than ½".
- vii. The barrel (core) shall be pressed through the drum flanges. The circumferential length of contact between drum flange and barrel shall be welded on both sides of the flanges. All welded area shall be machined to a seamless finish.
- viii. Brake drum shall be welded outside flange in both end of the drum and circumferentially welded both outside and inside with the flange. The brake drum shall be a meant to add mechanical strength to the flanges and drum.
- ix. Steel gussets shall be inserted radially and welded to the circular brake drum, flange and barrel to make all the three components into a single solid assembly.
- x. The drum shaft shall be machined from a solid steel billet to a diameter to 2" and pressed fit inside the barrel and then welded.

e) **Handle Assembly (Manual Pulling System):**

- i) The drum shall be equipped with Mount crank & handle Assembly for winding of the slickline manually.
- ii) The position of the crank lever shall be selected considering operator's position, ergonomics and safety.
- iii) The provision for affixing the drum lever shall be made either on the drum shaft or drum flange. If the crank lever is equipped with the drum shaft, it shall be removable type on account of safety.

f) **Brake Assembly:**

- i) The drum shall be provided with manually applied dual brake bands with lining to offer positive gripping, holding and heat dissipation.
- ii) The brake band shall contain suitable lining for positive gripping and adjustment mechanism.
- iii) The brake lever shall be installed at the operator panel. The lever shall be of adjustable easy applying type.
- iv) The brake lever shall be provided with ratchet lock mechanism & lever stop arrangement.

g) **Spooler Assembly:**

- i) The Drum shall be provided with double rack Hand Spooler for manually controlling the spooling & unspooling of the slickline in orderly manner.
- ii) The double rack assembly should be provided with counter balance weight or equivalent arrangement on the opposite side of the end where depth measuring meter is mounted.
- iii) The pivoting arrangement of the double rack assembly should be sturdy to prevent breakage of the pivot bracket / hub.
- iv) The double rack assembly shall dual spring balanced contain an arm stop arrangement on upper side.
- v) The double rack assembly shall have provision for mounting depth measuring meter assembly.

**h) Depth Measuring Meter Assembly:**

- i) Standard line C/W depth measuring meter with measuring counter and pressure wheels suitable for 0.082" (2.0828 mm) and 0.092"(2.3368 mm) slick line shall be provided.
- ii) The measuring head assembly shall be mounted on the double rack assembly, considering proper operational ergonomics.
- iii) The counter should be suitably mounted on the measuring assembly so as to facilitate easy visibility by the winch operator.
- iv) The reading of measuring counter shall be in metric units readable to 5 digits, right hand drive.
- v) The make & model of counter shall be Halliburton, model EA1000-13814 or equivalent

**i) Hay Pulley Assembly:**

- i) Latch type hay pulley (Bottom Pulley) assembly for 2.0828 mm (0.082") and 2.3368 mm (0.092") dia. slick lines to be provided.
- ii) The sheave size shall be 12" dia.
- iii) The line keeper is to be provided with adapter for line wiper.
- iv) The hay pulley shall be of make & model Halliburton part No. 804-003 or equivalent.

**j) Slickline:**

- i) Winch drum shall be provided with a slickline in loaded condition
- ii) Size: 2.34mm (0.092") slickline.
- iii) Applicable Standard: API 9A standard, 22<sup>nd</sup> Edition, Section 8, Table 8.1
- iv) Material: Plow Steel conforming to following physical properties.
  - a. Breaking Strength: 6.88 KN (1547 lbs.) Min.
  - b. Elongation: 254 mm (10"), Percent: 1.5 minimum.
  - c. Elongation, tensile test & torsion test must conform to API specification 9A.
  - d. Torsional Requirement: A 203.2 mm(8") long test specimen from each reel kept under tension applying a load of 84.52 Newton(19 lbs) must withstand minimum 23 no of 360 degree twist before breakage occurs.

- k) Steel Frame:** All steel frames of winch shall be made of suitable grade steel member to provide rigidity and robustness of the unit.

**B.) Trailer Specifications:**

**a.)** The trailer is meant for mounting the winch equipment of overall dimension of approx. 1500 mm (l) x 1000 mm (w) x 800 mm (h) and weighing approx. 1000 kg having suitable skid.

**b.)** The wireline winch shall be mounted on the platform of the trailer through suitable bolts & nuts. Bolts and nuts must be placed over cross members and not directly on the platform .

**c.)** The trailer shall be provided with Towing arrangement for mobilizing/Demobilizing the unit from one location to another by pickup van viz. TATA 709, Swaraj Mazda, etc. or Agricultural Towing Tractor equipped with Jaw & Pin type towing hook.

**d.)** Suitable light weight rugged canopy shall be provided over the trailer to protect the winch from rain/dust etc. The canopy is required to cover the equipment during transportation, parking as well as to protect it from rain/dust, burglary, etc. The canopy will rest on side boards of the trailer. During operation, it will be kept half open (70 to 80 degree) with locking provision at that angle. It shall also have lock & key arrangement.

**e.)** The opening & fixing arrangement of the canopy shall be such that it does not open beyond 120 degree for which suitable sliding stands on side board on both sides shall be provided. These sliding stands shall also be used to keep the canopy open at 70 to 80 degree during operation.

f.) During winch operation, the trailer is detached from the Pickup/Tractor. Suitable foldable stand type support shall be equipped by at its corners. There shall be 4 telescopic tubular stands (telescopic action NOT through screw jack arrangement) at four corners of the trailer with height adjustment facility to place the trailer in properly level position on ground.

g.) The front and the side boards of the trailer shall be hinged type so that it can be opened & hanged downward at the time of winch operation.

**h.) The other technical specification of the trailer shall be as follows:**

- a. Single axle two-wheel trailer.
- b. Capacity: 1000 Kg
- c. Floor area of trailer: Approx 2000 mm (L) X 1450 mm (W)
- d. Side Board height: Approx. 450 mm
- e. Height of platform from ground: Approx 500 mm to 600 mm
- f. Overall width (with wheels & mudguard): Approx. 1850 mm
- g. Overall length (with draw bar): Approx. 3000 mm
- h. Overall height (with canopy): Approx. 1400 mm

**i.) Platform & Side Boards:**

- a. The chassis frame of the trailer shall be made of approx. 50 mm size suitable steel channel.
- b. The central longitudinal member shall be min. 150 mm steel U-channel which shall also serve as Draw Bar with towing hook arrangement.
- c. The Draw Bar extension from the trailer shall be min. 1000 mm in order to negotiate sharp turn.
- d. The tow eye on the Draw Bar shall have an ID of approx. 65 mm to pass through the towing pin of the Jaw & Pin type towing hook arrangement of Pickup/Tractor. The tow eye shall be with cushioning spring.

**j.) Material of Construction:**

- a. The platform of trailer shall be made of min. 6 mm. M.S. Chequered plate to mount the equipment through bolts & nuts.
- b. The height of the side boards shall be 350 mm. It shall be made of min. 12 gauge thick MS corrugated sheet over min. 25 mm square channels. Except the tail board (opposite to the Draw Bar) all the three side boards shall be fixed type. The tail board shall be hinged type with suitable locking arrangement for opening & closing. During operation it shall be kept hanged downward.
- c. The canopy shall be light weight for easy opening & closing by one or two persons. It shall be made of MS channel & 14-15 gauge aluminium sheets. It has to be rugged box type with gradual slope from draw bar end to the rear end. While height of the canopy over the side board at draw bar end shall be approx. 500 mm (to get an overall height clearance of 850 mm from trailer floor), at rear it shall be approx. 300 mm. The canopy shall be hinged (heavy duty continuous hinge) at the draw bar end along the width of the trailer. It shall also have lock and key arrangement.

k.) **Axle:** Suitable round cross-section axle to take load of min. 1500 Kg. Suitable wheel stud and bolts shall be provided to lock the wheel. Position of axle shall be approx. 250 mm away from the centre of the trailer platform towards the rear.

l.) **Suspension:** Suitable leaf spring suspension with shock absorbers shall be provided.

m.) **Wheel, Rim & Tyre:** Two Nos. complete wheels having tyre size preferably 6.00x16 (tyre and tube) shall be provided.

n.) **Parking Brake**: Suitable hand brake for both the wheels shall be equipped. The hand lever shall be positioned preferably by the side of the draw bar.

o.) **Mudguard**: Suitable mudguard of pressed steel sheet shall be provided over the wheels.

p.) **Painting**: One coat of primer and two coats of Imperial Crimson (DULUX GLOSS) paint for trailer shall be provided. Chassis paint for undercarriage shall be provided. Wheel rims shall be painted with black colour. All steel works shall be suitably painted

q.) **Accessories**: Suitable and sufficient reflectors for movement at night. Registration plate – 2 Nos, one front and one rear.

r.) **Spare Parts**:

All spares in specified quantity as indicated below shall be supplied along with the units. Specific description, Part Nos., Make, etc. of each and every item (spare) shall clearly be indicated in the Techno-commercial bid.

Sl. No.	Description	Quantity
<b><u>Transmission</u></b>		
1.	Clutch disc (Head washer)	15 Sets
2.	Thrust bearing	15 Nos.
3.	Spring plate	15 Nos.
4.	Spring, Clutch Throwout	04 Sets
5.	Chain (All the fitted chains of various sizes)	10 Sets
6.	Sprocket (All the fitted sprockets of various sizes)	06 Sets
7.	Mounting, winch	15 Nos.
8.	Brake band assembly	06 Nos.
9.	Brake ratchet	10 Nos.
10.	Brake adjusting rod	06 Nos.
11.	Brake adjusting spring	06 Nos.
12.	Brake lever assembly	02 Nos.
13.	Hydraulic Motor, Winch Drum	05 Nos
14.	Hydraulic Motor, Cooler Fan	05 Nos
15.	Cooler , Fan	10 Nos
16.	Hydraulic Pump	05 Nos
17.	DCV	05 Nos
18.	Pressure Relief Valves	05 Nos
19.	Cross port Relief Valves	05 Nos
20.	Suction Hoses	10 sets
21.	Return Hoses	10 sets
22.	Hydraulic Filter.	20 Nos
23.	Hydraulic Oil Cooler	05 Nos
<b><u>Engine</u></b>		
1	Fuel Filter	20 Nos.
2	Engine Oil Filter	20 Sets
3	Engine Mounting	04 Sets
4	Carburetor Assembly	10 Nos.
5	Spark Plug	20 Nos.
6	Carburetor repair kit	10 Sets
7	Crank Shaft	10 Nos.
8	Crank Shaft seal kit	10 Nos
9	Piston Assy. Std.	08 Nos.
10	Piston Assy. 0.010"	06 Nos.
11	Piston Assy. 0.020"	06 Nos.

12	Rod Connecting	08 Nos.
13	Gear, Cam	05 Nos.
14	Overall Gasket Set	10 Sets
15	Head Gasket	15 Sets
16	Muffler, Exhaust	08 Nos.
17	Electrical starter	10 Nos.
18	Valve, Exhaust	20 Nos.
19	Valve, Intake	20 Nos.
20	Head-Cylinder	05 Nos.
21	Filter, Air	10 Nos.
22	Filter Pre-Cleaner	10 Nos.
23	Cover Air Cleaner	05 Nos.
24	Starter, Rewind	10 Nos.
25	Piston Ring Standard	05 Sets
26	Piston Ring 0.010"	05 Sets
27	Piston Ring 0.020"	05 Sets
28	Guard Muffler	10 Nos.
29	Tank Fuel	05 Nos.
30	Gear Governor	10 Nos.
31	Carburetor float	05 Nos.
32	Rod, Push	10 Nos.
33	Arm Rocker	10 Nos.
34	Tappet Valve	10 Nos.
35	Gasket Crank Case	12 Nos.
36	Cover Crank Case	05 Nos.
37	Retainer, Air-filter	05 Nos.
38	Bracket, control	10 Nos.
39	Engine-block	05 Nos.
40	Accelerator cable	20 Nos.
41	Alternator	10 Nos
42	Starter Solenoid	10 Nos
43	Regulator	10 Nos
<b><u>Winch</u></b>		
01.	Crank Handle	04 Nos.
02.	Crank Gear (If any)	04 Nos.
03.	Crank Axle (If any)	04 Nos.
04	Winch Drum	02 Nos

**s.) The following documents are to be submitted along with each of the unit:**

**a.** 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.

**b.** 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 skid mounted winch: It shall include the cost of the prime mover (engine) and winch only.**

**ii. Invoice for trailer: It shall include cost of trailer part only.**

**c. Manuals, catalogues and drawings:**



The following Manuals & Catalogue in printed form from respective manufactures shall be supplied along with the unit. Commissioning of the unit shall not be considered as complete until & unless all the printed manuals/catalogues are supplied.

- a. 2(Two) sets of Operation and Maintenance Manual in English language of the engine.
- b. 2(Two) sets of Operation and Maintenance Manual in English language of the winch.
- c. 2 (Two) sets of Spare Parts Catalogue for engine.
- d. 2 (Two) sets of Spare Parts Catalogue for winch.
- e. Quotations must be accompanied by relevant catalogue /literature and detailed engineering drawing showing all the components of the offered engine for technical scrutiny.
- f. Detail layout drawing of the Engine with Hydraulic system, Clutch, Hand brake, Chain & sprocket Transmission, Reel drum Assembly etc. must be provided with the bid. Engine Torque & HP Curve shall be provided along with the bid.
- g. Duly filled checklist (Annexure-1B) as per enclosed format shall be furnished along with the bid.

### **C) CHECK LIST ANNEXURE-1B:**

#### **TO BE SUBMITTED ALONG WITH THE BID:**

Sl. No.	Parameters/Requirements		Bidder's offer (to give details or Yes / No, as applicable)	Remarks, if any.
<b><u>ENGINE, CLUTCH &amp; TRANSMISSION:</u></b>				
1.	Make & Model of engine			
2.	Air cooled Gasoline (Petrol) Engine		Yes/No	
3.	Power in HP			
4.	Emission norms			
5.	The engine shall have manual override facilities for starting of engine.		Yes/No	
6.	A constant mesh speed reduction gearbox assembly coupled with the engine crank shaft.		Yes/No	
7.	Mechanical type transmission for speed reduction.		Yes/No	
8.	Details of Clutch Assembly			
<b><u>TRAILER:</u></b>				
9.	Capacity			
10.	Single axle two-wheel trailer		Yes/No	
11.	Floor area of trailer	Length in mm		
		Width in mm		
12.	Side Board height (in mm)			
13.	Height of platform from ground			
14.	Overall width (with wheels & mudguard)			
15.	Overall length (with draw bar)			
16.	Overall height (with canopy)			
17.	Size of steel channel for chassis frame			

18.	Type of towing hook		
19.	The tow eye shall be with cushioning spring.	Yes/No	
20.	Size of chequered plate for platform		
21.	The tail board shall be hinged type with suitable locking arrangement for opening & closing.	Yes/No	
22.	Number of telescopic tubular stands		
23.	Suitable canopy as per tender specifications.	Yes/No	
24.	During operation, locking provision for half open canopy.	Yes/No	
25.	Suitable square cross section axle to take load of min. 1500 Kg.	Yes/No	
26.	Position of axle shall be approx. 250 mm away from the centre of the trailer platform towards the rear.	Yes/No	
27.	Make/Model of suitable leaf spring suspension with shock absorbers.		
28.	Tyre size		
29.	Suitable hand brake operating on both the wheels.	Yes/No	
30.	The hand lever shall be positioned preferably by the side of the draw bar.	Yes/No	
31.	Suitable mudguard of pressed steel sheet over the wheels.	Yes/No	
32.	Suitable & sufficient reflectors for movement at night.	Yes/No	
33.	Registration Plate- 2 Nos. (one front and one rear)	Yes/No	
34.	One coat of primer and two coats of Imperial Crimson (DULUX GLOSS) paint for trailer.	Yes/No	
35.	Chassis paint for undercarriage.	Yes/No	
36.	Black colour paint for wheel rims.	Yes/No	
37.	All steel works shall be suitably painted.	Yes/No	

#### **DOCUMENTATION:**

38.	Detailed dimensional drawing with materials descriptions along with the bid.		
39.	Necessary sale certificate (Form -21 & 22/22A) or in similar format, as applicable shall be submitted along with the supply for registration of the trailers.	Yes/No	
40.	2(Two) sets of Operation and Maintenance Manual in English language of the engine shall be supplied along with the unit.	Yes/No	
41.	2(Two) sets of Operation and Maintenance Manual in English language of the winch shall be supplied along with the unit.	Yes/No	
42.	2 (Two) sets of Spare Parts Catalogue for engine shall be supplied along with the unit.	Yes/No	
43.	2 (Two) sets of Spare Parts Catalogue for winch shall be supplied along with the unit.	Yes/No	

**D) SAMPLE COPY OF FORM 21, 22 & 22-A (as referred above)**

- A. Following is a sample copy similar to FORM 21 of Indian Motor Vehicle Act only. The certificate to be issued by supplier in their letter head, shall contain following minimum information –

**FORM 21**

[See Rules 47 (a) and (d)]

**SALE CERTIFICATE**

(To be issued by manufacturer/ dealer or officer of Defence Department (in case of military auctioned vehicles) for presentation along with the application for registration of a motor vehicle).

Certified that ..... (Brand name of the vehicle)

has been delivered by us to ..... on .....(date)

Name ..... of the buyer .....

Son ..... /wife ..... / daughter .....

Address (Permanent) .....

..... (Temporary) .....

The vehicle is held under agreement of hire-purchase/lease/hypothecation with .....

The details of the vehicle are given below:

1. ..... Class ..... of Vehicle .....

2. ..... Maker's name .....

3. ..... Chassis No. ....

4. ..... Engine No. ....

5. ..... Horse power ..... or ..... cubic capacity .....

6. Fuel used ..... of cylinders.....

8. Month ..... and ..... year ..... of manufacture .....

9.	Seating	capacity	(including
driver)	.....		
10.	Unladen		
Weight	.....		
.....			
11.	Maximum axle weight & number &		
	Description of tyres (in case of transport vehicle		
	(a)		Front
axle	.....		
.....			
	(b)		Rear
axle	.....		
.....			
	(c)	Any	other
axle	.....		
....			
	(d)		Tandem
axle	.....		
.....			
12.	Colour	or	colours
body			of
.....			
....			
13.		Gross	vehicle
weight	.....		
.....			
14.		Type	of
body	.....		
.....			

Signature of the Manufacturer /  
Dealer or Officer of defence Department

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

### FORM 22

[See Rules 47 (g), 115, 124(2), 126-A and 127(1), 127(2)]

#### INITIAL CERTIFICATE OF COMPLIANCE WITH POLLUTION

#### STANDARDS, SAFETY STANDARDS OF COMPONENTS AND ROAD-WORTHINESS

#### (TO BE ISSUED BY THE MANUFACTURER)

Certified that the following vehicle complies with the provisions of the Motor Vehicles Act, 1988 and the rules made thereunder, including the following mass emission norms:

Brand name of the vehicle :  
 Chassis number :  
 Engine number/Motor number :  
 (In case of battery operated vehicles)  
 Sub-rule No.....of rule 115 :  
 Emission norms :  
 [(Bharat Stage-I/II/III/Bharat (Trem) Stage-III etc.) .....

[Form 22, shall be issued with the signature of the manufacturer duly printed in the Form itself by affixing facsimile signature in ink under the hand and seal of the manufacturer. ]

**FORM 22-A**

[See Rules 47 (g), 124, 126-A & 127]

**INITIAL CERTIFICATE OF COMPLIANCE WITH POLLUTION  
STANDARDS, SAFETY STANDARDS OF COMPONENTS AND ROAD  
WORTHINESS  
(FOR VEHICLES WHERE BODY IS FABRICATED SEPARATELY)**

**PART – I**

**(TO BE ISSUED BY THE MANUFACTURER)**

Certified that ..... (brand name of the vehicle)  
bearing Chassis number ..... and Engine Number  
..... complied with the provisions of Motor Vehicles Act,  
1988 and Rules made thereunder.

Signature of the Chassis

Manufacturer

Form 22-A, Part I shall be issued with the signature of the manufacturer duly printed in the Form itself by affixing facsimile signature in ink under the hand and seal of the manufacturer.

**PART – II**

**(TO BE ISSUED BY THE BODY BUILDER)**

Certified that body of the vehicle .....(brand name of the  
vehicle) bearing Chassis number ..... and Engine  
Number ..... has been fabricated by us and the same complies  
with the provisions of Motor Vehicles Act, 1988 and Rules made thereunder.

Signature of the body builder

Form 22-A, Part II shall be issued with the signature of the body builder duly printed in the Form itself by affixing facsimile signature in ink under the hand and seal of the body builder.

**BB:: SPECIAL NOTES TO BIDDERS:**

1. The items shall be brand new, unused and prime quality. Bidder shall warrant (In the event of order) that the product supplied will be free from all defects & fault in material, workmanship and manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from the date of dispatch/shipment or 12 months from the date of commissioning of the items. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense. Bidders must confirm the same while quoting.
2. The bidder shall provide brochures and technical literature for the equipment along with the technical bid.
3. Bidder shall provide an additional list of critical spares along with the part nos and price details for carrying out trouble free operation and maintenance of the unit for at least 2 years along with the technical bid. Cost of these spares will not be considered for price evaluation. However procurement of these spares shall be at OIL's discretion.
4. Unitization & completion: The unit shall be fully assembled, unitized and completed as per best industrial practice. Each wireline winch shall bear unique identification number. The Manufacture shall emboss the identification number & OIL Purchase Order number on the winch in a suitable place The bidder to confirm the same in technical bid.
5. Workmanship : The bidder to confirm the followings in the technical bid.
  - a) Workmanship shall be of good quality and appearance.
  - b) Welds shall be of good quality and of sufficient strength.
  - c) Flame cut edges shall be ground smooth. Sharp corners and edges to which operators and mechanics are vulnerable shall be ground smooth.
  - d) Bolt holes shall be drilled (not torch cut)
6. Noise Level : Noise level for the complete unit in running condition shall not cross 90dB. The bidder to confirm the same in technical bid.
7. The bidder shall enclose comprehensive list of intended deviations from the technical specifications, if any, clearly highlighting the reasons thereof, along with the technical bid. But OIL reserves the right for acceptance or rejection of the deviation(s).
8. Packaging & Shipment : The bidder to confirm the followings in the technical bid.
  - i) All operating oils, coolants and other operating fluids will be drained prior to shipment.
  - ii) All fixtures to ship complete with the unit.
9. Documents & Reports : The bidder to confirm in the technical bid that in the event of placement of order, the following manuals & documents shall be provided along with the materials. COMMISSIONING OF THE UNIT SHALL NOT BE CONSIDERED AS COMPLETE UNTIL & UNLESS ALL ABOVE PRINTED DOCUMENTS/ MANUALS / CATALOGUES ARE SUPPLIED.
  - i) 2(Two) sets of printed operating manual, Spare Parts Catalogue and Workshop & Service Manual for all components / systems of winch like engine, transmission, axles, brakes, suspension, with complete engineering schematics shall be supplied against each Equipment(winch).
  - ii) 2(Two) copies of all relevant test and quality control certificates of the manufacturing and testing of all unit functions and parameters shall be supplied.

iii) 2(Two) sets of all relevant test and calibration certificate for each instrument shall be supplied along with the unit.

10. Third party Inspection: The bidder shall confirm in the technical bid that 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 IRS, M/s Rites, Tuboscope Vecto or M/s DNV only). Scope of 3rd party inspection:

- (i) Witness the manufacturing and assembly.
- (ii) Witness the functional and performance tests.
- (iii) Review of inspection procedure.
- (iv) Review of tests and documents related to all components of equipment.
- (v) Any other requirement of the inspection agency to satisfy of the equipment as per applicable standards.

11. Inspection by OIL :

a) Pre shipment inspection shall be carried out for each lot as per delivery schedule by OIL (by representative of user as well as service dept viz. Representatives of Assets, PSS Department, Transport Dept. at manufacturing site after accomplishment of Third Party Inspection (TPI) by manufacturer. The supplier shall inform OIL at least 1 (one) month ahead for such inspection to enable OIL to send its inspectors. The supplier has to arrange for inspection of the unit by a team of 2(Two) 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 -

- i) Physical verification / inspection of all the items / fittings / accessories including all Parts Catalogue, Maintenance & Service Manuals, Final Chassis Built Up/winch Record documents, etc. The supplier shall arrange driver/operator, weighing facility and any other infrastructure during the process of inspection as and when required.
- ii) Functional & load testing of the winch.
- iii) Supplier shall have to take note of any minor modification/s for operational requirement suggested by the inspector and comply with the same at no extra cost.
- iv) The inspection report shall be prepared at the end of the inspection and jointly signed by both the parties.
- v) Supplier shall confirm in writing compliance of all the points raised in the inspection report as well as any other subsequent additions/changes, following deliberation with the inspector after arrival at Duliajan.
- vi) Supplier shall dispatch only on receipt of OIL's dispatch advice.

b) Joint Inspection on arrival of Materials:

I. After Receipt of Equipments, the supplier will send representative/ Service Engineer for refilling of engine Oil, Gear Oil and fuel & carry out functionality test of equipments before deployment for field operation. On receipt of the equipments by OIL, the supplier will be intimated to depute their representative/Service engineer. The supplier shall depute their representative/ service Engineer within 20 days after receipt of official intimation.

II. The representative/Service Engineer shall have to provide practical demonstration to operating personnel of OIL regarding safe operating procedure & maintenance of equipments.

12. Commissioning & Performance Guarantee:

i) It is supplier's responsibility to commission the unit at OIL Premises at Duliajan. On receipt of the unit at site, OIL will intimate the supplier to depute their representative(s) for commissioning of the unit at worksite. During the course of commissioning, if any problem is encountered, the supplier must arrange to rectify the same within one month time without any extra cost to OIL. OIL's observation and report in this regard will be final. Bidder to confirm the same in the technical Bid.

ii) The offer for commissioning cost shall be complete including the cost of to and fro charges, food & lodging and daily charges of commissioning personnel. Bidder to confirm the same in the technical Bid.

iii) The supplier is to provide performance guarantee of the entire unit for a period of one year effective from commissioning date of the same. Bidder to confirm the same in the technical Bid .

iv) The Bidder shall provide an undertaking to accept the Commissioning & Performance Guarantee clause along with the offer.

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


14. Bidder to sign and submit completely filled up Technical check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification.

**CC:: GENERAL NOTES TO BIDDERS:**

Sl No	Clause description
1.0	<p><b><u>Pre-bid conference:</u></b></p> <p>a) A Pre-Bid Conference is planned to be held at Duliajan on <b>22 nd &amp; 23rd January, 2018</b> (if required, shall be extended to next day also) to explain the requirements of Company in details to the interested prospective Bidders and to understand bidders' perspective including exchange of views/clarifications, if any, on the Scope of Work, Bid Rejection/Bid Evaluation Criteria and other terms &amp; conditions of the Tender. Bidders interested to attend the pre-bid conference as above must contact/communicate with DGM Materials FP, Oil India Limited, P.O. Duliajan-786602, ASSAM, <b>Phone:</b> 91-374-2800491/91-0374-2808721, <b>Fax:</b> (91)374-2800533, <b>E-mail:</b> <a href="mailto:pradipkrdas@oilindia.in">pradipkrdas@oilindia.in</a> / <a href="mailto:trdutta@oilindia.in">trdutta@oilindia.in</a> well in advance regarding the venue &amp; other related details.</p> <p>b) 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>c) 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>
2.0	<b>Tender Fee – Tender fee must be paid online through OIL's payment gateway only and no other instrument (Cash/DD/Cheques/Cashier Cheque, etc) will be acceptable.</b>
3.0	<b>Bid Security/EMD/Performance Bank Guarantee – Must be paid either</b>



	<b>through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.</b>
4.0	The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.
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 DGM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.</p> <p><b>a) Original Bid Security along with two duplicate copies of Bid Security.</b>  <b>b) Any other documents which have been particularly asked for in this tender for submission.</b></p>
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 <b>SINGLE STAGE-TWO BID SYSTEM</b>. The bidder has to submit both the “<b>TECHNO-COMMERCIAL UNPRICED BID</b>” and “<b>PRICED BID</b>” through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Notes and Attachments</div> <div>→ <b>Only Price Details Should Be Uploaded</b></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Technical attachments</div> <div>→ <b>All technical bid documents except price details</b></div> </div> <p style="margin-top: 20px;"><b>Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “ New Vendor Manual (effective 12.04.2017) ” available in the login Page of the OIL’s E-tender Portal.</b></p>

	
9.0	<p>In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that “TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFX Response-&gt; User - &gt; Technical Bid. <b><u>No price should be given in above Technical Rfx otherwise the offer will be rejected.</u></b> Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFX Response-&gt; User - &gt; Technical Bid only. The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes &amp; Attachments”.</p>
10.0	<p>PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.</p>
11.0	<p>Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.</p>
12.0	<p>Please mention clearly in your quotation the Net. Weight, Gross Weight &amp; Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.</p>
13.0	<p>To ascertain the substantial responsiveness of the bid, OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by OIL, failing which the offer will be summarily rejected.</p>
14.0	<p>Other terms and conditions of the tender shall be as per “General Terms &amp; Conditions” for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms &amp; Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.</p>

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.
17.0	Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.
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 18 months from date of shipment or 12 months from date of commissioning and handing over to OIL, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.
19.0	Quantity of Individual item may be increased or decrease at the time of final placement of order. The minimum FOB/FCA charges in case of partial order for reduced quantity/enhanced quantity shall have to be indicated by the bidder. In case, this is not indicated specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder.
20.0	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
21.0	<p>The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder’s authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.</p> <p>OIL’s Independent External Monitors at present are as under:</p> <p>SHRI RAJIV MATHUR, IPS (Retd.),</p>

	<p>Former Director (IB) Govt. of India e-Mail ID : <a href="mailto:rajivmathur23@gmail.com">rajivmathur23@gmail.com</a></p> <p>SHRI SATYANANDA MISHRA, IAS(Retd.) Former Chief Information Commissioner &amp; Ex-Secretary, DOPT, Govt. of India E-mail Id : <a href="mailto:satyanandamishra@hotmail.com">satyanandamishra@hotmail.com</a></p> <p>SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : <a href="mailto:jagmohan.garg@gmail.com">jagmohan.garg@gmail.com</a></p>
22.0	<b>Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.</b>
23.0	<p>Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms &amp; Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/E-01/2005. <b>Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. Bidders to note the same and to confirm its acceptance in their offers.</b></p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., DuliajanBranch, 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 and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification failing which their offer will be rejected.
25.0	<b>Payment terms: Refer to "General Terms &amp; Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)</b>
26.0	<b>Liquidated Damage: Refer to "General Terms &amp; Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). In case of deduction of LD, LD amount will be deducted along with applicable rate of GST.</b>
27.0	<b>The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for concessional rate of GST against Essentiality</b>

	<p><b>Certificate for invoice valuing 10 lakh and above.</b></p> <p><b>In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export, where import content is declared by the bidder for availing Custom Duty benefit on the import content.</b></p> <p><b>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.</b></p>
28.0	<p>Bidders to note that Ministry of Petroleum &amp; Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Policy details are available in Annexure-IA</p>
29.0	<p><b><u>Clauses related to GST</u></b></p> <ol style="list-style-type: none"> <li>For the purposes of levy and imposition of GST, the expressions shall have the following meanings: <ol style="list-style-type: none"> <li>GST - means any tax imposed on the supply of goods and/or services under GST Law.</li> <li>Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.</li> <li>GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.</li> </ol> </li> <li>The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties &amp; levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.</li> <li>Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates &amp; amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.</li> <li>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</li> </ol>

	<p>and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.</p> <p>5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.</p> <p>6. <b>When Input tax credit is available for Set Off</b>  Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders</p> <p><b>When Input tax credit is NOT available for Set Off</b>  Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders</p> <p>7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.</p> <p>8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.</p>
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**BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)**

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

The bids shall conform to the specifications, terms and conditions given in the tender. Bids shall be rejected in case the item(s) offered do not conform to technical specifications and to the respective international / national standards wherever stipulated.

Notwithstanding the general conformity of the bids to the stipulated specifications, and terms & conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected. All the documents related to BRC must be submitted along with the technical bid.

**A) BID REJECTION CRITERIA :****A.1 TECHNICAL:****1.0 Qualification Criteria:**

1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of Tender item, or shall be an authorized agent / dealer / distributor / supply house of an Original Equipment Manufacturer of tender item.

1.2 In case the bidder is quoting as authorized agent / dealer / distributor / supply house, copy of valid authorization letter / dealership certificate with warranty/ guarantee back up on the quoted product from the Original Equipment Manufacturer (the principal) shall be submitted along with the technical bid.

**2.0 Experience criteria:**

2.1 In case the bidder is an Original Equipment Manufacturer (OEM) of tender item.

2.1.1 The bidder (as OEM) shall have experience of successful execution of order(s)/contract(s) for minimum 50% of tender quantity of any one or in combination of the following items in last 5 years proceeding to the Bid closing date of the tender, to any E&P company or service provider to an E&P company, either by themselves or through their agent / dealer / distributor / supply house-

- a) Skid mounted Slick line winch
- b) Trailer mounted slick line winch.
- c) Truck mounted slick line winch

2.2 In case the bidder is an authorized agent /dealer /distributor /supply house:

2.2.1 The OEM (principal) shall fulfil the experience criteria mentioned in clause 2.1.1 mentioned above.

2.2.2 Additionally, the bidder himself (as authorised agent/dealer/distributor/Supply house) shall have experience of successful execution of past supply for minimum 50% of any one of the items as mentioned in point 2.1.1 above, in last 05 years from the original bid closing date of the tender, supplied to any E&P company or service provider to an E&P Company, either from the same OEM (principal) or from any other OEM.



2.3 The bidder shall submit documents in support of previous supply experience of the principal (OEM) and himself, as applicable under clause 2.1.1, 2.2.1 & 2.2.2 as follows:

- (i) Copy (ies) of Purchase Order(s) / contract(s) and
- (ii) Any one or combination of the following documents that confirms the satisfactory execution of each of those Purchase Order(s) / contract(s)
  - a) Completion report / performance certificate from the clients,
  - b) Bill of lading, Invoice etc.
  - c) Consignee receipt delivery challan
  - d) Central Excise Gate Pass/Tax Invoices
  - e) Commercial Invoice/Payment Invoice

3.0 The tendered item shall be supplied as per delivery schedule described below:

- a) Within 10 months from the date of issue of PO (for indigenous bidder)/ opening of LC (for foreign bidders).

The bidder shall categorically confirm the same in their technical bid.

## **A.2 FINANCIAL CRITERIA:**

- 1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **US\$ 9,34,182.00 or Rs.607.21 Lakhs** during any of the preceding 03 (three) financial years reckoned from the original bid closing date of the tender.
- 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 2016-17).
- 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 2016 (As the case may be) 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 IV.
  - 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\$.

### A.3 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 Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 6.0 Bid security of **US \$ 31,970.00 or Rs. 20,71,655.00** shall be furnished as a part of the **Techno-Commercial Unpriced 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).
- 7.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten (10%) of total evaluated value of Order as per Clause No. 10 (Section A) of “General Terms & Conditions” as per Booklet No. MM/GLOBAL/E-01/2005. 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.

- 8.0 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.
- 9.0 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
- 10.0 Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below.

**i) Price Bid Format (SUMMARY) for Foreign Bidders:**

1.	
A)	Unit cost of Light Scrapping Winch
1.	
B)	Total cost of 30 Nos. of Light Scrapping Winch
1.	
C)	Third Party Inspection Charges (for 30 Nos. of Light Scrapping Winch), If any
1.	
D)	Pre Despatch Inspection Charges (for 30 Nos. of Light Scrapping Winch), If any
2	Total cost of supply (1A+1B+1C+1D)
3	Packing & FOB Charges
4	<b>FOB Value (2+3)</b>
5	Ocean Freight Charges upto Kolkata, India
6	Insurance Charges @ 0.5 % of Total FOB Value vide (4) above
7	Banking Charges @ 1% of Total FOB Value vide (4) above in case of payment through Letter of Credit. If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value will be loaded )
8	<b>CIF Value (4+5+6+7)</b>
9	Landing Charges 1% on(8)
10	<b>CIF Landed Value (8+9)</b>
11	Basic Custom Duty on (10)
12	<b>CIF +CD Landed Value (10+11)</b>
13	IGST (including cess, if any) on (12)
14	Compensatory Cess on 13, If any
15	<b>CIF +CD+GST Landed Value (12+13+14)</b>
16	Training Charges, If any
17	GST on Training Charges
18	Installation and commissioning Charges (For 30 nos.), if any
19	GST on Installation & Commissioning Charges
20	<b>Total Value (15+16+17+18+19)</b>
21	Total Value in words :
22	Gross Weight :
23	Gross Volume :

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

1.	
A)	Unit cost of Light Scrapping Winch
1.	
B)	Total cost of 30 Nos. of Light Scrapping Winch
1.	
C)	Third Party Inspection Charges (for 30 Nos. of Light Scrapping Winch), If any
1.	
D)	Pre Despatch Inspection Charges (for 30 Nos. of Light Scrapping Winch), If any
2	Total cost of supply (1A+1B+1C+1D)
3	Packing & Forwarding Charges, if any
4	<b>Total Ex works Value (2+3)</b>
5	GST on (4)
6	Compensatory Cess, If any
7	<b>Total FOR Despatching Station value(4+5+6)</b>
8	Inland freight Charges uptoDuliajan, Assam
9	GST on (8)
10	Insurance Charges @ 0.5 % on (7)
11	Training Charges, If any
12	GST on Training Charges
13	Installation and commissioning Charges (For 30 nos.), if any
14	GST on Installation & Commissioning Charges
15	<b>Total FOR Duliajan Value (7+8+9+10+11+12+13+14)</b>
16	Total Value in words :
17	Gross Weight :
18	Gross Volume :
19	Import Content, if any

**B) BID EVALUATION CRITERIA**

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

**B1. COMMERCIAL**

1.0 The evaluation of bids will be done as per the Commercial Bid Format (SUMMARY) detailed vide of BRC.

2.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

3.0 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

4.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.

- a) When only foreign bidders are involved: Comparison will be done on Total value vide Sl.No. 20 of 11 (i) of BRC Commercial
- b) When both foreign & Domestic bidders are involved: Comparison will be done on total value vide Sl no 20 of 10 (i) of BRC Commercial of foreign bidder and total value vide SIno. 15(excluding Sl no 8,9 & 10) of 10 (ii) of domestic bidder
- c) When only domestic bidders are involved: Comparison will be done on Total value vide Sl no 15 of 10 (ii) of BRC Commercial of Domestic bidder
- d) Domestic bidders must quote inland freight charges uptoDuliajan. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder against this tender shall be loaded to their offer for comparison purpose.
- e) The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence, applicable Customs Duty for import of goods shall be ZERO. However, IGST @ 5% shall be applicable. IGST @ 5% shall be applicable for Indigenous bidders also under deemed export benefit.

Note: If the Government of India revises these evaluation criteria the same as applicable on the bid closing date will be adopted for evaluation of the offers.

5.0 Other terms and conditions of the enquiry shall be as per General Terms and Conditions for Global Tender. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) mentioned here contradict the Clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

**COMMERCIAL CHECK LIST**

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

**A.**

<u>Sl#</u>	<u>REQUIREMENT</u>	<u>COMPLIANCE</u>
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Supply House	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
3.0	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 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 tender Payment Terms of 80% against shipment/dispatch documents and balance 20% after successful commissioning/testing along with commissioning/testing charges?	Yes / No
5.0	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
5.1	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
6.0	Whether Price submitted as per Price Schedule (refer Para 12.0 of BRC vide Annexure - II)?	Yes / No
6.1	Whether cost of Recommended Spares for 2 years of operations quoted?	YES/NO
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No
8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No

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

**B. TO BE FILLED UP IN DETAIL:**

Sl No	Requirement	Bidder's Reply
01	Make and Model of the Items	
02	Bid validity	
03	Payment Terms	
04	Guarantee/Warranty Terms	
05	Delivery Period	
08	Port of Despatch / Despatching Station	
09	Confirm submission Integrity pact, if required as per NIT	

10	Confirm submission PBG, if required as per NIT	
11	Compliance to: a) Liquidated Damage b) Warranty/Guarantee c) Arbitration/Resolution of Dispute d) Force Majeure e) Applicable laws	
12	Exception/Deviations quoted, if any, to be given in details or refer to respective page of the bid documents	

Signature \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

\*\*\*\*\*

**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

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

**TO WHOM IT MAY CONCERN**

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

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

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

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

**\*Applicable only for GLOBAL tenders**



**(Technical specification evaluation sheet)**

**Trailer mounted, Self-contained, Steel skid base structure, Gasoline (Petrol) Engine driven, Single Drum, Hydraulic Light/medium duty slickline winch for well scrapping, complete with accessories.**

<b><u>NIT clause no</u></b>	<b><u>Technical specification as per NIT</u></b>	<b><u>Technical Offer by the Bidder</u> <b><u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u></b></b>	<b><u>Comments (if any)</u></b>	
			<b><u>Bidder Information regarding reference file no in the technical bid</u></b>	<b><u>Scrutinizer Remarks</u></b>
<b><u>a) Overall Dimension</u></b>	<b><u>a) Overall Dimension:</u></b> The overall dimension of the Trailer mounted winch shall be approx. 1500 mm (l) x 1000 mm (w) x 800 mm (h).			
<b><u>b) Prime mover (Engine):</u></b>	<b><u>b) Prime mover (Engine):</u></b> i) Air cooled double Cylinder 4-Stroke Overhead Valve Gasoline (Petrol) Engine capable of developing power of minimum 23 HP at rated RPM of emission norm EURO-IV or Equivalent.			
<b><u>b) Prime mover (Engine):</u></b>	ii) The engine shall have manual override facilities for starting of engine.			
<b><u>b) Prime mover (Engine):</u></b>	iii) The make & model of the engine shall be Briggs and Stratton (model VANGUARD).			
<b><u>b) Prime mover (Engine):</u></b>	iv) The exhaust of the engine shall be installed considering the position of the operator so that exhaust smoke is directed away from the operator & does not get entrapped in the canopy, so as to avoid discomfort to the personnel around. The engine exhaust shall be equipped with spark arrester.			
<b><u>b) Prime mover (Engine):</u></b>	<i>Note: Engine with only electric (battery driven) starting provision is not acceptable.</i>			
<b><u>C. System Requirement</u></b>				

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
7. <u>Transmission:</u>	i. The power transmission system shall be hydraulic with suitable chain and sprocket transmission for driving the winch drum. Winch drum with direct motor driven is also acceptable.			
<u>I. Transmission:</u>	ii) The hydraulic system shall be either open loop or closed loop with fixed staggered/variable displacement positive displacement pump and motor.			
<u>I. Transmission:</u>	iii) A main pressure relief valve shall be installed to ensure that the maximum hydraulic working pressure is within the design limits of the hydraulic components and would also ensure that the engine shall not be overloaded beyond design HP.			
<u>I. Transmission:</u>	iv) A crossover relief valve shall be installed with the hydraulic motor to normalize the pressure spikes in either sides of the motor.			
<u>I. Transmission:</u>	v) For controlling/regulating speed and pull of the motor, an operator adjustable pilot relief valve with a mechanical type fluid filled pressure gauge shall be installed on the operator panel.			
<u>I. Transmission:</u>	vi) For directional control of the winch drum a three position directional control valve shall be installed on or near the operator panel. The configuration of the directional control shall be specific to circuit design & requirements.			
<u>I. Transmission:</u>	vii) The hydraulic system shall be designed to protect from unexpected events such as engine stalling etc.			
<u>I. Transmission:</u>	viii) The Bidder shall provide a hydraulic circuit of the unit using standard legends for all components i.e. pump , motors, filters, DC & relief valve and heat exchangers etc.			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
<u>II. System Components:</u>	1. <b>Heat exchanger:</b> An heat exchange shall be used to achieve cooling of hydraulic oil in an average range of temperature 55°-60° centigrade throughout the operation. If the heat exchanger is air/liquid cooling type, the heat exchanger fan shall be hydraulic motor driven only.			
<u>II. System Components:</u>	2. <b>Hydraulic Oil Reservoir:</b> I. The reservoir shall be constructed as per best industrial standards with extensions of the end plates supporting the tank on the floor.			
<u>II. System Components:</u>	II. The inside of the tank shall be painted/coated with a sealer to prevent corrosion from condensed moisture. The sealer shall be chosen for compatibility with the fluid being used.			
<u>II. System Components:</u>	III. The reservoir shall be designed for easy maintenance of fluid. The bottom of the tank shall be suitably designed and has a drain plug at the lowest point of the tank for complete draining of the oil from the tank. An easily accessible removable cover shall be provided for cleaning. The cover shall be sufficiently sealed to prevent air and spillage of oil.			
<u>II. System Components:</u>	IV. A filler cap shall be provided with fine meshed screen to keep out contamination when the fluid is replenished.			
<u>II. System Components:</u>	V. A vented breather cap of suitable size shall be used on the top of the reservoir. It shall also contain air filtering screen.			
<u>II. System Components:</u>	VI. The tank shall contain necessary baffle plate to prevent local turbulence in the tank and remove entrapped air from the fluid.			
<u>II. System Components:</u>	VII. Pump inlet and return lines must be well below the fluid level to prevent aeration and foam. Each hydraulic hose connections including drain plug shall be equipped with one isolating valve.			
<u>II. System</u>	VIII. Suitable level glass with temperature indicator shall be			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
<u>Components</u> :	installed in an easily readable position on the side of the tank.			
<u>II. System Components</u> :	IX. Suitable dip strainer shall be provided in pump inlet line.			
<u>II. System Components</u> :	X. In line Filters: The Hydraulic system shall include filters for pressure line / return line of required pressure rating and micron to maintain the system efficient and clean.			
<u>II. System Components</u> :	XI. Hose and hose connection: All hose connection shall be 37 degree flare fitting with swivel nut for the reason of flexibility in hose replacement. The make of the hoses shall be Parker/Gates/Eaton/ Powergrip .			
<u>II. System Components</u> :	<b>3. Pump &amp; motor:</b> The manufacturer of the pump and motor shall be Parker/Denison/Rexroth/Eaton/Vickers/Danfoss.			
<u>II. System Components</u> :	<b>4. DC &amp; Relief valve:</b> The manufacturer of DC and pressure control (relief) valves shall be Rexroth/Denison/Vickers/Yuken/Eaton/Danfoss/Barksdale/Parker.			
<u>II. System Components</u> :	<b>5. Mechanical drive:</b> If mechanical chain and sprocket system is used in between hydraulic motor and winch drum to transmit power, the size of the chain and sprocket shall be suitably selected considering the maximum power requirement of the winch. Double stranded chain and sprocket drive shall be used in mechanical transmission. The chain and sprocket system shall be suitably enclosed with safety cover.			
<u>III. System Parameter</u>	• Maximum line speed: 350 meter/min, infinitely variable			
	• Minimum line speed: Line speed shall be varied precisely in fraction of meter while initial run in hole & final out of hole.			
	• Maximum hydraulic temperature: 55°-60° centigrade			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	<ul style="list-style-type: none"> <li>Maximum hydraulic system pressure: less than 3000 psi.</li> </ul>			
<b><u>d) Winch Drum</u></b>	<b><u>Winch Drum :</u></b>			
	i) Length: 430 mm approx (Between Flanges).			
	ii) Core Dia.: 130 mm (approx.)			
	iii) Flange Dia.: 350mm (approx.)			
	iv) Line Size: 2.0828 and 2.3368 mm (0.082" and 0.092") slickline.			
	v) Line Capacity: 5500M (18000 ft) of 0.092" size slickline.			
	vi) Line Speed: Infinitely variable from 0 to 350 meters per minute at rim.			
	vii) Static Line Pull: Around 700Kgs (1550 lbs) at Core			
<b><u>d) Winch Drum (Note for winch drum)</u></b>	xi. The drum shall be provided with a splash guard.			
<b><u>(Note for winch drum)</u></b>	xii. The winch drum shall be driven through hydraulic power transmission system either directly with hydraulic motor or via chain/sprocket system from hydraulic motor.			
<b><u>(Note for winch drum)</u></b>	xiii. The drum with shaft shall be mounted on the pedestal type bearing of rated capacity.			
<b><u>(Note for winch drum)</u></b>	xiv. The hole for anchoring of the slickline on the reel drum shall be provided at one end of the drum and not in the centre.			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
<u>(Note for winch drum)</u>	xv. Winch drum shall be rigid in construction. The Bidder needs to provide an engineering drawing and QAP for the offered design for technical evaluation. Additionally, at the time of supply, NDT & Radio graphical test certificate shall be provided.			
<u>(Note for winch drum)</u>	xvi. The core of the drum shall be barrel in shape and manufactured from seamless thick tubular steel with wall thickness of more than ½”. The flanges shall be cut from single sheet of thickness greater than ½”.			
<u>(Note for winch drum)</u>	vii. The barrel (core) shall be pressed through the drum flanges. The circumferential length of contact between drum flange and barrel shall be welded on both sides of the flanges. All welded area shall be machined to a seamless finish.			
<u>(Note for winch drum)</u>	viii. Brake drum shall be welded outside flange in both end of the drum and circumferentially welded both outside and inside with the flange. The brake drum shall be a meant to add mechanical strength to the flanges and drum.			
<u>(Note for winch drum)</u>	ix. Steel gussets shall be inserted radially and welded to the circular brake drum, flange and barrel to make all the three components into a single solid assembly.			
<u>(Note for winch drum)</u>	xx. The drum shaft shall be machined from a solid steel billet to a diameter to 2” and pressed fit inside the barrel and then welded.			
<b><u>e) Handle Assembly (Manual Pulling System):</u></b>				
i.	i) The drum shall be equipped with Mount crank & handle Assembly for winding of the slickline manually.			
ii.	ii) The position of the crank lever shall be selected considering operator’s position, ergonomics and safety.			
iii.	iii) The provision for affixing the drum lever shall be made either on the drum shaft or drum flange. If the crank lever is equipped with the drum shaft, it shall be			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	removable type on account of safety.			
	<b>l) <u>Brake Assembly:</u></b>			
<b><u>Brake Assembly</u></b>	i) The drum shall be provided with manually applied dual brake bands with lining to offer positive gripping, holding and heat dissipation.			
	ii) The brake band shall contain suitable lining for positive gripping and adjustment mechanism.			
	iii) The brake lever shall be installed at the operator panel. The lever shall be of adjustable easy applying type.			
	iv) The brake lever shall be provided with ratchet lock mechanism & lever stop arrangement.			
	<b>m) <u>Spooler Assembly:</u></b>			
<b><u>Spooler Assembly</u></b>	vi) The Drum shall be provided with double rack Hand Spooler for manually controlling the spooling & unspooling of the slickline in orderly manner.			
	vii) The double rack assembly should be provided with counter balance weight or equivalent arrangement on the opposite side of the end where depth measuring meter is mounted.			
	viii) The pivoting arrangement of the double rack assembly should be sturdy to prevent breakage of the pivot bracket / hub.			
	ix) The double rack assembly shall dual spring balanced contain an arm stop arrangement on upper side.			
	x) The double rack assembly shall have provision for mounting depth measuring meter assembly.			
	<b>n) <u>Depth Measuring Meter Assembly:</u></b>			
	vi) Standard line C/W depth measuring meter with measuring			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
<b>Depth Measuring Meter Assembly</b>	counter and pressure wheels suitable for 0.082" (2.0828 mm) and 0.092"(2.3368 mm) slick line shall be provided.			
	vii) The measuring head assembly shall be mounted on the double rack assembly, considering proper operational ergonomics.			
	viii) The counter should be suitably mounted on the measuring assembly so as to facilitate easy visibility by the winch operator.			
	ix) The reading of measuring counter shall be in metric units readable to 5 digits, right hand drive.			
	The make & model of counter shall be Halliburton, model EA1000-13814 or equivalent			
	<b>i) Hay Pulley Assembly:</b>			
	v) Latch type hay pulley (Bottom Pulley) assembly for 2.0828 mm (0.082") and 2.3368 mm (0.092") dia. slick lines to be provided.			
	vi) The sheave size shall be 12" dia.			
	vii) The line keeper is to be provided with adapter for line wiper.			
	viii) The hay pulley shall be of make & model Halliburton part No. 804-003 or equivalent.			
	ix) Latch type hay pulley (Bottom Pulley) assembly for 2.0828 mm (0.082") and 2.3368 mm (0.092") dia. slick lines to be provided.			
	<b>o) Slickline:</b>			
e) Slickline	v) Winch drum shall be provided with a slickline in loaded condition			
	vi) Size: 2.34mm (0.092") slickline.			
	vii) Applicable Standard: API 9A standard, 22 <sup>nd</sup> Edition, Section 8, Table 8.1			
	viii) Material: Plow Steel conforming to following physical properties.			
Slickline	ix) Winch drum shall be provided with a slickline in loaded condition			
	a. Breaking Strength: 6.88 KN (1547 lbs.) Min.			



<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	b. Elongation: 254 mm (10”), Percent: 1.5 minimum.			
	c. Elongation, tensile test & torsion test must conform to API specification 9A.			
	d. Torsional Requirement: A 203.2 mm(8”) long test specimen from each reel kept under tension applying a load of 84.52 Newton(19 lbs) must withstand minimum 23 no of 360 degree twist before breakage occurs.			
	e. Breaking Strength: 6.88 KN (1547 Ibs.) Min.			
<u><b>K) Steel Frame</b></u>	<u><b>K) Steel Frame:</b></u> All steel frames of winch shall be made of suitable grade steel member to provide rigidity and robustness of the unit.			
<b>B.) <u>Trailer Specifications:</u></b>				
<b>a)</b>	<b>a.)</b> The trailer is meant for mounting the winch equipment of overall dimension of approx. 1500 mm (l) x 1000 mm (w) x 800 mm (h) and weighing approx. 1000 kg having suitable skid.			
<b>b)</b>	<b>b.)</b> The wireline winch shall be mounted on the platform of the trailer through suitable bolts & nuts. Bolts and nuts must be placed over cross members and not directly on the platform .			
<b>c)</b>	<b>c.)</b> The trailer shall be provided with Towing arrangement for mobilizing/Demobilizing the unit from one location to another by pickup van viz. TATA 709, Swaraj Mazda, etc. or Agricultural Towing Tractor equipped with Jaw & Pin type towing hook.			
<b>d)</b>	<b>d.)</b> Suitable light weight rugged canopy shall be provided over the trailer to protect the winch from rain/dust etc. The canopy is required to cover the equipment during transportation, parking as well as to protect it from rain/dust, burglary, etc. The canopy will rest on side boards of the trailer. During operation, it will be kept half open (70 to 80 degree) with locking provision at that angle. It shall also have lock & key arrangement.			
<b>e)</b>	<b>e.)</b> The opening & fixing arrangement of the canopy shall be such that it does not open beyond 120 degree for which suitable sliding stands on side board on both sides shall be provided.			

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			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	These sliding stands shall also be used to keep the canopy open at 70 to 80 degree during operation.			
<b>f)</b>	<b>f.)</b> During winch operation, the trailer is detached from the Pickup/Tractor. Suitable foldable stand type support shall be equipped by at its corners. There shall be 4 telescopic tubular stands (telescopic action NOT through screw jack arrangement) at four corners of the trailer with height adjustment facility to place the trailer in properly level position on ground.			
<b>g)</b>	<b>g.)</b> The front and the side boards of the trailer shall be hinged type so that it can be opened & hanged downward at the time of winch operation.			
<b>h)</b>	<b>h.) <u>The other technical specification of the trailer shall be as follows:</u></b>			
	<b>a.</b> Single axle two-wheel trailer.			
	<b>b.</b> Capacity: 1000 Kg			
	<b>c.</b> Floor area of trailer: Approx 2000 mm (L) X 1450 mm (W)			
	<b>d.</b> Side Board height: Approx. 450 mm			
	<b>e.</b> Height of platform from ground: Approx 500 mm to 600 mm			
	<b>f.</b> Overall width (with wheels & mudguard): Approx. 1850 mm			
	<b>g.</b> Overall length (with draw bar): Approx. 3000 mm			
	<b>h.</b> Overall height (with canopy): Approx. 1400 mm			
<b>i)</b>	<b>i.) <u>Platform &amp; Side Boards:</u></b> <b>a.</b> The chassis frame of the trailer shall be made of approx. 50 mm size suitable steel channel.			
	<b>b.</b> The central longitudinal member shall be min. 150 mm steel U-channel which shall also serve as Draw Bar with towing hook arrangement.			

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			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	<b>c.</b> The Draw Bar extension from the trailer shall be min. 1000 mm in order to negotiate sharp turn.			
	<b>d.</b> The tow eye on the Draw Bar shall have an ID of approx. 65 mm to pass through the towing pin of the Jaw & Pin type towing hook arrangement of Pickup/Tractor. The tow eye shall be with cushioning spring.			
	<b>j.) <u>Material of Construction:</u></b>			
<b>j)</b>	<b>a.</b> The platform of trailer shall be made of min. 6 mm. M.S. Chequered plate to mount the equipment through bolts & nuts.			
	<b>b.</b> The height of the side boards shall be 350 mm. It shall be made of min. 12 gauge thick MS corrugated sheet over min. 25 mm square channels. Except the tail board (opposite to the Draw Bar) all the three side boards shall be fixed type. The tail board shall be hinged type with suitable locking arrangement for opening & closing. During operation it shall be kept hanged downward.			
	<b>c.</b> The canopy shall be light weight for easy opening & closing by one or two persons. It shall be made of MS channel & 14-15 gauge aluminium sheets. It has to be rugged box type with gradual slope from draw bar end to the rear end. While height of the canopy over the side board at draw bar end shall be approx. 500 mm (to get an overall height clearance of 850 mm from trailer floor), at rear it shall be approx. 300 mm. The canopy shall be hinged (heavy duty continuous hinge) at the draw bar end along the width of the trailer. It shall also have lock and key arrangement.			

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				<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
k)	<b>k.) <u>Axle</u>:</b> Suitable round cross-section axle to take load of min. 1500 Kg. Suitable wheel stud and bolts shall be provided to lock the wheel. Position of axle shall be approx. 250 mm away from the centre of the trailer platform towards the rear.				
l)	<b>l.) <u>Suspension</u>:</b> Suitable leaf spring suspension with shock absorbers shall be provided.				
m)	<b>m.) <u>Wheel, Rim &amp; Tyre</u>:</b> Two Nos. complete wheels having tyre size preferably 6.00x16 (tyre and tube) shall be provided.				
n)	<b>n.) <u>Parking Brake</u>:</b> Suitable hand brake for both the wheels shall be equipped. The hand lever shall be positioned preferably by the side of the draw bar.				
o)	<b>o.) <u>Mudguard</u>:</b> Suitable mudguard of pressed steel sheet shall be provided over the wheels.				
p)	<b>p.) <u>Painting</u>:</b> One coat of primer and two coats of Imperial Crimson (DULUX GLOSS) paint for trailer shall be provided. Chassis paint for undercarriage shall be provided. Wheel rims shall be painted with black colour. All steel works shall be suitably painted				
q)	<b>q.) <u>Accessories</u>:</b> Suitable and sufficient reflectors for movement at night. Registration plate – 2 Nos, one front and one rear.				
r)	<b>r.) <u>Spare Parts</u>:</b> All spares in specified quantity as indicated below shall be supplied along with the units. Specific description, Part Nos., Make, etc. of each and every item (spare) shall clearly be indicated in the Techno-commercial bid.				
	Clutch disc (Head washer)	15 Sets			
	Thrust bearing	15 Nos.			
	Spring plate	15 Nos.			
	Spring, Clutch Throwout	04 Sets			
	Chain (All the fitted chains of various sizes)	10 Sets			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>		<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
				<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	Sprocket (All the fitted sprockets of various sizes)	06 Sets			
	Mounting, winch	15 Nos.			
	Brake band assembly	06 Nos.			
	Brake ratchet	10 Nos.			
	Brake adjusting rod	06 Nos.			
	Brake adjusting spring	06 Nos.			
	Brake lever assembly	02 Nos.			
	Hydraulic Motor, Winch Drum	05 Nos			
	Hydraulic Motor, Cooler Fan	05 Nos			
	Cooler , Fan	10 Nos			
	Hydraulic Pump	05 Nos			
	DCV	05 Nos			
	Pressure Relief Valves	05 Nos			
	Cross port Relief Valves	05 Nos			
	Suction Hoses	10 sets			
	Return Hoses	10 sets			
	Hydraulic Filter.	20 Nos			
	Hydraulic Oil Cooler	05 Nos			
<u>Engine</u>					
	Fuel Filter	20 Nos.			
	Engine Oil Filter	20 Sets			
	Engine Mounting	04 Sets			
	Carburetor Assembly	10 Nos.			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>		<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
				<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	Spark Plug	20 Nos.			
	Carburetor repair kit	10 Sets			
	Crank Shaft	10 Nos.			
	Crank Shaft seal kit	10 Nos			
	Piston Assy. Std.	08 Nos.			
	Piston Assy. 0.010"	06 Nos.			
	Piston Assy. 0.020"	06 Nos.			
	Rod Connecting	08 Nos.			
	Gear, Cam	05 Nos.			
	Overall Gasket Set	10 Sets			
	Head Gasket	15 Sets			
	Muffler, Exhaust	08 Nos.			
	Electrical starter	10 Nos.			
	Valve, Exhaust	20 Nos.			
	Valve, Intake	20 Nos.			
	Head-Cylinder	05 Nos.			
	Filter, Air	10 Nos.			
	Filter Pre-Cleaner	10 Nos.			
	Cover Air Cleaner	05 Nos.			
	Starter, Rewind	10 Nos.			
	Piston Ring Standard	05 Sets			
	Piston Ring 0.010"	05 Sets			
	Piston Ring 0.020"	05 Sets			
	Guard Muffler	10 Nos.			
	Tank Fuel	05 Nos.			
	Gear Governor	10 Nos.			
	Carburetor float	05 Nos.			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>		<u>Technical Offer by the Bidder</u> <u>* Bidder shall categorically state the specification, information &amp; design parameter of the offered Equipments against corresponding NIT clause</u>	<u>Comments (if any)</u>	
				<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
	Rod, Push	10 Nos.			
	Arm Rocker	10 Nos.			
	Tappet Valve	10 Nos.			
	Gasket Crank Case	12 Nos.			
	Cover Crank Case	05 Nos.			
	Retainer, Air-filter	05 Nos.			
	Bracket, control	10 Nos.			
	Engine-block	05 Nos.			
	Accelerator cable	20 Nos.			
	Alternator	10 Nos			
	Starter Solenoid	10 Nos			
	Regulator	10 Nos			
<u>Winch</u>					
	Crank Handle	04 Nos.			
	Crank Gear (If any)	04 Nos.			
	Crank Axle (If any)	04 Nos.			
	Winch Drum	02 Nos			
<b>s.) <u>The following documents are to be submitted along with each of the unit:</u></b>					
<b>a)</b>	<b>a.</b> 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.				
<b>b)</b>	<b>b.</b> Notwithstanding any clause mentioned elsewhere in the NIT, the Invoice for the complete unit shall be submitted in 2(two) parts separately as under: <b>i. Invoice for skid mounted winch: It shall include the cost of the prime mover (engine) and winch only.</b> <b>ii. Invoice for trailer: It shall include cost of trailer part only.</b>				

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			<u>Bidder Information regarding reference file no in the technical bid</u>	<u>Scrutinizer Remarks</u>
c)	<b>c. <u>Manuals, catalogues and drawings:</u></b> The following Manuals & Catalogue in printed form from respective manufactures shall be supplied along with the unit. Commissioning of the unit shall not be considered as complete until & unless all the printed manuals/catalogues are supplied.			
a)	<b>a.</b> 2(Two) sets of Operation and Maintenance Manual in English language of the engine.			
b)	<b>b.</b> 2(Two) sets of Operation and Maintenance Manual in English language of the winch.			
c)	<b>c.</b> 2 (Two) sets of Spare Parts Catalogue for engine.			
d)	<b>d.</b> 2 (Two) sets of Spare Parts Catalogue for winch.			
e)	<b>e.</b> Quotations must be accompanied by relevant catalogue /literature and detailed engineering drawing showing all the components of the offered engine for technical scrutiny.			
f)	<b>f.</b> Detail layout drawing of the Engine with Hydraulic system, Clutch, Hand brake, Chain & sprocket Transmission, Reel drum Assembly etc. must be provided with the bid. Engine Torque & HP Curve shall be provided along with the bid.			
g)	<b>g.</b> Duly filled checklist (Annexure-1B) as per enclosed format shall be furnished along with the bid.			
h)	<b>a.</b> 2(Two) sets of Operation and Maintenance Manual in English language of the engine.			
C	<b><u>C) CHECK LIST ANNEXURE-1B:</u></b> Confirmation by bidder regarding submission of checklist alongwith the BID as per annexure 1B			

### **Tender special notes:**

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Bidder's Response</u>	<u>Compliance by Bidder</u>
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			<u>Indicate Complied or Deviation if any</u>	<u>Indicate Corresponding page ref. of unpriced bid or Comments if any</u>
<u>1</u>	1) The items shall be brand new, unused and prime quality. Bidder shall warrant (In the event of order) that the product supplied will be free from all defects & fault in material, workmanship and manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from the date of dispatch/shipment or 12 months from the date of commissioning of the items. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense. Bidders must confirm the same while quoting.			
<u>2</u>	2) The bidder shall provide brochures and technical literature for the equipment along with the technical bid.			
<u>3</u>	3) Bidder shall provide an additional list of critical spares along with the part nos and price details for carrying out trouble free operation and maintenance of the unit for at least 2 years along with the the technical bid. Cost of these spares will not be considered for price evaluation. However procurement of these spares shall be at OIL's discretion.			
<u>4</u>	<b>4) Unitization &amp; completion:</b> The unit shall be fully assembled, unitized and completed as per best industrial practice. The bidder to confirm the same in technical bid.			
<u>5</u>	<b>5) Workmanship :</b> The bidder to confirm the followings in the technical bid. a) Workmanship shall be of good quality and appearance. b) Welds shall be of good quality and of sufficient strength. c) Flame cut edges shall be ground smooth. Sharp corners and edges to which operators and mechanics are vulnerable shall be ground smooth.			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Bidder's Response</u>	<u>Compliance by Bidder</u>	
			<u>Indicate Complied or Deviation if any</u>	<u>Indicate Corresponding page ref. of unpriced bid or Comments if any</u>
	d) Bolt holes shall be drilled (not torch cut)			
<u>6</u>	<b>6) Noise Level :</b> Noise level for the complete unit in running condition shall not cross 90dB. The bidder to confirm the same in technical bid.			
<u>7</u>	7) The bidder shall enclose comprehensive list of intended deviations from the technical specifications, if any, clearly highlighting the reasons thereof, along with the technical bid. But OIL reserves the right for acceptance or rejection of the deviation(s).			
<u>8</u>	<b>8) Packaging &amp; Shipment :</b> The bidder to confirm the followings in the technical bid. i) All operating oils, coolants and other operating fluids will be drained prior to shipment. ii) All fixtures to ship complete with the unit.			
<u>9</u>	<b>9) Documents &amp; Reports :</b> The bidder to confirm in the technical bid that in the event of placement of order, the following manuals & documents shall be provided along with the materials. COMMISSIONING OF THE UNIT SHALL NOT BE CONSIDERED AS COMPLETE UNTIL & UNLESS ALL ABOVE PRINTED DOCUMENTS/ MANUALS / CATALOGUES ARE SUPPLIED.			
<u>9</u>	i) 2(Two) sets of printed operating manual, Spare Parts Catalogue and Workshop & Service Manual for all components / systems of winch like engine, transmission, axles, brakes, suspension, with complete engineering schematics shall be supplied against each Equipment(winch).			
<u>9</u>	ii) 2(Two) copies of all relevant test and quality control certificates of the manufacturing and testing of all unit functions and parameters shall be			

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			<u>Indicate Complied or Deviation if any</u>	<u>Indicate Corresponding page ref. of unpriced bid or Comments if any</u>
	supplied.			
<b>9</b>	iii) 2 (Two) sets of all relevant test and calibration certificate for each instrument shall be supplied along with the unit.			
<b>10</b>	<p><b>10) Third party Inspection:</b> The bidder shall confirm in the technical bid that 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 IRS, M/s Rites, Tuboscope Vecto or M/s DNV only). Scope of 3rd party inspection:</p> <p><b><u>Scope of 3rd party inspection:</u></b></p> <ul style="list-style-type: none"> <li>(i) Witness the manufacturing and assembly.</li> <li>(ii) Witness the functional and performance tests.</li> <li>(iii) Review of inspection procedure.</li> <li>(iv) Review of tests and documents related to all components of equipment.</li> <li>(v) Any other requirement of the inspection agency to satisfy of the equipment as per applicable standards.</li> </ul>			
<b>11(a)</b>	<p><b>2) Inspection by OIL :</b></p> <p><b>a)</b> Pre shipment inspection shall be carried out for each lot as per delivery schedule by OIL (by representative of user as well as service dept viz. Representatives of Assets, PSS Department, Transport Dept. at manufacturing site after accomplishment of Third Party Inspection (TPI) by manufacturer. The supplier shall inform OIL at least 1 (one) month ahead for such inspection to enable OIL to send its inspectors. The supplier has to arrange for inspection of the unit by a team of 2(Two) OIL's engineers. OIL will bear the expenses towards traveling and accommodation</p>			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Bidder's Response</u>	<u>Compliance by Bidder</u>	
			<u>Indicate Complied or Deviation if any</u>	<u>Indicate Corresponding page ref. of unpriced bid or Comments if any</u>
	etc. of the OIL's inspection team. The Inspection cum Acceptance process would include the following minimum steps/tasks but not limited to -			
<b><u>11(a)</u></b>	i) Physical verification / inspection of all the items / fittings / accessories including all Parts Catalogue, Maintenance & Service Manuals, Final Chassis Built Up/winch Record documents, etc. The supplier shall arrange driver/operator, weighing facility and any other infrastructure during the process of inspection as and when required.			
<b><u>11(a)</u></b>	ii) Functional & load testing of the winch.			
<b><u>11(a)</u></b>	iii) Supplier shall have to take note of any minor modification/s for operational requirement suggested by the inspector and comply with the same at no extra cost.			
<b><u>11(a)</u></b>	iv) The inspection report shall be prepared at the end of the inspection and jointly signed by both the parties.			
<b><u>11(a)</u></b>	v) Supplier shall confirm in writing compliance of all the points raised in the inspection report as well as any other subsequent additions/changes, following deliberation with the inspector after arrival at Duliajan.			
<b><u>11(a)</u></b>	vi) Supplier shall dispatch only on receipt of OIL's dispatch advice.			
<b><u>11(b)</u></b>	<b>b) Joint Inspection on arrival of Materials:</b>			
<b><u>11(b)</u></b>	I. After Receipt of Equipments, the supplier will send representative/ Service Engineer for refilling of engine Oil, Gear Oil and fuel & carry out functionality test of equipments before deployment for field operation. On receipt of the equipments by OIL, the supplier will be intimated to			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Bidder's Response</u>	<u>Compliance by Bidder</u>	
			<u>Indicate Complied or Deviation if any</u>	<u>Indicate Corresponding page ref. of unpriced bid or Comments if any</u>
	depute their representative/Service engineer. The supplier shall depute their representative/ service Engineer within 20 days after receipt of official intimation.			
<b><u>11(b)</u></b>	II. The representative/Service Engineer shall have to provide practical demonstration to operating personnel of OIL regarding safe operating procedure & maintenance of equipments.			
<b><u>12</u></b>	<b>12) Commissioning &amp; Performance Guarantee:</b>			
	i) It is supplier's responsibility to commission the unit at OIL Premises at Duliajan. On receipt of the unit at site, OIL will intimate the supplier to depute their representative(s) for commissioning of the unit at worksite. During the course of commissioning, if any problem is encountered, the supplier must arrange to rectify the same within one month time without any extra cost to OIL. OIL's observation and report in this regard will be final. Bidder to confirm the same in the technical Bid.			
	ii) The offer for commissioning cost shall be complete including the cost of to and fro charges, food & lodging and daily charges of commissioning personnel. Bidder to confirm the same in the technical Bid.			

<u>NIT clause no</u>	<u>Technical specification as per NIT</u>	<u>Bidder's Response</u>	<u>Compliance by Bidder</u>	
			<u>Indicate Complied or Deviation if any</u>	<u>Indicate Corresponding page ref. of unpriced bid or Comments if any</u>
	iii) The supplier is to provide performance guarantee of the entire unit for a period of one year effective from commissioning date of the same. Bidder to confirm the same in the technical Bid .			
	iv) The Bidder shall provide an undertaking to accept the Commissioning & Performance Guarantee clause along with the offer. Bidder to confirm the same in the technical Bid .			

## ANNEXURE – VI

<b>TECHNICAL EVALUATION MATRIX (TO BE FILLED IN BY BIDDER DULY SIGNED)</b>			
<b>BID EVALUATION CRITERIA</b>			
<b>Clause Number</b>	<b>DESCRIPTION</b>	<b>BIDDER'S RESPONSE</b> (Complied / Not Complied/Deviation / Not Applicable)	<b>TO BE FILLED BY THE BIDDER</b>  <b>Relevant Location of their Bid to support the remarks/compliance</b>  (Reference of Document name /

			Serial number / Page number of bid for documentary evidence)
1.	<p>In addition to BRC/BEC criteria vide SECTION - 'D' of General Terms and Conditions for Global Tender (MM/ GLOBAL/E-01/2005), the following clause will be applicable against this tender.</p> <p>The bids shall conform to the specifications, terms and conditions given in the tender. Bids shall be rejected in case the item(s) offered do not conform to technical specifications and to the respective international / national standards wherever stipulated.</p> <p>Notwithstanding the general conformity of the bids to the stipulated specifications, and terms &amp; 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. All the documents related to BRC must be submitted along with the technical bid.</p>		
A)	<b><u>BID REJECTION CRITERIA :</u></b>		
A.1	<b>TECHNICAL:</b>		
1.0	<b>Qualification Criteria:</b>		
1.1	The bidder shall be an Original Equipment Manufacturer (OEM) of Tender item, or shall be an authorized agent / dealer / distributor / supply house of an Original Equipment Manufacturer of tender item.		
1.2	In case the bidder is quoting as authorized agent / dealer / distributor / supply house, copy of valid authorization letter / dealership certificate with warranty/ guarantee back up on the quoted product from the Original Equipment Manufacturer (the principal) shall be submitted along with the technical bid.		

2.0	<b>Experience criteria:</b>		
2.1	In case the bidder is an Original Equipment Manufacturer (OEM) of tender item.		
2.1.1	<p>The bidder (as OEM) shall have experience of successful execution of order(s)/contract(s) for minimum 50% of tender quantity of any one or in combination of the following items in last 5 years proceeding to the Bid closing date of the tender, to any E&amp;P company or service provider to an E&amp;P company, either by themselves or through their agent / dealer / distributor / supply house-</p> <p>a) Skid mounted Slick line winch b) Trailer mounted slick line winch. c) Truck mounted slick line winch</p>		
2.2	In case the bidder is an authorized agent /dealer /distributor /supply house:		
2.2.1	The OEM (principal) shall fulfil the experience criteria mentioned in clause 2.1.1 mentioned above.		
2.2.2	Additionally, the bidder himself (as authorised agent/dealer/distributor/Supply house) shall have experience of successful execution of past supply for minimum 50% of any one of the items as mentioned in point 2.1.1 above, in last 05 years from the original bid closing date of the tender, supplied to any E&P company or service provider to an E&P Company, either from the same OEM (principal) or from any other OEM.		
2.3	The bidder shall submit documents in support of previous supply experience of the principal (OEM) and himself, as applicable under clause 2.1.1, 2.2.1 & 2.2.2 as follows:		



	<p>(i) Copy (ies) of Purchase Order(s) / contract(s) and</p> <p>(ii) Any one or combination of the following documents that confirms the satisfactory execution of each of those Purchase Order(s) / contract(s)</p> <p>a) Completion report / performance certificate from the clients,  b) Bill of lading, Invoice etc.  c) Consignee receipt delivery challan  d) Central Excise Gate Pass/Tax Invoices  e) Commercial Invoice/Payment Invoice</p>		
3.0	<p>The tendered item shall be supplied as per delivery schedule described below:</p> <p>a) Within 10 months from the date of issue of PO (for indigenous bidder)/ opening of LC (for foreign bidders).</p> <p>The bidder shall categorically confirm the same in their technical bid.</p>		
<b>A.2</b>	<b>FINANCIAL CRITERIA:</b>		
1.0	<p><b><u>Annual Turnover:</u></b> The bidder shall have an annual financial turnover of minimum <b>US\$ 9,34,182.00 or Rs.607.21 Lakhs</b> during any of the preceding 03 (three) financial years reckoned from the original bid closing date of the tender.</p>		
2.0	<p>"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 2016-17).</p>		

3.0	<p>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 2016 (As the case may be) has actually not been audited so far'.</p> <p>Note:</p> <p>c) For proof of Annual Turnover &amp; Net worth any one of the following document must be submitted along with the bid:-</p> <p>i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover &amp; Net worth as per format prescribed in <u>ANNEXURE IV</u>.</p> <p>OR</p> <p>ii) Audited Balance Sheet along with Profit &amp; Loss account. In case of Foreign bidders, self-attested/digitally signed printed published accounts are also acceptable</p> <p>d) 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.</p>		
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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\$.		
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