

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

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Tender No. & Date : SDG7633P16/08 of 24.06.2015

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : As mentioned in the Basic Data of the tender in OIL's e-

portal.

Bid Opening on : As mentioned in the Basic Data of the tender in OIL's e-

portal.

Bid Validity : Bid should be valid for 180 days from bid closing date.

Bid Bond Validity : Bid Bond should be valid up to 01/09/2016.

(Bid bond format has been changed. Please submit bid bond

as per revised format)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No. / Mat. Code	Material Description		UOM
1.	Supply, Installation and Commissioning of Minimum 40 MT payload capacity, 6x6 drive, brand new "Self Loading Oilfield Winch Truck" as per the details mentioned in the following Annexures:	02	Nos.
	a) Detailed specification- Annexure -A.b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria- Annexure-B.		

Special Notes:

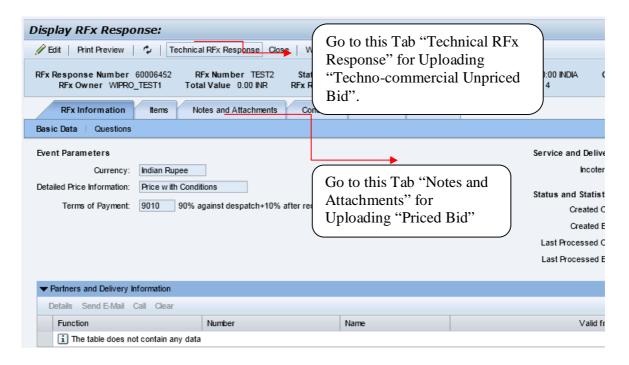
1.0 The tender will be governed by "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005-July'12 for E-procurement (ICB Tenders) including Amendments & Addendum to "General Terms & Conditions" for e-Procurement.

2.0 Technical Check list and Commercial Check list are furnished. Please ensure that both the check lists are properly filled up and uploaded along with Technical bid.

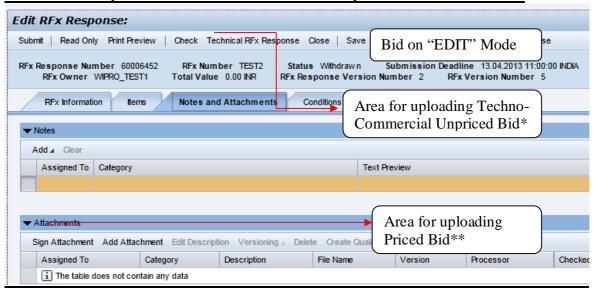
- 3.0 The item qualifies for Nil Customs Duty / Deemed Export benefits. For Deemed Export benefits, please refer Addendum to the General terms and conditions for Global tender.
- 4.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with tender no. and due date to The **Head- Materials, Materials Department, Oil India Limited, Duliajan-786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.
 - a) Original Bid Security.
 - b) <u>Detailed Catalogue and any other document which have been specified to be submitted in original.</u>
- 5.0 In case of SINGLE STAGE-TWO BID SYSTEM, bidders shall prepare the "Techno-commercial Unpriced Bid" and "Priced Bid" separately and shall upload 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".

A screen shot in this regard is given below.

Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.



On "EDIT" Mode- The following screen will appear. Bidders are advised to Upload "Techno-Commercial Unpriced Bid" and "Priced Bid" in the places as indicated above:



Note:

- * The "Techno-Commercial Unpriced Bid" shall contain all techno-commercial details **except the prices**.
- ** The "Price bid" must contain the price schedule and the bidder's commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Atachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and clock on OK to save the File.
- 6.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.
- 7.0 The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure VI 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 declined to submit Integrity Pact with the offer, their bid shall be rejected straightway".

OIL's Independent External Monitors at present are as under:

- (I) SHRI RAGHAW SHARAN PANDEY, IAS (Retd),
- (II) SHRI RAJIV MATHUR, IPS(Retd)

Their e-mail ids are furnished in OIL's website, www.oil-india.com

8.0 Pre –Bid Conference:

- (A) A Pre-Bid Conference with the Parties will be held at **Kolkata** (**India**) on 4th **August'2015** to discuss on the technical specifications and other terms and conditions of the tender. All the Parties who purchase the Tender Document within the closing date of sale of the tender, will be eligible to attend the Pre-Bid Conference. The exact venue and time of the Pre-Bid conference will be intimated to the Parties at a later date.
- (B) Clarification on the technical specifications and other terms & conditions shall be provided to the parties during the Pre-bid Conference. Parties should come fully prepared to the Pre-bid Conference and submit their queries to OIL in the Pre-bid Conference for clarification. More than two persons will not be allowed from each party and they should depute representatives who are competent enough and authorized to take spot decision. The set of queries may also be sent to OIL latest by 01/08/2015 (up to 11:00 AM) for study by OIL.
- (C) Any changes in the technical specifications and other terms & conditions arising out of discussion in the Pre-bid Conference shall also form part of the tender document.
- (D) Parties, immediately after the purchase of the Tender documents, shall inform OIL at the following address about their participation in the Pre-Bid Conference with details of the persons to enable OIL to make arrangement for the Pre-Bid Conference.

HEAD – MATERIALS OIL INDIA LIMITED P.O DULIAJAN, PIN – 786 602 DIST. DIBRUGARH (ASSAM) INDIA FAX NO.: +91 - 374 – 2800533

E-Mail: matdmmfd@oilindia.in materials@oilindia.in

ANNEXURE- A (Tender No. SDG7633P16/08)

Technical Specifications

Minimum 40 MT payload capacity, 6x6 drive, brand new "Self Loading Oilfield Winch Truck" as per detailed specifications given below:

The "Self Loading Oilfield Winch Trucks" should be capable of working in cold, hot & humid climate in slushy and underfoot condition in OIL FIELD AREAS having heavy rainfall, for both off-road and on-road applications, mostly in Dibrugarh & Tinsukia districts of ASSAM, INDIA. The Oilfield trucks shall be used primarily for pulling, self loading/unloading & transportation of heavy "skid mounted" rig-equipment / machinery and other equipment/materials etc. of drilling-rig and production set-up, in addition to haulage operation. Gin pole for the truck is not required.

The climate in our operating area is given below:

a) Ambient temperature : Minimum = 07 degree C

Maximum = 40 degree C

b) Altitude of our operating areas : 123 Mtr. - 150 Mtr.

c) Humidity : 85% - 100% during July - August

d) Rainfall : 180 - 250 cm during April - October

Less than 4 cm during Nov - March

SPECIFICATIONS:

1) **Drive** : 6 x 6, Right Hand Drive. **(Semi Forward Control –SFC)**

2) **Payload** : Minimum 40,000 kg.

3) **Wheel Base** : Should be about 7500 mm.

4) **Wheel Track** : Should be about 2500 mm (Approx.) and overall width of the track should not

exceed 3000 mm.

5) MINIMUM TURNING CIRCLE RADIUS: The trucks will be extensively used in the Oilfield areas and for easy maneuverability it is desirable that the "Minimum Turning Circle Radius" (MTCR) of the truck should be as minimum as possible and preferably the same should not be more than 18.0 Mtrs. The bidder should clearly indicate the "Minimum Turning Circle Radius" (MTCR) in their bid.

- 6) <u>CHASSIS</u>: Specially designed & robustly built heavy duty chassis of adequate strength meeting the operating conditions as mentioned above. The chassis should meet the special requirement of "Self Loading Oil field winch truck" to withstand shock & jerk loads. It should be capable of carrying heavy unevenly distributed loads up to rated capacity as mentioned above. The chassis should be strong enough to use for frequent dragging of loads of rated capacity (minimum 40MT). Technical details of chassis frame are to be indicated in the bid.
- 7) **SPEED OF THE TRUCK**: The maximum speed of the truck preferably should not be less than 55 KM per hour.
- 8) **OVERALL DIMENSION**: Overall dimensions of the truck should meet the following:

Width: About 3000 mm.

Length: The overall length of the vehicle should be preferably about 11500 mm.

Height: The height of the cabin should not exceed 3700 mm. (this is without beacon light, air

intake and exhaust pipe)

- 9) GROSS VEHICLE & UNLADEN WEIGHT: As per design. It should be suitable for pulling / self loading /off-loading of "heavy oil field equipment/ machines" weighing minimum 40 MT & should withstand impacts/ shocks during execution of the jobs. The GVW and unladen weight should be clearly indicated in the bid.
- 10) **GROUND CLEARANCE**: It is desirable that the Oilfield Trucks offered have Maximum possible ground clearance without affecting stability of truck. The bidders should categorically indicate the ground clearance of the trucks offered. It is desired to have a ground clearance of about 300 mm.
- 11) **ENGINE & ENGINE ACCESSORIES**: The truck must be fitted with suitable water cooled, turbo-charged Diesel engine (preferably either Caterpillar or Cummins make) developing power in the range **350-450 HP** at rated RPM. Engine radiator should be tropically pressurized. **Air Cooled Engines will not be acceptable**. Relevant technical leaflet showing make/model and other technical details including speed-torque graph of the engine should be enclosed with the offer. With regard to engine accessories, the offer should meet the following requirements:
- i) The Engine Exhaust pipe is to be designed properly and located behind the driver's cabin. The height of exhaust pipe shall project above the top of the cabin to enable smoke go upwards thereby the working personnel (nearby the truck) are not affected during pulling, loading / unloading etc. of truck operation.
- ii) Exhaust pipe shall be designed properly such that the smoke coming out from the exhaust do not enter the driver's cabin.
- iii) The exhaust pipe should be suitably wrapped with Non-conducting material and enclosed in a cage.
- iv) Air compressor of adequate capacity shall be provided for smooth operation of all pneumatic subsystems. Technical details of the compressor are to be enclosed.

- v) The engine offered in the Oilfield truck should comply with BS-III/EURO III or equivalent emission standard as applicable in the state of Assam in India at the time of delivery.
- STEERING: Hydraulically assisted right hand drive steering system must be provided. i.e. the steering wheel should be located on the right hand side of the cabin when the driver is in the driver's seat. Left hand drive steering will not be acceptable. The front axle should have preferably provision for two mounting points for steering power cylinder instead of single mounting point. The other mounting point will be used when the original mounting is damaged over the period of time. Relevant technical details indicating steering pump drive and make/model of steering pump should be indicated in the bid. Technical leaflet of steering pump should be provided.
- 13) TRANSMISSION: Suitable Allison make fully automatic Transmission of 4700 series with minimum 6 forward and 1 reverse speed should be provided. The offered Transmission should match with the maximum output torque of the engine. The Gear selector/shifter of the Allison should be left hand control lever selector type (Pushbutton type selector is not preferred). The lever should be conveniently located for easy operation by the operator. Technical leaflet of the transmission is to be provided with the bid.
- TRANSFER CASE & PROPELLER SHAFTS: Suitable transfer case, matching the Transmission and capable of transmitting desired torque to all the axles & winch should be provided. Drive to the front axle must be dis-engageable type. The bidder should confirm that input torque rating of the transfer case will be sufficient to match the maximum output torque of transmission. The unit should have provision for towing the truck without disconnecting the propeller shaft coming from the transmission. Relevant technical details showing torque rating of the transfer box and also manufacturer's technical leaflet in respect of transfer case / propeller shafts should be furnished along with the bid.
- AXLES (FRONT & REAR): We prefer to have compatible axles of adequate capacity meeting the design requirement of make DANA/ MERITOR/ SISU/ ROCKWELL/ ZF/ YORK/ KESSLER / EATON/ CLARK/Axle Tech. The axles should be designed suitably to absorb the shock loads during pulling, loading & offloading operation. Capacity /make /model of individual axles (both Front & Rear) supported by technical leaflet of the axle manufacturer should be forwarded along with the bid. Further the axles should meet the following:
 - i) Tandem rear axles should be provided with inter axle differential locking arrangement. The capacity of the rear tandem axle should be clearly indicated. The leaflet of offered rear tandem axle should be provided in the bid.
 - ii) In addition to inter axle locks, the offered tandem axles should have cross differential locking arrangement on front & rear axles.
 - iii) Control lever for operating the inter axle locks and also cross differential lock should be provided inside driver's cabin with easy access.
 - iv) Load distribution on individual axle(s) is to be indicated/provided (considering the maximum payload) in the bid.

SUSPENSION: FRONT: Robust heavy duty Spring Suspension suitable for operation in oilfields and capable of taking shock loads during self loading / unloading of heavy loads up to rated capacity.
Details of suspension along with relevant technical leaflets should be submitted along with the offer. Rubber/Air/hydraulic suspension will not be accepted.

<u>Rear</u>: - Suitable Walking Beam type suspension designed especially for Oil Field Truck (not ordinary haulage truck used in oil fields) of adequate capacity should be provided. To prevent load transfer due to lateral movement of the axles during turning, we prefer to have cross tube that passes through the inner portion of the beam centre of the bushing. Bidders are requested to provide the detailed technical information with drawing along with the bid. **Rubber / hydraulic / Air suspension will not be accepted.**

17) WHEELS, TYRES & TUBES: The truck should be fitted with suitable heavy duty disc wheel rim complete with pneumatic nylon tube type tyres of size preferably 14.00 R 24 (385/95 R 24), having adequate ply rating to carry the rated load. Super single tyres are not acceptable. We prefer to have tyres fitted with tube. Single wheels on front axles and dual wheels on rear axles on each side should be provided. Bidder should categorically check and confirm that the tyres offered will have sufficient load carrying capacity to match the rated pay load capacity of the truck. Technical details of wheel rim and tyres should be submitted along with the offer. The wheels/tyres offered on the truck must have inter-changeability between front & rear axles.

No. of wheels - 2 Nos in the front axles.

8 Nos in the rear axles.

2 Nos. Spare Wheel.

- 18) **FRONT BUMPER & BUSH GUARD**: Heavy duty tubular oil- field front bumper preferably of 200 mm dia. with tubular bush guard and two towing eyes must be provided. A heavy duty towing hook must be provided. The front bumper is suitably designed complete with filling/drain plug to carry water.
- 19) **REAR TOWING ATTACHMENT:** Suitable heavy duty clevis pin type towing hook capable of pulling/towing a load of 50 MT from slushy areas in oil field.
- 20) **FUEL TANK**: 2 Nos. fuel tanks having minimum capacity of 300 ltrs.each mounted on two sides of the chassis should be provided. Both the fuel tanks should be fitted with fuel gauge and lockable type (with key) caps. Both the tanks should be interconnected & suitable valve should be fitted in the interconnection to isolate the secondary tank.
- 21) **BRAKE**: The brake system should be completed with the following:
 - i) Hand operated parking/emergency brake.
 - ii) Emergency brake should be provided on rear wheels. Apart from manual control, such emergency brake should be operated automatically in case of failure of air system.
 - iii) Only drum and shoe brakes with S- cam/Z cam mechanism with automatic slack adjuster is acceptable for rear wheels. **Wedge type brakes are not acceptable**. Also we prefer to have

- the same S-cam /Z cam type brake system for the front. The automatic slack adjuster should have provision for manual adjustment.
- iv) All Parking/ Emergency Brake Servos shall have **manual release mechanism** (Screw Type) to release the brake manually in case of low/ no air pressure.
- v) The brake system should have suitable warning system in case of low air pressure.
- vi) The capacity of air reservoir & quantity of air reservoir tanks should be adequate enough to supply sufficient quantity of air at desired pressure for brakes and other pneumatic control system operating at the same time. Separate air reservoir tank for winch operation is desired.
- vii) Suitable AIR DRYER (removable filter type) with auto unloading facility should be provided.
- 22) **ELECTRICAL**: The trucks should be provided with the following:
 - i) 24 Volt starting, charging and lighting system.
 - ii) Suitable design electrical system for operating in hazardous oilfield areas should be provided.
 - iii) All standard lights including Head lights, fog lights, side lights, amber beacon light, parking lights, indicator lights, reversing lights, marker lights, hazard indicating lights, flasher lights etc. should be provided and such lights should be suitably positioned. **Necessary removable protective guards should be provided to prevent damage of the lights.**
 - iv) Minimum two numbers search lights (with necessary protection guards against damage) should be provided behind the driver's cabin for illuminating rear portion of the truck for working at night.
 - v) Suitable hazard indicating light & marker lights should be provided on the cabin roof and also at the front and rear end of the truck for facilitating movement on roads during the night time.
 - vi) Compatible batteries are to be provided and the construction of battery box should be robust enough for rigid mounting of batteries.
 - vii) A **Central Master Switch** should be provided in the driver's cabin to disconnect the entire electrical system as and when required.
- 23) <u>SPEEDOMETER & GAUGES</u>: Standard gauges, marked in metric system, such as Odometer / Speedometer(in KM marking) low air pressure warning buzzer, engine hour meter, engine tachometer, air pressure gauges, Voltmeter, engine and gear box oil pressure gauges, engine and transmission oil temperature gauges etc. should be provided in the dash board of the driver's cabin.
- 24) **DRIVER'S CABIN**: Robustly built and ergonomically designed driver's cabin should be provided.

The cabin should be suitably mounted to avoid damage during self loading / unloading of heavy loads. The cabin should be of **pressed steel construction** with thermal insulated roof. Amongst others it should be completed with the following:

- i) Suitable manually adjustable "roof hatch" for flow of air into the cabin whenever required.
- ii) **Flat type laminated windscreen is desirable**. Two speed windscreen wipers incorporated washers and intermittent wipe.
- iii) Adjustable type comfortable driver's seat with additional bench type seat for at least two / three co-workers.
- iv) The engine bonnet should be robustly built and rigidly mounted to suit the operation of the vehicle in oilfields under arduous condition. The cabin should have hinged doors on either side. Suitable handle on both sides of the cabin for easy boarding.
- v) The interior of the cabin should be suitably upholstered and floor should be covered with rubber/synthetic mattress.
- vi) All controls of the vehicle including (a) Gear shifter (as applicable) (b) PTO lever (c) winch controls, etc. should be conveniently located on the left hand side of the driver's seat / on the dashboard with easy access and operation.
- vii) All warning, indicating lights, gauges, Meters etc., should be positioned on dash board in front of driver's cabin for easy visibility. These gauges, meters etc. should be marked in metric system.
- viii) Various accessories e.g. electric fan (2- Nos.) with protection cage in suitable place, fixed windscreens, lockable windows, windscreen wipers, sun-visors, twin rear view mirror etc. should be provided in the driver's cabin.
- ix) A sliding (horizontal) type glass peeping window of suitable size should be provided on the rear side of driver's cabin to enable the driver to see the winch operation and guide the swampers/helpers, while sitting and operating from the driver's Cabin.
- x) Suitable and adequate capacity fire extinguisher and first aid box should be provided in the driver's cabin.
- xi) Handle for hand grip, footsteps and door handles etc. should be provided on both sides of driver's cabin and such accessories should be suitably located for easy access in to the driver's cabin.
- xii) 2 (Two) Nos. amber rotating beacon light should be provided on the roof top.

25) **TOOLS BOX AND EQUIPMENT**:

(i) 2 (Two) Nos. steel boxes (one on each side of the truck) of dimension Length-125cm, width -75cm, Height-54cm, (approx.) under the Platform body/bed for keeping slings, tools & tackles, stanchions, wooden block, crow-bar etc. should be provided.

- ii) 2 (Two Nos.) 50 MT capacity Hydraulic bottle jack of reputed make with levers; 01 (one) No. heavy duty grease gun; 02 (Two) Nos. Wheel wrenches; standard tool kit; etc. should be supplied along with **each truck**. The bidder should submit a list of tools offered along with their bid/offer.
- 26) <u>SPARE-WHEEL CARRIER</u>: A spare wheel carrier should be provided. A suitable device preferably mechanical means should be provided for handling (lifting & lowering) of the spare wheel. It may be noted that we asked for 2 Nos. spare-wheel assy. with each truck. Only one carrier is required. No carrier is required for the other spare-wheel.
- 27) <u>WINCH</u>: A suitable winch (preferably mechanical), properly mounted (as per standard practice) behind the driver's cabin for self loading/offloading skid mounted equipment should be provided. The winch should have a minimum capacity of single rope pull of 45,500 kg (1, 00, 000 lbs) on first layer. The make & model of the winch should be categorically indicated in the bid. We prefer to have ITAG /TULSA /BRADEN /DARLINGTON make mechanical winches for the unit. The technical leaflet of the offered winch should be submitted along with the bid. Also the winch mounting details on the truck should be provided. The winch should meet the following criterion.
 - i) The (winch) mount must be flat to ensure proper alignment between the gear box side, drum and the clutch.
 - ii) The winch should be mounted perpendicular to an imaginary line from the center of the cable drum to the first sheave or load to ensure proper fleet angle and even cable spooling.
 - iii) The winch mount should be securely mounted to the vehicle frame in a manner acceptable to the vehicle manufacturer.
 - iv) Minimum 60.0 meter long and of 30.0 mm. dia. winch steel wire rope of adequate capacity should be provided. The detailed specification of winch rope should be furnished along with the offer.
 - v) The winch line should be provided with compatible tail chain and hook (tested as per EN1677 standard or equivalent) at the end. The length and other dimensional/technical details and load carrying capacity of the tail chain/hook should be furnished along with the offer.
 - vi) The winch, preferably mechanical, should be provided with an automatic brake. The Winch brake should be capable of holding the rated capacity load at any position while loading/offloading. The details of winch brake and its mechanism should be furnished along with the offer.
 - vii) The winch actuation control should be preferably of lever type (instead of button type) and the lever must be conveniently located in the driver's cabin for easy operation of the winch by the driver/operator.
 - viii) The bidder should furnish all the relevant technical details of the winch drive system both forward & reverse directions. A suitable device in the winch drive system for protection of

- the winch against overloading is desired. In such case the technical details of overload protection be clearly indicated in the bid.
- ix) Repair kit for the winch drive system and winch brake should be supplied. Incase of hydraulic winches, hydraulic pump repair kit and one set of additional hydraulic hoses should be supplied with each truck.
- 28) <u>POWER TAKE OFF</u>: If the design of the truck demands, a suitable full torque PTO (power take off) should be provided for driving the winch. The make and model of the PTO with capacity rating should be indicated in the offer. **The technical brochure of PTO should be enclosed.**
- 29) **GRADEABILITY**: The offered "Self loading OIL FIELD WINCH TRUCK" should have gradeability not less than 30%. The gradeability of the offered truck should be clearly indicated in the bid.
- 30) HEADACHE RACK: Heavy duty tubular standard headache rack applicable for "SELF LOADING OIL FIELDWINCH TRUCK" must be provided over winch with a heavy duty storage tray for keeping slings, crow-bar, tools, tackles etc. The details are to be indicated in the bid
- 31) OILFIELD PLATFORM BODY/BED: The overall width of oilfield Platform body/bed, behind the winch shall not exceed 3.00 meters. The length of the oilfield platform body behind the driver's cabin will be approximately 6.5 meters. The oilfield body/bed should meet the following:
 - i) Oilfield body/ bed/ platform and allied equipment are to be built / mounted onto the chassis properly and robustly by adhering to the standard guidelines. In this regard, the "guidelines for body mounts" published by the "NATIONAL TRUCK EQUIPMENT ASSOCIATION" USA, may please be referred to. The mounting details of body / bed / platform on the chassis should be clearly indicated in the bid.
 - ii) The whole platform body /bed should be made of 60 mm thick tropicalised very good quality hard timber and 2/3rd of the body/platform length from the rear should be decked with plain steel sheet of minimum 8 mm thickness.
 - iii) Adequate quantity of side sockets of about 60 mm dia. must be provided, throughout the length of the platform on both sides. Adequate quantity of steel pipe stanchion of about 50 cm length & 60 mm dia. They should have suitable collar for standing on the holes to a height of 30 cm to place in these sockets.
 - iv) Bolster pin socket of about 60 mm dia. must be provided on the centre line of the rear bogie. Two nos. suitable bolster pins and two nos. snatch blocks (preferably Yoke, Crosby or equivalent make & are designed with a safety factor 4:1) are to be supplied along with each truck. Additional suitable lashing ring for lashing chains should be provided at suitable intervals by the side of platform body on both sides.
 - v) Platform height should be as low as possible. In any case, the truck platform/bed height should preferably not exceed 1750 mm. from the ground level.

- vi) Suitable tail roller at the rear end of the platform with OD of approx. 250mm & wall thickness of minimum 20mm should be provided. Adequate number of supporting skirt rollers should be provided.
- vii) The tail roller should be at least 15 mm higher than the level of the loading platform to facilitate self loading and offloading.
- viii) Both ends of the tail roller must be provided with removable bolt type arrangement for replacing bearings and should have grease points at the roller ends & also for the supporting rollers.
- skid Guide Plate: Suitable full width guide plate of minimum 20 mm thickness plate should be provided below the tail roller at the rear end of the platform body/bed properly & robustly supported on the chassis. The guide plate should be so designed that it guides/ directs smooth loading & offloading of skids (mounted with equipment). Suitable opening on the guide plate should be provided for cleaning & lubricating the supporting rollers, Trailer brake coupling, Electrical connection etc. Necessary diagram illustrating the above including the mounting on the chassis is to be provided along with the bid.
- x) The Centre of Gravity (CG) line of the vehicle should be permanently and prominently marked both sides of the oilfield body/bed by embossing it properly.
- xi) Two sets (each consisting of 3 pieces) load binding chain with compatible "eye type of grab hook" and 6 Nos. suitable ratchet type load binders, as detailed below should be provided:
 - a). Length of Load-Binding Chain: 8 (eight) to 10(ten) mts of grade 80.
 - b). Thickness / diameter of chain link:13 mm(1/2" inch)
 - c). Eye type grab hook should be compatible /suitable for the offered load-binding chain.
 - d). Offered ratchet type load binder should be suitable for the offered load-binding chain.
 - e). Test certificate for the above should be as per latest EN 1677 or equivalent standard.
 - f). Make: preferably Crosby / Yoke or equivalent reputed make. Bidder must provide detailed technical leaflet of the chain, hook & ratchet type binder along with the bid.
- xii) Suitable inbuilt tyre inflator should be provided in the pneumatic system. Additionally 12 mtrs length hose with connector, regulator, air pressure gauge etc. shall be provided along with each unit (each truck).
- xiii) Additional foot steps & grab handle behind the driver's cabin should be provided for getting onto the platform body/bed. Also the space near by the winch should be suitably covered by 6 mm thick chequered plate for enabling easy movement of personnel. There should be no gap between winch and platform body/bed.
- xiv) **Side Under-run Protection Device (SUPD)** should be provided at suitable places on both sides of the body /bed to prevent other road users from entering into the bottom of the truck when it is in motion.

- 32) **EXTRA EQUIPMENT, ACCESSORIES, COMMISSIONG & TOOLS**: The following additional equipment/ accessories /tools should be supplied along with **each truck**.
 - i) Two Nos. spare wheels (1 no. kept on the vehicle & second separately provided along with the spares) complete with rim, tyre and tube for each truck.
 - ii) Two Nos. additional wheel rims along with each vehicle. (Spare wheels mentioned elsewhere in the tender should not be counted).
 - iii) Four Nos. of suitable taper wedge blocks (stoppers) to prevent unwanted slipping of the vehicle.
 - iv) Other tools, tackles, accessories etc.,
 - 2 Nos. snatch blocks & 2 Nos. bolster pin.
 - 2 Nos. tail chain hooks.
 - Tool Kit for Driver.
 - 1 No. fire extinguisher- 3 kg
 - First Aid Kit.
- 33) <u>SAFETY ACCESSORIES & REVERSE SIGNAL ALARM</u>: The trucks must be fitted with all standard safety accessories and gadgets including a "reverse signal alarm" that is automatically activated when reverse gear is selected. Alarms which vary the output in response to changes in the surrounding noise level, i.e. self-adjusting type alarms (e.g "Smart Alarm"), are preferred. The alarm must be clearly audible and distinguishable above the noise level of the truck and the surroundings.

34) SPARES & TOOLS FOR MINIMUM 40 MT OIL FIELD WINCH TRUCKS.

(A) The following to be supplied along with each offered minimum 40 MT Oil Field Winch Trucks:

SI.No.	Item Description	Quantity
1	Fuel Filter	6 Nos.
2	Water Separator (if any)	6 Nos.
3	Lub oil filter	2 Nos.
4	Air Cleaner Filter	2 Nos.
5	Air dryer filter	2 Nos.
6	Fan Belt	2 Nos.
7	Alternator belt	2 Nos.
8	Compressor belt	2 Nos.
	Water pump belt	2 Nos.
9	(In case of single serpentine belt, Separate belt against item No 6, 7,	
	8 & 9 is not required)	
10	Engine mounting	2 Nos.
11	Radiator hose	2 Sets.
12	Transmission oil filter	2 Nos.
13	Mounting for Transmission	1 Set.
14	Filter for transfer case oil	2 Sets.
15	Mounting for transfer case	1 Set.
16	Oil seals & O-rings for t/case	2 Sets.
17	PTO actuator repair kit	1 Set.

18	Wheel studs & nuts (front wheel)	2 Sets.
19	Wheel studs & nuts (Rear wheel)	2 Sets.
20	Front Axle stud & nut	2 Sets.
21	Rear axle stud & nut	2 Sets.
22	oil seal for Front wheel	2 Sets.
23	oil seal for Rear Wheel	2 Sets.
24	Bearings for front wheel	2 Sets.
25	Hub bearing for rear wheel	2 Sets.
26	Oil seal set for differential	2 Sets.
27	Filter for differential-if any	2 Nos.
28	UJ cross for the complete drive line	2 Sets.
29	Steering box repair kit	1 No.
30	Steering pump repair kit	2 Sets.
31	Tie rod end (both sides)	2 Sets.
32	Power Cylinder repair kit	2 Sets.
33	Foot valve repair kit	2 Sets.
34	Front brake servo	1 No.
35	Rear brake servo	1 No.
36	Repair kit for major valves of the air-system	1 Set.
37	Winch reversing gearbox repair kit	1 Set.
38	Walking beam suspension Repair kit	2 Sets.
30	Repair kit for winch & control mech.	2 Sets.
40	strainer/filter for Hyd. steering pump	2 Sets.
41	Hose incase of Hydra winch only	2 Sets.
42	Brake Shoes with linings (both front &rear)	1 Set.
43	Transmission Gear Shifter unit	1 No.
44	Wiper Motors-L/H-1 No. &-R/H-1 No.	2 Nos.
45	Wiper blade with arm L/H-2nos-R/H 2nos	4 Nos.
46	Centre Bearing with rubber cushion	1 No.

(B) The following to be supplied as a lot for the offered minimum 40 MT Oil Field Winch Trucks:

(i) Following spares are to be supplied as **a lot**. (not with each truck):

SI.No.	Item Description	Quantity
1	Electrical Starting motor.	2 Nos.
2	Alternator.	2 Nos.
3	Steering hydraulic pump.	1 No.
4	Brake valve.	2 Nos.
5	Power cylinder.	2 Nos
6	Hydraulic pump for winch drive in case of supply of Hydraulic winch.	2 Nos.
7	Engine harness.	1 No.
8	Allission Transmission harness.	1 No.
9	Engine Control Module (ECM) for the engine (properly calibrated to the offered model engine).	1 No.

10	All Sensors for transmission (Allision).	1 Set.
11	All sensors for ECM.	1 Set.
12	Instrument Panel (Dash Board).	2 Nos.
13	Brake drums (Front-2 Nos. & Rear-4 nos.).	6 Nos.

(ii) Only one set of the following Special Maintenance Tools along with the lot:

SI.No.	Item Description	Quantity
1	Tool Storage Metal Box.	1 No.
2	Combination Wrench set suitable for the bolts & nuts used in the truck.	1 Set.
3	C-Wrench set for the bolts & nuts of the vehicle.	1 Set.
4	Strap Wrench for opening.	2 Nos.
5	L- Shaped Ball Hex Wrench set. Suitable for the allen bolt used in the vehicle.	1 Set.
6	Bent needle nose plier.	1 Set.
7	Locking Pliers set.	1 No.
8	Socket set suitable for loosening/ tightening various nuts of the vehicle.	1 Set.
9	Ratchets & adopters.	1 Set.

- 35) **INFORMATION PLATE**: A plate bearing following details (engraved/embossed) shall be fixed at a suitable place on each truck:
 - a. Truck Make:
 - b. Truck Model:
 - c. Year of Manufacture:
 - d. VIN:
 - e. Bed Serial Number:
 - f. Unladen Weight of the Vehicle:
 - g. Maximum allowable Pay load:
 - h. Front axle Capacity:
 - i. Rear Axle Capacity:
 - j. GVW:
 - k. Winch Make & Capacity:
- DRAWING: A detailed drawing, showing all dimensions and location of all components, should be enclosed along with the bid for our scrutiny. Further, after placement of order, the successful bidder must provide detailed technical specifications and general arrangement drawing (based on ordered specification) with dimensions to OIL INDIA LTD for approval before commencement of the production / fabrication of trucks.
- 37) **PAINTING:** Available colour shades should be provided for our selection. We prefer to have DA Grey colour. Also suitable under-coat, should be provided.
- 38) **SHOP MANUAL & PARTS CATALOGUE**: The following items are to be supplied along with **each truck**:

- i) Two sets of Custom built Workshop Manual and Spare Parts Catalogue per truck for all major components like engine, transmission, axles, transfer box, winch system etc. Also lubrication chart, Schematic charts of electrical wiring, hydraulic piping and pneumatic piping in English language.
- ii) Two sets of Driver's/Operator's hand book containing detailed operating instructions of the truck including that of components, loading /unloading instructions, and daily maintenance checks to be carried out etc.
- iii) All the above documents, manuals, circuit diagrams (Electrical, Pneumatic, and Hydraulic) shall be supplied in the form of soft copies on CD/DVD. 1(one) set per truck.
- iv) For engines, transmission, etc., the supplier shall provide applicable diagnostic system which includes Laptop with necessary ports, cables, USB connection, adapter etc.
- 39) <u>DOCUMENTS FOR REGISTRATION OF TRUCKS</u>: The supplier shall submit documents for registering the unit with government authorities i.e. Sale Certificate (Form-21), Road worthiness Certificate (Form-22) etc. The sample copies of forms are enclosed elsewhere in the tender.

40) <u>INSPECTION, TESTING, TRAINING AND ACCEPTANCE:</u>

Notwithstanding any clause/s mentioned elsewhere in this tender document, supplier shall facilitate pre-despatch inspection/ testing of the Oil Field Winch Truck (Complete package) in one lot and training for 3 (Three) OIL's engineers at their works/factory for a period of 15(fifteen) working days. The supplier shall provide testing facility with actual loads. Demonstration of tests shall be the responsibility of the supplier at their cost. Driver/ operator required during inspection is to be arranged by the supplier. Supplier shall communicate the proposed inspection, testing and training schedule to OIL, with confirmed date of inspection at least 75 days in advance. The inspection, testing & acceptance process of each individual unit shall include the following minimum steps/tasks:

- a. Physical verification of all the items, components, 'specifications' etc. as per the purchase order.
- b. Operational & functional testing of different facilities/provisions.
- c. Load testing of each individual truck.
- d. Physical weighing for axle loading verification, as necessary.
- e. Inspection of the Parts Catalogue, Maintenance & Service Manuals, Schematics, etc. and other documents for their compliance to NIT requirements, as applicable.
- f. Verification of all test certificates for assemblies & sub-assemblies of Oil Field Truck.
- g. Any other points as felt necessary / comes up during inspection.
- h. Supplier shall take note of any minor modification/s for operational requirement as well as in hose layout suggested by the inspection team & comply with the same with no extra cost.
- i. The minutes of the inspection process would be prepared at the end of the inspection & jointly signed by both the parties at site.
- j. Supplier shall confirm in writing compliance of all the points raised in the minutes of inspection as well as any other subsequent addition/ deletion following deliberation with the inspection team after arrival at Duliajan.

k. The trucks are to be delivered to OIL, Duliajan, Assam (INDIA) by the supplier only on receipt of OIL's acceptance/despatch advice.

41) TRAINING:

Supplier shall provide operation, maintenance & troubleshooting training at their works/factory covering following topics amongst others:

A. **Operation training:**

- a. Operational aspects & controls, fault code & symptoms.
- b. Safety systems.
- c. Components familiarization.
- d. Working Principle.

B. **Maintenance & troubleshooting training:**

- a. Engine, transmission and transfer case.
- b. Brake & other Pneumatic controls.
- c. Steering & other hydraulic mechanism.
- d. Electrical Systems of the vehicle.
- e. Winch mechanism of the vehicle.

Expenses towards to & fro passage, accommodation, etc. for OIL's engineers shall be borne by OIL. Training charges if any should be quoted separately which shall be **considered for evaluation** of the offer.

In addition to above, commissioning personnel shall impart basic training on operation & maintenance of the Oil Field Trucks to OlL's personnel during commissioning at Duliajan, Assam (India) free of charge. Modalities, duration, shall clearly be indicated in the bid.

42) **COMMISSIONING**:

- i) The self loading Oil Field winch Trucks shall be commissioned by the supplier at Duliajan, Assam, India. Supplier shall depute experienced and competent personnel in operation and maintenance of Oil Field Trucks to OIL at Duliajan for commissioning of the Trucks. Commissioning spares, if any, to be arranged by the supplier.
- ii) Commissioning personnel shall impart basic training on operation & maintenance of the Oil Field Trucks to OlL's personnel during commissioning, free of charge.
- iii) Installation and Commissioning of the self loading Oil Field winch Trucks shall be started within a maximum of 2 weeks from the date of receipt of intimation from OIL regarding receipt of material at site and to be completed in next two (2) months period.
- iv) Installation & Commissioning charges, if any, must be quoted separately on lumpsum basis which shall be **considered for evaluation of the offers**. While quoting Installation &

commissioning charges, bidders should take into account all charges including to & fro fare, boarding / lodging, local transport at site and other daily expenses of the commissioning personnel. OIL may provide accommodation on Chargeable basis subject to availability. Bidder should confirm about providing all these services in the Technical Bid.

v) In the event of the Seller's default in maintaining the agreed Installation and Commissioning schedule set out in the order, the Seller shall be liable to pay consequence (liquidated damage) @ 0.5% per week or part there of the value of the goods as well as Installation & Commissioning charges in respect of which default in Installation and Commissioning schedule takes place subject to a maximum of 10%.

The value of the goods shall be based on the Landed Cost of the materials at Duliajan inclusive of all cost and taxes.

Note - Failure on the part of the bidder to confirm the above will be treated as non-responsive and liable for rejection.

43) **DELIVERY**:

Delivery being the essence of the tender. Notwithstanding any clause/s on delivery mentioned elsewhere in this tender document, bidders are required to quote their best delivery period for OIL's acceptance.

44) **GUARANTEE / WARRANTY**:

Notwithstanding any Guarantee/Warranty clause/s mentioned elsewhere in this tender document, each individual truck shall be under onsite guarantee/warranty by the supplier for a minimum period of 1(One) year from the date of successful commissioning of each individual unit at site at Duliajan (India).

OIL reserves the right to inspect, test and if necessary, reject any part/parts after arrival of the units at site, only if the said rejection is attributed to be the responsibility of the supplier. It shall, in no way be limited or waived by the reason that the units have been inspected, tested and passed by OIL prior to despatch as mentioned above.

In order to keep the trucks fully operational, any item/sub-item failed during the warranty period is to be arranged including their customs clearance, etc. and replaced/repaired the same at site by the supplier or their authorised dealer/agent at their own cost within 1(one) month from the date of failure and warranty for such items shall be extended accordingly.

45) **BID SUBMISSION & DOCUMENTATION**:

- A. Bids shall be submitted in English language only.
- B. Offer must be for full quantity of trucks i.e. 02 (Two) Nos. Minimum 40 MT capacity Self Loading Oil Field Winch Trucks.
- C. Make & Model of the trucks being offered are to be clearly indicated in the bid.

- D. Bidder's response should clearly be defined; all specific details/specifications are to be provided clearly in the bid. Response like As per NIT Specifications/ Technical Leaflet, "Noted", "Accepted" or in any similar fashion is not encouraged. **Submission of technical leaflet/brochure alone is not acceptable**.
- E. Deviation/s from NIT requirements shall be clearly indicated in the bid under separate heading.
- F. Dully filled up Checklist as per prescribed format provided vide enclosed herewith shall be submitted along with the bid. If there is any difference between the main offer (detailed bid and checklists) & catalogue etc., in respect of technical specifications, the data provided in the checklist shall be considered as final.
- G. Bidder should preferably submit familiarisation CD/s of their offered trucks, if available, along with bid.
- H. The supplier has to furnish the recommended list of spares /seal kits/hoses for two years of trouble free service with part number, cost & quantity. **The same shall not be considered for bid evaluation**.
- I. Amongst others, the following documents/literatures must be submitted along with the bid for bid evaluation:
 - i. Technical leaflets/brochures on Engine/s, Transmission, steering, winches, axles, transfer box, Suspension, brakes, etc.
 - ii. Technical information/leaflet/brochure on the winch system.
 - iii. List of tools to be supplied under Standard Tool Kit.
 - iv. List of items that shall be supplied under engine fault diagnostic tool.
 - v. Recommended list of spare parts with price (for reference only; not for bid evaluation) for TWO YEARS of trouble free service with part number, cost & quantity.
 - vi. Any other documents/literatures/drawings mentioned elsewhere in this NIT.
- J. Following shall be provided along with each truck:
 - i. Certificate of origin.
 - ii. Warranty / quarantee certificate.
 - iii. Test certificates for all tools & tackles, accessories, etc.
 - iv. Suitable and applicable Emission compliant certificate of engine(s).
 - v. All manuals & catalogues (books & CDs), schematics, tools, etc. as detailed elsewhere in this NIT.
 - vi. Any other documents/literatures/drawings mentioned elsewhere in this NIT.

46) **IMPORTANT POINTS TO NOTE:**

a. It shall be bidder's endeavor to offer the following items as per makes & models indicated against each item (other suitable makes & models are also however equally acceptable in case of operational and/or design requirements supplemented with proper justification):

Axles - As mentioned elsewhere in this Tender.
Transfer Case- Fabco/ Dana Spicer/ Kesslar/ MAN/Volvo.
Winch (Mechanical): - ITAG/ Bradon/Tulsa/Darlington.

- b. Engine shall be preferably of either Caterpillar or Cummins make. Transmission shall be Allison Automatic transmission of 4700 series.
- c. All offered specifications, features, etc. must clearly be indicated in the bid (in addition to the Checklist) preferably maintaining the same sequence as in this NIT; submission of Technical Leaflet alone is not sufficient. Similarly, bidder's response to technical details, documents, etc. as stipulated should clearly be defined. Response like - "As per NIT Specifications/ Technical Leaflet's, "Noted", "Accepted" or in any similar fashion will not be accepted.
- d. To assist in technical evaluation of the Bid, OIL, at its discretion, may ask the bidder for clarification of the bids. The request for clarification will be in writing and the response shall also be in writing.
- e. The trucks will be used in the OIL FIELD areas in ASSAM State, in INDIA.
- f. Deviation/s from NIT requirements should be clearly indicated in the bid under separate heading. Acceptance/ non acceptance of the deviation shall be at OIL's discretion. Bidders are requested to thoroughly go through the above specification/ condition to avoid any ambiguity at a later stage.

47) **DATA SHEET (CHECK LIST)**:

TO BE SUBMITTED ALONG WITH THE BID:

SI. No	PARAMETERS/REQUIREMENTS	BIDDER'S OFFER (To give details or Yes / No, as applicable)	Remarks, if any.
1	Make & Model of Oil field Truck		
2	Maximum Pay load Capacity.		
3	Drive: 6X6.	Yes/No.	
4	Wheel Base:		
5	Wheel Track:		
6	Turning Circle Radius.		
7	Ground Clearance.		
8	Width of the truck.		
9	Length of the truck.		
10	Engine:		
	a) Make & Model.		
	b) Max. Output Power.		
	c) Max. Output Torque.		
	d) Naturally Aspirated / Turbo Charged.		
	e) Emission Standard.		

11	Steering:		
	a) Right Hand Drive:	Yes/No.	
	b) Power assisted steering:	Yes/No.	
12	Axle Make & Capacity.		
	a) Front:		
	b) Rear:		
13	Axle Weight (load distribution).		
	a) Front Axle		
	b) Rear Axle/s		
	c) GVW		
	d) Unladen Weight		
14	Suspension:		
	a) Make & Model.		
	b) Type: Front.		
	c) Type: Rear.		
15	Transmission.		
	a) Make & Model.		
	b) Automatic or manual.		
16	Transfer Case.		
	a) Make & Model.		
	b) PTO Make & Model.		
17	Brake system: Multi-circuit.	Yes/No.	
18	Brake System- S/ Z -Cam type.	Yes/No.	
19	Gradeability.		
20	Travel Speed.		
21	Wheel & Tyre Size.		
	a) Front:		
	b) Rear:		
22	Spare Wheel (Quantity).		
23	Right Hand Drive (steering on right side of		
	unit.)		
24	Winch Capacity:		
25	Winch Control: Mechanical or Hydraulic		
26	Platform/Bed Dimension (L x W) & Mounting		
	details.		
27	Dimension of the tail roller.		
28	Skid Guide Plate.		
29	Height of the platform from the ground.		
30	Supply of Tools & tackles as per tender.		
31	Supply of spare parts (Ref. para. 34.0 of		
20	Annexure-1).		
32	Deviation List.		
33	Country of origin of "Self Loading Oilfield		
0.4	Winch Truck".		
34	Undertaking as per the format.		

48)	<u>UNDERTAKING</u> : An undertaking, in the following format, has to be provided by the bidder along with the technical bid.
unders	UNDERTAKING It is confirmed that all the terms and conditions stipulated in the e-Tender Enquiry have been fully stood by us and all clarifications & details from OIL INDIA LTD have been obtained.
	Signature Name Designation Date:

49) <u>SAMPLE COPY OF FORM 21 & 22</u> (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).

Cert	fied th	at	
		(Brand name of th	
has I	oeen d	elivered by us to	(date)
		-	
Son	/wife /	daughter	
Addı	ess (Pe		
	(Te		
The	vehicle	is held under agreement o	of hire-purchase/lease/hypothecation with
The	details	of the vehicle are given be	elow:
1.	Clas	s of Vehicle	
2.	Mak	er's name	
3.	Chas	ssis No.	
4.	Engi	ne No.	
5.	Hors	se power or cubic capacity	
6.	Fuel	used	
7.	Nun	nber of cylinders	
8.	Mor	ith and year of manufactu	re
9.	Seat	ing capacity (including driv	/er)
10.	Unla	nden Weight	
11.	Max	imum axle weight & numb	per &
	Desc	cription of tyres (in case of	transport vehicle
	(a)	Front axle	
	(b)	Rear axle	
	(c)	Any other axle	
	(d)	Tandem axle	
12.	Colc	our or colours of the body	
13.	Gros	ss vehicle weight	
1/	Type	of hody	

Signature of the Manufacturer / Dealer or Officer of defence Department

B. Following is a sample copy of Indian Motor Vehicle Act only. The certificate to be issued by supplier shall contain the 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	5)	
Sub-rule Noof rule 115	:	
Emission norms	:	
(Bharat Stage-I/II/III/Bharat (Trem)	Stage-III etc.]	

Signature of Manufacturer

[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.]

SPECIAL NOTES:

1.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.

2.0 **SPARES:**

- 2.1 Commissioning spares: It is the responsibility of the bidder to provide adequate commissioning spares and consumables required during commissioning. The bidder shall furnish detailed list of such commissioning spares and consumables with OEM part numbers, quantity, unit rate, total value etc.
- 2.2 Spares & Tools for Minimum 40 MT Oil Field Winch Trucks. The bidder shall supply all spares & tools as per Para 34.

General Notes for Bidders:

(Bidders should confirm each & every point clearly. <u>Deviations, if any,</u> should be highlighted in the quotation.)

- 1.0 Bidders other than the Original Equipment Manufacturer (OEM), must enclose proper authorization certificate/undertaking with a back up Warranty and Guarantee from the OEM to quote against this tender.
- 2.0 The bidders must submit a written undertaking that they would be able to supply all the requisite spares and consumables (including bought out items) for a minimum period of 15 (fifteen) years from the Certified date of completion / successful field commissioning of the unit. Original Equipment Manufacturer's undertaking must be forwarded for the items not manufactured by the bidder.

3.0 After Sales Service:

The bidder should ensure and clearly stated after sales service during initial commissioning and also subsequently. Confirmation that all spares related to the equipment supplied both regular consumable ones as well as vital/ insurance spares, for the supplied unit quoted shall be available for a period of at least 15 (fifteen) years after delivery should be provided. Bidders should also indicate their nearest authorized service center.

4.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

5.0 Predespatch Inspection and Testing Charges:

The Self Loading Oil Field Winch Trucks shall be inspected by OlL's deputed engineer at manufacturers' works / factory prior to dispatch and as per the scope/clauses mentioned in the NIT. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.

N.B. Charges for carrying out the above tests at the manufacture's facility should be included in the purview of the offer.

Intimation must be sent to OIL at least <u>75 days</u> in advance for inspecting the equipment at manufacturer's premises.

All to & fro air fares boarding & lodging etc. of OIL's Inspection personnel shall be to OIL's account. However, all facilities required for inspection / testing shall be provided by the successful bidder to OIL's Inspection personnel. Inspection / testing charges if any should be quoted separately which shall be **considered for evaluation** of the offer.

6.0 Installation & Commissioning:

The Self Loading Oil Field Winch Trucks shall have to be installed and commissioned at Duliajan, Assam (India) as per the scope/clauses mentioned in the NIT. OIL may provide necessary local transportation for the commissioning personnel to and from site.

Installation & Commissioning charges must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers.

CHECK LIST:

THE CHECK LIST MUST BE COMPLETED AND SUBMITED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE TICK MARK 'YES' OR 'NO' TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

TECHNICAL CHECK LIST

THE FOLLOWING CHECKLIST MUST BE COMPLETED AND SUBMITED WITH THE OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUTED. PLEASE TICK MARK "YES" OR "NO" TO THE FOLLOWING QUESTION, IN THE RIGHT HAND.

1.	Whether quoted as OEM of the Oilfield Truck?	YES/NO	
2.	Whether quoted as authorized dealer/distributor of the Oilfield Truck in India?	YES/NO	
3.	Whether descriptions document of leaflet of Oil Field Truck including chassis frame	YES/NO	
	details enclosed?		
4.	Whether descriptions document of Technical leaflets/brochures of Engine/s enclosed?	YES/NO	
5.	Whether descriptions document of Technical leaflets/brochures on Transmission &	YES/NO	
	Transfer Case enclosed?		
6.	Whether descriptions document of Technical leaflets/brochures of Suspension, Axles/	YES/NO	
	differential etc, enclosed?		
7.	Whether descriptions document of Technical leaflets/brochures of winch, steel rope	YES/NO	
	& tail Chain enclosed?		
8.	Whether descriptions document of List of tools to be supplied under Special Tool Kit	YES/NO	
	enclosed?		
9.	Whether descriptions document of Drawing of Oil Field Truck with complete details	YES/NO	
	enclosed?		
10.	Whether descriptions document of List of items that shall be supplied under engine		
	fault diagnostic tool enclosed?	YES/NO	
11.	Whether descriptions document of 2-years maintenance spares list with price (for		
	future reference only; not for bid evaluation) enclosed?	YES/NO	
12.	Whether The bidder should have the experience of successful execution of supply of	YES/NO	
	at least 10 (ten) nos. of minimum 40 MT payload capacity of "Self Loading Oilfield		
	Winch Trucks" at any time during the last 10 (ten) years preceding to the Bid Closing		
	date of this Tender.		
13.	Whether descriptions document of any other documents, literatures, drawings,	YES/NO	
	requested elsewhere in the tender etc. enclosed?		

Offer referance	
Name of the Bidder	

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

BID REJECTION CRITERIA (BRC)

The bids shall broadly conform to the specifications, terms and conditions given in the NIT. Bids shall be rejected in case the items offered do not conform to the following:

A. TECHNICAL:

1.0 The offer should be for brand new "Self Loading Oilfield winch Trucks" which should be suitable for self-loading / off-loading / pulling / transportation of heavy skid mounted equipment/machineries etc.

2.0 Bidder's Qualification

The bidder shall be an Original Equipment Manufacturer (OEM) of "Self Loading Oilfield Winch Trucks".

OR

The bidder shall be an authorized dealer/distributor of OEM of "Self Loading Oilfield Winch Trucks". The authorization certificate should be valid at the time of submission of bid.

3.0 Bidder's Experience

- 3.1 In case, the bidder is an Original Equipment Manufacturer (OEM) of the offered "Self Loading Oilfield Winch Trucks" the following criteria shall be met by the Bidder:
- 3.1.1 The bidder should have the experience of successful execution of supply of at least 10 (Ten) Nos., in aggregate, of minimum 40 MT payload capacity of "Self Loading Oilfield Winch Trucks" at any time during the last 10 (Ten) years preceding to the Bid Closing date of this Tender. To this effect the Original Equipment Manufacturer (OEM) must give a self declaration that, their company has supplied at least 10 (Ten) Nos., minimum 40 MT payload capacity Self Loading Oilfield Winch Trucks at any time during the last 10 (Ten) years preceding to the Bid Closing date of this tender.
- 3.2 **In case the Bidder is an** authorized dealer/distributor of OEM of "Self Loading Oilfield Winch Trucks", the following criteria shall be met by the Bidder:
- 3.2.1 Bidder shall enclose a Certificate/undertaking in support of authorization of dealership/distributorship with back up Warranty & Guarantee from the "Self Loading Oilfield Winch Trucks" manufacturer (OEM) to quote for this tender. The bid shall be rejected in case of any change of the proposed **OEM** after submission of the bid (excepting merger, takeover of the OEM Company etc.).

- 3.2.2 Bidder shall submit the qualification requirements of Original Equipment Manufacturer (OEM) as stipulated under clauses 3.1.1.
- 3.2.3 Bidder shall give an undertaking from OEM to supply "Self Loading Oilfield Winch Trucks" as per tender/order specifications in the event of placement of order.
- 4.0 Bids and all software must be in English language only.
- 5.0 Incase of foreign make, the offered "SELF LOADING OIL FIELD WINCH TRUCKS" should be manufactured as fully built trucks (with all accessories) by the OEM in the country of origin declared by them in the bid. Assembling the trucks (partly or fully) by the dealer/distributor is not acceptable.
- 6.0 The truck should be of "Right Hand Drive unit" (Steering on right hand side of the unit when viewed from rear). **Left Hand Drive unit will not be acceptable**.
- 7.0 The pay load of the offered "Self loading Oil-field winch Truck" should not be less than 40 MT.
- 8.0 Offer should be complete with supply, commissioning and training.

(B) COMMERCIAL:

- 1.0 Bids are invited under Single Stage Two Bid System. Bidders shall quote accordingly under Single Stage Two Bid System. Bidder to 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 "Priced 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 Bid security of US \$ 28,200.00 or Rs. 18,06,000.00 shall be furnished as a part of the TECHNICAL BID. Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration. For exemption for submission of Bid Security, please refer Clause No. 9.8 (Section A) of General Terms and Conditions for Global Tender. The Bid Security shall be valid up to 01/09/2016. Bid shall be rejected straightway if Bid Security validity is shorter than the validity indicated in Tender and/or Bid Security amount is lesser than the amount indicated in the Tender.
- 3.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of twelve months from the date of commissioning of the complete Trucks at site against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.
- 4.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for one year from the date of successful commissioning of the complete Trucks at site.

- Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
- 5.0 The prices offered will 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.
- 6.0 Validity of the bid shall be minimum 180 days from the Bid Closing date. Bids with lesser validity will be rejected.
- 7.0 Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.
- 8.0 Bidders shall quote directly and not through Agents in India. Offers made by Indian Agents on behalf of their foreign principals will be rejected. Similarly offers from unsolicited bidders will be rejected.
- 9.0 Bids containing incorrect statement will be rejected.
- 10.0 Offers should be submitted 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.
- 11.0 No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.
- 12.0 Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below:

(i) Commercial Bid Format (Summary) for Foreign Bidders:

- (A) Total material cost of 02 Nos. Trucks
- (B) Packing & FOB Charges 02 Nos. Trucks
- (C) Total FOB Port of Shipment value, (A+B) above
- (D) Ocean Freight Charges upto Kolkata, India, of 02 Nos. Trucks
- (E) Insurance Charges of 02 Nos. Trucks
- (F) Total CIF Kolkata value, (C+D+E)
- (G) Installation & Commissioning charges of 02 Nos. Trucks including Service Tax
- (H) Pre-shipment Inspection charges of 02 Nos. Trucks, if any, including Service Tax, if any
- (I) Training to OIL Personnel charges, if any, including Service Tax
- (J) Total Value, (F+G+H+I) above
- (K) Total value in words:
- (L) Gross Weight:
- (M) Gross Volume:

Note: Total material cost for 2(Two) Nos. in (A) shall include cost of Spares and Tools mentioned under Point 34) of Annexure-A.

(ii) <u>Commercial Bid Format (SUMMARY) for Indigenous Bidders:</u>

- (A) Total material cost of 02 Nos. Trucks
- (B) Packing and Forwarding Charges of 02 Nos. Trucks
- (C) Total Ex-works value, (A+B) above
- (D) Excise Duty, (Please indicate applicable rate of Duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station price, (C+D+E) above
- (G) Road Transportation charges to Duliajan of 02 Nos. Trucks
- (H) Insurance Charges of 02 Nos. Trucks
- (I) Total FOR Duliajan value, (F+G+H) above
- (J) Installation & Commissioning charges for 02 Nos. Trucks including Service Tax
- (K) Pre-shipment Inspection charges of 02 Nos. Trucks, if any, including Service Tax, if any
- (L) Training to OIL Personnel charges, if any, including Service Tax
- (M) Total Value, (I+J+K+L) above
- (N) Total value in words:
- (O) Gross Weight:
- (P) Gross Volume:

Note: Total material cost for 2 (Two) Nos. in (A) shall include cost of Spares and Tools mentioned under Point 34) of Annexure-A.

SPECIAL NOTES:

- 1. The Trucks covered under this tender will be used by OIL in the PEL/ML areas issued/renewed after 01/04/99, applicable Customs Duty for import of goods shall be ZERO. Indigenous bidders shall be eligible for Deemed Export and should quote Deemed Export prices. Excise Duty under Deemed Export exempted. Necessary Project Authority Certificate (PAC) shall be issued by OIL towards this.
- 2. Successful bidder shall offer the Trucks for Pre-despatch/shipment Inspection by OIL's executives. Pre-despatch/Shipment Inspection charges, if any, must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. The to and fro fares, boarding/lodging and other enroute expenses of OIL's personnel shall be borne by OIL. Pre-despatch Inspection charges shall include Service Tax, if any.
- 3. Installation/Commissioning charges must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares, boarding/lodging, local transport at Duliajan and other expenses of supplier's commissioning personnel during their stay at Duliajan, Assam(India). All Income, Service, Corporate Taxes etc. towards the services provided under installation / commissioning shall be borne by the

- supplier and will be deducted at source at the time of releasing the payment. Bidder should also confirm about providing all these services in the Technical Bid.
- 4. Bidders must categorically indicate the Installation / Commissioning, Predespatch /Shipment Inspection and Training charges in their offers and must confirm about providing the same in their Technical bids.
- 13.0 <u>LIQUIDATED DAMAGE</u>: Supplier's competent personnel must arrive at Duliajan within 15 days from the date of intimation by OIL and complete the installation & commissioning job thereafter within the time mentioned in the tender. OIL, on the other hand, shall inform the party immediately on receipt of the goods at Duliajan. Liquidated Damage will be levied for any failure on the part of the supplier in completing the installation and commissioning of the Units @ 0.5% per full week or part thereof to a maximum of 10% of the total installation/commissioning charges.

(II) 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 the Bid Evaluation Criteria given below:

COMMERCIAL:

- 1.0 The evaluation of bids will be done as per the Commercial Bid Format (SUMMARY) detailed vide Para 12.0 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 Offers not complying with the payment terms indicated in the enquiry shall be loaded with one percent above the prevailing Bank rate (CC rate) of State Bank of India for duration of commissioning time indicated in the tender plus transit time (3 months) for evaluation purpose.
- 5.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.

5.1 When only foreign bidders are involved:

Comparison of bids will be done on the basis of "GRAND TOTAL VALUE" which is estimated as under:

- (A) Total material cost of 02 Nos. Trucks
- (B) Packing & FOB Charges of 02 Nos. Trucks
- (C) Total FOB Port of Shipment value, (A+B) above
- (D) Ocean Freight Charges upto Kolkata, India, of 02 Nos. Trucks
- (E) Insurance Charges @ 1% of Total FOB Value vide (C) above
- (F) Banking Charges @ 0.5% of Total FOB Value vide (C) 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)
- (G) Total CIF Kolkata Value, (C+D+E+F) above
- (H) Installation & Commissioning charges for 02 Nos. Trucks including Service Tax
- (I) Pre-shipment Inspection charges of 02 Nos. Trucks, if any, including Service Tax, if any.
- (J) Training to OIL Personnel charges, if any, including Service Tax.
- (K) Grand Total Value, (G+H+I+J) above

Note: i) Total material cost for 2 (Two) Nos. in (A) shall include cost of Spares and Tools mentioned under Point 34) of Annexure-A.

- ii) Banking charge in the country of the foreign bidder shall be borne by the bidder.
- 5.2 When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response:

Comparison of bids will be done on the basis of "GRAND TOTAL VALUE" which is estimated as under:

- (A) Total material cost of 02 Nos. Trucks
- (B) Packing and Forwarding Charges of 02 Nos. Trucks
- (C) Total Ex-works value, (A+B) above
- (D) Excise Duty
- (E) Sales Tax
- (F) Total FOR Despatching station price, (C+D+E)
- (G) Road Transportation charges to Duliajan of 02 Nos. Trucks
- (H) Insurance Charges @0.5% of Total FOR Despatching Station Value (F) above
- (I) Total FOR Duliajan value, (F+G+H)
- (J) Assam Entry tax
- (K) Installation & Commissioning charges for 02 Nos. Trucks including Service Tax
- (L) Pre-shipment Inspection charges of 02 Nos. Trucks, if any, including Service Tax, if any.
- (M) Training to OIL Personnel charges, if any, including Service Tax
- (N) Grand Total Value, (I+J+K+L+M) above

Note: Total material cost for 2 (Two) Nos. in (A) shall include cost of Spares and Tools mentioned under Point 34) of Annexure-A.

Excise Duty in case of the indigenous bidder is EXEMPTED.

5.3 When both foreign and domestic bidders are involved:

The Grand Total Value of domestic bidder (inclusive of customs duty on imported raw material and components etc. and applicable terminal excise duty on the finished products and Sales Tax) excluding inland transportation to destination, Assam Entry Tax and Insurance charges worked out as per Para 5.2 above and Grand Total Value of the foreign bidder worked out as per Para 5.1 above will be compared. No price preference will be allowed to indigenous bidders except that for capital goods, the domestic manufacturers would be accorded a price preference to offset CST to the extent of 4% or actuals, whichever is less subject to 30% local content norms as stipulated for World Bank Funded project to the satisfaction of OIL. When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Total value basis.

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.

6.0 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 SUBMITED 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.

<u>SI</u> No.	REQUIREMENT	COMPLIANCE
1	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2	Whether quoted as manufacturer?	Yes / No
3	Whether ORIGINAL Bid Bond (not copy of Bid Bond) Sent separately? If Yes, provide details	
	(a) Amount:	
	(b) Name of issuing Bank:	
	(c) Validity of Bid Bond :	
4	Whether offered firm prices?	Yes / No
5	Whether quoted offer validity of 180 days from the date of closing of tender?	Yes / No
6	Whether quoted a firm delivery period?	Yes / No
7	Whether agreed to the NIT Warranty clause?	Yes / No
8	Whether confirmed acceptance of tender Payment Terms?	Yes / No
9	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
10	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
11	Whether Price submitted as per Price Schedule (refer Para 12.0 of BRC)?	Yes / No
12	Whether confirmed that all spares related to the equipment supplied both regular consumable ones as well as vital/ insurance spares, for the supplied unit quoted shall be available for a period of at least 15 (fifteen) years after delivery should be provided. Bidders should also indicate their nearest authorized service center.	Yes / No
13	Whether quoted as per tender (without any deviations)?	Yes / No
14	Whether quoted any deviation?	Yes / No
15	Whether deviation separately highlighted?	Yes / No
16	Whether indicated the country of origin for the items quoted?	Yes / No
17	Whether technical literature / catalogue enclosed?	Yes / No
18	Whether weight & volume of items offered indicated?	Yes / No
19	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
20	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
21	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance)?	Yes / No
22	Whether Indian Agent applicable?	Yes / No
23	If YES, whether following details of Indian Agent provided?	
24	(a) Name & address of the agent in India – To indicate	Yes / No

	(b) Amount of agency commission – To indicate	Yes / No
	(c) Whether agency commission included in quoted material value?	Yes / No
25	For Indian Bidders – Whether indicated the place from where the Trucks will be dispatched. To specify:	Yes / No
26	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
27	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
28	For Indian Bidders only - Whether indicated import content in the offer?	Yes / No
29	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
30	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No
31	Whether all BRC/BEC clauses accepted?	Yes / No
32	Whether confirmed to offer the Trucks for Pre-despatch/shipment Inspection?	Yes / No
33	Whether Pre-despatch/shipment inspection charges applicable?	Yes / No
34	If Pre-despatch/shipment inspection charges applicable, whether quoted separately on lumpsum basis?	Yes / No
35	Whether confirmed to carry out Installation & Commissioning of the equipment at Duliajan (Assam)?	Yes / No
36	Whether Installation & Commissioning charge applicable?	Yes / No
37	If Installation/ Commissioning charges applicable, whether separately quoted on lumpsum basis?	Yes / No
38	Whether to & fro air fares, boarding/lodging of the commissioning personnel at Duliajan, Assam (India) included in the quoted charges?	Yes / No
39	Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation/ Commissioning are included in the prices quoted?	Yes / No
40	Whether Integrity Pact with digital signature uploaded?	Yes / No
41	Whether confirmed to carry out Training to OIL personnel as per NIT?	Yes / No
42	Whether Training charge applicable?	Yes / No
43	If Training charges applicable, whether separately quoted on lumpsum basis?	Yes / No
44	Whether to & fro air fares, boarding/lodging of the Training personnel for providing training at Duliajan, Assam (India) included in the quoted charges?	Yes / No
45	Whether confirmed that all Service, Income, Corporate tax etc. applicable towards services to be provided under Training are included in the prices quoted?	Yes/No
46	Whether confirmed acceptance of tender Payment Terms of 80% against shipment/dispatch documents and balance 20% after successful Installation & Commissioning.	Yes/No

Offer reference	
Name of the Bidder	