

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

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Email: materials@oilindia.in ; erp_mm@oilindia.in; mmfd1@oilindia.in

Tender No. & Date : SDG9146P16/09

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security Amount : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 06.01.2016 (at 11.00 Hrs. IST)

Bid Opening on : 06.01.2016 (at 14.00 Hrs. IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No. /Mat. Code	Material Description	QTY.	UOM
10	SUPPLY, INSTALLATION & COMMISSIONING OF ENGINE DRIVEN SLUSH PUMP FOR WORKOVER RIG AS DETAILED IN THE FOLLOWING ANNEXURES – A) DETAILED SPECIFICATION – ANNEXURE - I. B) BID REJECTION CRITERIA (BRC) AND BID EVALUATION CRITERIA – ANNEXURE - II. C) TECHNICAL & COMMERCIAL CHECK LIST VIDE ANNEXURE - III	1	No.

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 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 vide Annexure – III. Please ensure that both the check lists are properly filled up and uploaded along with “Techno-commercial Unpriced Bid”.

3.0 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 Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to “General Terms & Conditions”. However, Indian bidders will not be issued Recommendatory Letter.

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 **11:00 Hrs (IST)** on the Bid Closing Date mentioned in the Tender.

- a) **Original Bid Security along with two sets of photocopy.**
- b) **Details Catalogue and any other document which have been specified to be submitted in original.**

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.

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.

Display RFx Response:

Edit | Print Preview | **Technical RFx Response** | Close

Rfx Response Number 60006452 Rfx Number TEST2 Status
Rfx Owner WIPRO_TEST1 Total Value 0.00 INR Rfx R

RFx Information | Items | **Notes and Attachments** | Comments

Basic Data | Questions

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

Terms of Payment: 9010 90% against despatch+10% after rec

Service and Delive
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Status and Statist
Created C
Created B
Last Processed C
Last Processed B

▼ Partners and Delivery Information

Details Send E-Mail Call Clear

Function	Number	Name	Valid fr
The table does not contain any data			

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 Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click 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 Other terms and conditions of the tender shall be as per “General Terms & Conditions” for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) and its amendments. However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

8.0 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 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.**

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

- 1. SHRI RAJIV MATHUR, IPS(Retd.),
Former Director (IB) Govt. of India
e-Mail ID : rajivmathur23@gmail.com**

**SCOPE OF SUPPLY : SUPPLY, INSTALLATION & COMMISSIONING OF
ENGINE DRIVEN SLUSH PUMP FOR WORKOVER RIG.**

QUANTITY : 1 No.

TECHNICAL SPECIFICATIONS

Triplex, Single Acting, Horizontal, Piston type Mud Pump coupled with Diesel Land Mechanical Engine, 4(four) stroke, Turbocharged, Aftercooled, Direct combustion, unidirectional (rotation anti-clockwise when viewed from flywheel end), Low Emission rated for continuous power and capable of developing a net minimum BHP of 1000-1050 @1200 rpm and suitable for continuous duty. The engine with torque converter will be used to cater the load requirement of the Slush Pump.

The technical details of the Slush Pump are as per Section-A and the technical details of the Prime Mover [Diesel Engine] & Drivers [Torque Converter, Airflex Clutch and Compound Transmission] are as per Section-B respectively.

SECTION - A

SLUSH PUMP FOR DRILLING SERVICE

Triplex single acting, horizontal piston Mud Pump package unitized with a suitable Diesel Engine of Caterpillar make, Torque Converter of National or equivalent make, banded suitable coupling, compound transmission, pneumatic clutch etc. for power transmission with other necessary accessories.

The Slush Pump specifications are as follows:

1.0 PUMP SPECIFICATION:

- a.** Pump Type: Horizontal, Reciprocating, Positive displacement, Single Acting Piston pump.
- b.** Input Horse Power: Min 750HP continuous @ 120rpm & intermittent @140rpm.
- c.** Stroke Length: 200mm [8 Inch].
- d.** Piston Load: Min 34,000Kg [75,000lbs].
- e.** Power End: High strength Steel Casting / Fabrication.
- f.** Fluid End: High strength Alloy Steel, Piston type single piece, Segmented [L-shape] design, interchangeable modules having separate valve pots in each module & Piston-Liner cooling spray system.
- g.** Gears: Forged Alloy Steel, Double Helical [Herringbone] gears.
- h.** Crankshaft & Connecting Rod: Forged Steel single piece design.

- i.** Piston Size: Min 114.3mm [4.5 Inch] to Max 177.8mm [7 Inch].
- j.** Suction Manifold: 203mm [8 Inch] NB with 150# RF flanged ends & Stabilizer assembly.
- k.** Discharge Manifold: 101.6mm [4 Inch] NB with API 350 Kg/cm² [5000PSI] RTJ flanged ends & Pulsation Dampener.
- l.** Valve & Seat: API-6 Valve with Full Bore Seat, Hardened Steel.
- m.** Liner: Chrome sleeved, Shrunk fitted.
- n.** Piston Rod: 2(two) piece design fast change piston rod with clamp.
- o.** Main Bearings: Double Row Tapered Roller.
- p.** Pinion Bearings: Self aligning Spherical Roller.
- q.** Connecting Rod Bearings: Shell type Replaceable.
- r.** Discharge & Pressure Capacity: Min 1325ltrs/min [350GPM US] @155kg/cm² [2200PSI] and Min 605ltrs/min [160GPM US] @352kg/cm² [5000PSI] at rated pump SPM & engine RPM.
- s.** Power end Lubrication: Pressure Splash Lubrication.

1.1 ACCESSORIES [to be supplied with the pump]:

- a.** Suction Stabilizer [with pressure relief valve]: mounted & installed inline with suction piping of the pump.
- b.** Discharge Pulsation Dampener: HYDRIL make, model K-20-5000 with following features:
 - i. Maximum service pressure 350Kg/cm² [5,000 PSI].
 - ii. Surge capacity: 20 gallons
 - iii. Diaphragm: Hydrogenated Nitrile
- c.** Discharge Strainer Cross: Forged Alloy Steel 5000# complete with:
 - i. 101.6mm [4 Inch] fluid discharge manifold to be connected with 5000# RTJ flanged [API 6B] end.
 - ii. There should be 5000# RTJ Blind flange on the opposite side of the discharge pipe of the strainer cross of similar size for strainer clean-out.
 - iii. The 5000# flanged end top of the strainer cross should be suitable for pulsation dampener [mounting studs & nuts must be supplied with the pulsation dampener].
 - iv. There should be 5000# RTJ flanged ends for Discharge on one side & RRV with bleed line on the other side of strainer cross.
- d.** Reset Relief Valve: Oteco / NOV make 3" manual RRV having Screwed 3" API LP ends; hydraulically balanced with cushioned piston, Top load piston, seals etc. Pressure range: 105 to 351.5 Kg/cm² [1500 to 5000 PSI]. RRV must be supplied with hydraulic T.C having acceptable tolerance of +/- 200PSI.

e. Pressure Gauge: Oteco make Pr.Gg for Standard Service having 2" APILP connection [female] suitably isolated by a HP Oteco make screwed Gate Valve & connected with the discharge manifold on the opposite side of strainer cross.
Pressure Range: 0 to 351.5 Kg/cm² [0-5000 PSI].

f. High Pressure Gate Valves: Oteco make Gate Valves having APILP screwed ends.
Working Pressure: 351.5 Kg/cm² [5000 PSI].

g. Bleed Line with Accessories: To be supplied with RTJ flange with screwed fittings, Oteco valve, tees, reducers, elbows, RTJ API gaskets etc.

h. Pump Stroke Counter Meter [should be mounted to the pump].

i. Jib Crane with Trolley [for handling fluid end expendable parts, min 180Kg (400 lbs) capacity].

j. Hand Hoist [For use with Jib Crane- 1/2ton hoist with 8ft tall].

k. Hydraulic Valve Seat Puller Assembly [Complete assembly including hydraulic jack & pump, stem with nut, puller head, H-tool etc. in a box].

l. Nitrogen charging hose with pressure gauge.

m. Special Hand tools for Fluid End maintenance.

n. Spare Parts:

Bidder should quote unit price for following spare parts. Item wise price of each spare part with part no should also be provided.

Bidder must offer the unit price of each of the following spare part require for the pump.

- i. Liner- 6" & 6.5" - 6 nos. each of 6" & 6.5" Liner
- ii. Piston Assembly - 6" & 6.5" - 12nos. each of 6" & 6.5" P. Assy
- iii. Piston Rod - 6 nos.
- iv. Valve Seat [open type] - 20 nos.
- v. Valve Assembly - 20 nos.
- vi. Valve Insert [Urethane] - 30 nos.
- vii. Valve Spring - 20 nos.
- viii. Wear Plate - 6 nos.
- ix. Fluid End [suction & discharge module] - 3 sets [as per design]
- x. Crank Shaft - 1 no.
- xi. Connecting Rod-1no
- xii. Crank Shaft main bearing - 2 nos.

The cost of above spare parts will be considered for bid evaluation. However OIL reserves the right to decide the item & quantity of spare parts for procurement along with the main equipment.

SECTION – B

PRIME MOVER [DIESEL ENGINE FOR SLUSH PUMP]:

Diesel Engine, Caterpillar make 3512 Land Mechanical Engine conform to either ISO 3046/1 or BS 5514 or IS 10000 or latest specifications and should be rated for continuous power with an overload power rating of 110% for a period of 1hr in 12hrs operation. The engine should be unitized with Mud Pump through suitable TC of NOV make, Airflex Clutch & Gear reducer.

The technical details of the engine are as follows:

1.0 ENGINE SPECIFICATIONS:

a. The Land Mechanical Engine should be a 4(four) stroke, turbocharged, direct combustion, aftercooled [separate circuit], low emission, counter clockwise rotation as viewed from flywheel end and capable of developing 1000-1050 HP (net) @ 1200 RPM at flywheel end.

b. The engine should be suitable for continuous duty & capable of developing 10% in excess of its rated output at rated speed for a period of 1hr in any period of 12 hrs continuous running without undue heating or any other mechanical trouble under standard atmospheric conditions of atmospheric temperature between 5°C to 45°C, altitude not exceeding 150 Mtrs above mean sea level, relative humidity 95% at 35° C.

c. Fuel to be used: The fuel used by the prime mover is as follows:

- i. High speed Diesel: Diesel to be used conforms to IS: 1593-1982.
- ii. Cetane No.:42.5
- iii. Gross calorific value: 19,480 BTU/LB (10.800 Cal/gm).

d. Performance Curves:

The bidder should specify the following information along with relevant performance ratings curves & conditions in their offer.

- i. Gross horse power developed at rated RPM.
- ii. Deduction for altitude, temperature etc.
- iii. Deduction for fan & ancillary equipment.
- iv. Net HP available at rated RPM & site conditions.
- v. Net torque developed at rated rpm
- vi. Specific Fuel Consumption of the engine

1.1 ACCESSORIES: The engine offered should be complete in all respect with the following components mounted on it.

a. Flywheel & Flywheel Housing:

- i. Flywheel Housing: SAE#00.
- ii. Flywheel suitable to be coupled with offered NOV C-300-64FH T.C.
- iii. Rotation: SAE Standard Rotation [anti-clockwise when viewed from flywheel end].

b. Air Inlet System:

- i. Dry type Heavy duty Air Cleaner with Vacuum Indicator.
- ii. Separate circuit after cooler with corrosion resistant core.
- iii. Dual turbocharger.

c. Exhaust System:

- i. Spark Arrestor cum Silencer [must be covered with heat resistant material].
- ii. Max exhaust back pressure: 75mmHg.

All necessary exhaust fittings [flange, weldable, elbow etc] must be provided along with supply & the bidder must confirm the same in their offer.

d. Cooling System:

- i. Heavy duty Radiator for Industrial use with Fan & Fan arrangement.
- ii. Thermostat.
- iii. Water Pump.
- iv. Radiator safety: Should have low water level indication & alarm.
- v. Coolant level sensor.

All the above items must be mounted on the engine / base rail with the engine. The radiator must be having capacity of at least 20% in excess of total heat rejection of the engine. Heat load calculations are to be submitted along with the offer for our scrutiny.

e. Fuel System:

- i. Fuel filter- Primary & secondary with water separator.
- ii. Priming & Transfer Pump.

f. Control System:

- i. Pneumatically controlled governing system.

g. Lube System:

- i. Lube Oil Sump: Shallow Oil Pan with drain cover.
- ii. Lube Oil Cooler: Water cooled integral with engine coolant circuit.
- iii. Crank case breather.
- iv. Fumes disposal group.
- v. Oil pan drain valve [2" Ball Valve with NPT thread].

h. Safety System [engine will stop in case of following events]:

- i. Low lube oil pressure trip.
- ii. High water temperature trip with alarm.
- iii. Engine over speed trip.
- iv. Emergency stop push button.
- v. Normal fuel shut off

i. Emergency Shut Off Device [Pneumatic]:

Inlet Air shut off device & Fuel shut off device should be provided with the engine & designed in such a way that it can be operated manually from engine as well as Driller's console.

j. Instrument Panel:

- i. Fuel & Oil Pressure gauge and Oil filter differential gauge.
- ii. Oil, Water & Exhaust Temperature gauge.
- iii. Electronic Tachometer with R/Hrs meter.

All gauges are as per engine manufacturer's standard.

k. Starting System:

- i. Each Engine should have Air Starting Motor [90-150PSI] with Air silencer.
- ii. Electric Starting motor with heavy duty battery [min 200AH] & charging alternator should be provided with the engine.

l. Air Compressor:

1no inbuilt Single / Twin cylinder Air compressor of minimum capacity 50 CFM @120 PSI approx with Air receiver of suitable capacity & Air Dryer [Non-heating type] should be provided along with the engine.

Make & model of the Air compressor & Air dryer with size & capacity of Air receiver should be provided along with the offer.

Air receiver should be tested at 1.5 times the working pressure. Test certificate to be provided along with the supply.

m. General:

- i. Vibration Dampener and guard.
- ii. Lifting eyes.
- iii. Maintenance tool [as per Annexure-III].
- iv. Standard painting of the engine.
- v. The engine crank case design should be such that servicing of the engine is possible without lowering the complete engine.
- vi. The engine must be supplied in ready to run condition.

n. Spare Parts:

Bidder should quote unit price for following spare parts. Item wise price of each spare part with part no should also be provided.

Bidder must mention in their offer the total quantity of each of the following spare part require for running the engine for 2000hrs.

- i. Fuel Filter- 12nos
- ii. Lube Oil Filter- 12nos
- iii. Air Filter- 6nos
- iv. Air Starting Motor- 1no
- v. Fuel Injector-12nos
- vi. Turbocharger- 2nos
- vii. Turbocharger Repair Kit-2nos
- viii. MVS Governor-1no
- ix. Radiator 'V' belt- 1set
- x. Water Pump- 1no
- xi. Water Pump repair kit-2nos
- xii. Valve covers seal-gasket- 12nos

The cost of above spare parts will be considered for bid evaluation. However OIL reserves the right to decide the item & quantity of spare parts for procurement along with the main equipment.

o. Maintenance Tool Kit for Engine & Transmission:

01(one) set of standard tools of Stanley Proto / Snap-on/ Baum make in heavy duty 3/5 tray metal box with locking arrangement for carrying out normal maintenance of engine should be supplied as per enclosed **Appendix - A**. The cost of maintenance tools will be considered for bid evaluation.

p. Special Tools for Engine:

Undernoted special tools should be supplied along with the consignment for carrying out engine major overhauling jobs.

These tools must be supplied in proper tool box. Specific description, part nos., make, etc. with unit price of each item shall clearly be indicated in the bid.

i. Liner Puller - 1 No.

ii. Piston Insert tool - 1 No.

iii. Injector puller - 1 No.

iv. Injector Timing adjustment tool - 1 No.

v. Valve opener & installer – 1 set.

vi. Bearing puller for fan shaft- 1 No.

vii. Any other tools necessary for maintenance to be mentioned in the offer.

The cost of above maintenance and special tools will be considered for bid evaluation.

However OIL reserves the right to decide the item & quantity of spare parts for procurement along with the main equipment.

1.2 Torque Converter:

Hydraulic Torque Converter, National make & model C-300-64FH or equivalent with following features:

a. Shock mounted oil temperature & pressure gauge.

b. Integral oil charging & circulation pump.

c. Fresh water heat exchanger cooling system mounted on the T.C with water pump.

d. Heavy duty output shaft & bearings and with type 'FH' arrangements for direct mounting on SAE#00 engine flywheel housing completes with spline drives & support plate.

e. Pressure control valve.

f. Oil filter.

The Torque Converter is to be unitized with the offered Caterpillar 3512 engine flywheel on one side and the other side will be unitized with Pneumatic Airflex Clutch.

1.3 Pneumatic Clutch:

The one end of pneumatic clutch is to be unitized with the output shaft of T.C with proper taper bushing and the other side with the input shaft of the compound transmission. The features of the Pneumatic Clutch should be as follows:

a. Type: Pneumatic

b. Make: Airflex or equivalent

c. Model No.: 22CB500 or equivalent

d. Power transmission capacity: t.b.a

1.4 Coupling:

A suitable flexible coupling should be installed in between pump drive and the compound transmission.

1.5 Compound Transmission:

A Compound Transmission should be installed in between the Flexible Coupling & the Air Clutch. The transmission should be oil tight lubricated chain case with bearing mounted lay shaft, 1 ½" pitched roller chain & sprocket.

1.6 Hoses & Fittings:

All the oil & pneumatic hoses and other necessary fittings required to install & operate the Compound Transmission & Airflex Clutch are to be supplied along with the pump package.

1.7 Special Notes:

a. The complete Pump package must be mounted on a rugged 4runner oilfield type skid made of 300mm heavy beam having self loading cum lifting arrangement on both sides, chequered deck plate etc.

Pump package limiting dimension: 9800mm L X 2800mm W X 2500mm H.
There should be Standard steel safety guards for all moving parts.

b. The detail dimensional drawing of General arrangement, skid etc of Pump Package shall be submitted along with the offer for scrutiny.

c. Bidder should provide list of maintenance spares for 2 years operation with part no., quantity, unit rate etc for all the equipment offered along with the offer. However the rates of the spares will not be considered for evaluation.

d. All the bearings fitted on the Pump must be of FAG / SKF / NTN / Torrington make. Bidders are requested to confirm the same in their offer.

e. The Pump should be designed such that the intermittent pressure-discharge parameters to be obtained with replaceable liners & pistons at rated speed of the pump. Liners to be fitted with the pump at the time of supply should be such to obtain min 1325ltrs/min [350GPM US] @155kg/cm² [2200PSI] and the same should be categorically mentioned in the offer.

All the items of pump package must be supplied in unitized & ready to use condition.

f. Delivery is the essence of order. Hence bidder must specify their best delivery period.

g. Bidder's response should clearly be defined. Bidder shall furnish specific details / specifications of all major components, system with make & model etc. Generalized response like- 'As per NIT specifications / Technical Leaflet', 'Noted', 'Accepted' or in any similar fashion is not encouraged.

1.8 Parts List, Instruction & Service Manual:

The supplier should provide hard copy of 2 (two) sets of parts list book, operation & service manual as well as soft copy for all the equipment & components of the Slush Pump Package along with the delivery.

1.9 Inspection & Test Certificate:

Both Pump & Engine set have to be load tested at manufacturer's premises in presence of representative from OIL & the test certificates must be provided along with despatch documents.

Supplier must categorically confirm regarding compliance with respect to inspection / test procedure which is very essential.

2.0 Guarantee / Warranty:

The complete package / unit shall be under guarantee / warranty by the supplier for a minimum period of 12 (twelve) months from the date of successful Commissioning of the complete unit at site.

OIL reserves the right to inspect, test & if necessary reject any part / parts after delivery at site (including incomplete manuals, catalogues, etc.) in case of any fault on the part of the supplier.

It shall in no way be waived by the reason that the unit / item was previously inspected & passed by OIL as per Inspection Clause detailed elsewhere in the NIT.

To keep the unit fully operational, in case of failure of any item due to poor workmanship, failure of any parts etc during the warranty period, it is the supplier's responsibility to arrange replacement / repairing at site at their own cost including custom duty, freight, etc. within a period of maximum 3 (three) weeks from the date of notification of such failure.

2.1 Deviation:

Deviation in respect to any specification as detailed above should be highlighted with technical calculation / catalogue / literature etc.

2.2 Pre-Dispatch Inspection:

Complete Pump package should be offered for inspection & functional testing to OIL by the supplier at manufacturer's premises at least 60 days prior to dispatch.

The Inspection cum Acceptance process would include but not limited to the following minimum steps/tasks:

- i. Physical verification / inspection of all the items / fittings / accessories including Parts Catalogue, Maintenance & Service Manuals, Schematics, all tools under complete tool kit as well as other tools, all spares as per the Spare Parts List for engine etc.
- ii. Any modification requirement arising out of design aspect consideration (on the part of the supplier) shall be in the scope of the supplier at no extra cost to OIL.
- iii. The minutes of inspection process would be prepared at the end of the inspection and jointly signed by both the parties.
- iv. Supplier shall confirm in writing compliance of all the points raised in the minutes of inspection as well as any other subsequent additions/changes, following deliberation with the inspector after arrival at Duliajan.
- v) Supplier will dispatch the unit only on receipt of dispatch advice from the competent authority of OIL.
- vi) Any other testing / joint inspection indicated elsewhere in this tender.

2.3 After Sales Service:

The bidder must have After Sales Service facility in India at least for the last 5 years and confirm with documentary evidence their nearest authorized service center along with the offer.

2.4 Installation & Commissioning:

- a. The bidder will be intimated once the Pump package arrives at the site of OIL, Duliajan, Assam. The bidder / their authorized commissioning engineer will have to

install & commission the same in the drilling rig in the presence of OIL representatives under following conditions:

- i) At no load for 8 hours.
- ii) Test run on available load for a minimum period of 72 hrs. continuously and on satisfactory performance shall be subsequently handed over to OIL.

Services of qualified and competent personnel from equipment manufacturer are essential during installation and commissioning of the same.

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

c. Any offer not quoting the installation/ commissioning and Inspection/ testing charges shall be loaded with a maximum charges for the same received against the tender for the evaluation purposes. Moreover bidders should categorically confirm about the Service/ Income Taxes for evaluation purpose.

3.0 TAX & DUTIES:

(i) All taxes, stamp duties and other levies imposed outside India shall be the responsibility of the Bidder/Seller and charges thereof shall be included in the offered rates.

(ii) All Taxes & levies imposed in India, for the services including installation & commissioning shall be to the Bidder/Seller's account.

(iii) Income Tax/Corporate Tax/Personal Tax/Service Tax etc. on the value of the Services rendered by the Bidder /Seller in connection with installation/ commissioning shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

4.0 PAYMENT : Payment shall be released as follows:

i) 80 % of the supply value shall be released against proof of despatch/shipment of the goods and test certificates.

ii) Remaining 20 % of the supply value along with installation & commissioning charges shall be paid after successful commissioning and acceptance by OIL at site.

OIL may consider making 100 % payment of the supply value towards supply of each MSG against proof of dispatch/shipment and submission of test certificates provided bidders agree to pay interest @ 1% above prevailing Bank Rate (CC rate) of State Bank of India for 20 % of the supply value and also submit Bank Guarantee for the equivalent amount plus interest valid till successful commissioning of the pump set at site. This is in addition to the 10 % of the order value towards Performance Security as per the NIT requirement.

Any offer not complying with the above shall be loaded at one percent above the prevailing Bank Rate (CC rate) of State Bank of India for evaluation purpose.

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

(I) BID REJECTION CRITERIA (BRC):

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

(A) TECHNICAL:

1.0 Bidder's Qualification:

1.1 The bidder should either be an:

- a. OEM [original equipment manufacturer] of Mud Pump of various capacities.
OR
- b. Authorized dealer / distributor of OEM of Mud Pump of various capacities.
OR
- c. OEM [Mud Pump of various capacities] authorized Assembler of Mud Pump package.

1.2. If the bidder is an OEM of the Mud Pump of various capacities, then the following criteria must be fulfilled:

- a. The bidder must be an OEM of Mud Pump of various capacities since at least last 05(five) years reckoning from the original bid closing date.
Documentary evidence to that effect must be submitted along with the offer.
- b. Bidder must purchase the Engine & other accessories viz T.C, Airflex Clutch etc. from the respective OEM's or authorized dealers of these items. The purchase documents of Engine and other accessories from the OEM's or authorized dealers must be submitted along with the supply of Pump package.
Bidder must confirm compliance of this in the technical bid.

1.3 If the bidder is an Authorized dealer / distributor of OEM of Mud Pump or an OEM (Mud Pump) authorized Assembler of Mud Pump package, then the following criteria must be fulfilled:

- a. The bidder must be an authorized Dealer or Assembler of OEM since at least last 05(five) years reckoning from the original bid closing date.
Documentary evidence to that effect from OEM must be submitted along with the offer.
- b. Bidder must purchase the Mud Pump from their OEM and other accessories viz Engine, T.C, Airflex Clutch etc. from the respective OEM's or authorized dealers of

these items. The purchase documents of Mud Pump, Engine and other accessories from the OEM's or authorized dealers must be submitted along with the supply of Pump package. Bidder must confirm compliance of this in the technical bid.

1.4 Bidder must confirm in their offer to provide proper guarantee / warranty back up on the supplied products from the OEM.

2.0 Bidder's Experience:

2.1 If the bidder is an OEM of the Mud Pump of various capacities, then the following criteria must be fulfilled:

a. Bidder shall have the credential of successful execution of order(s) and supplied at least 01(one) no of similar Pump Package [Pump with Engine & Transmission] of same or higher capacity to national / international Oil & Gas Industries / drilling companies / service providers in last 05(five) years preceding from the original bid closing date of the tender.

Bidder must provide the following documents as credential along with the offer:

- i. P.O. copy that includes all technical details of equipment supplied & the name of the organizations as stated above.
- ii. Supply Invoice / Commissioning report / Performance report / any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.

2.2 If the bidder is an Authorized dealer / distributor of OEM of Mud Pump or an OEM (Mud Pump) authorized Assembler of Mud Pump package, then the following criteria must be fulfilled:

a. Bidder must furnish the experience certificate of unitizing & supplying of at least 01(one) no similar Pump Package [Pump with Engine & Transmission] of same or higher capacity to reputed national / international Oil & Gas Industries / drilling companies / service providers in last 05(five) years reckoning from the original bid closing date.

Bidder must provide the following documents as credential along with the offer:

- i. P.O. copy that includes all technical details of equipment supplied & the name of the organizations as stated above.
- ii. Supply Invoice / Commissioning report / Performance report / any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.

b. Bidder must ensure while offering that the make of the Pump offered & the make of the Pump supplied [BRC/BEC clause no. 2.2 (a)] must be the same.

c. The bidder must provide Certificate from their OEM confirming all sorts of technical support & guidance for unitizing job of the pump package.

d. The bidder must provide Certificate from their OEM confirming that their dealer / assembler has the Work shop and testing facilities available with infrastructure, skilled manpower & machine required for such unitizing job where the pump package is to be unitized.

B) COMMERCIAL

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 “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 \$ 23,400.00 or Rs. 15,44,000.00 shall be furnished as a part of the TECHNICAL BID (refer Clause Nos.9.0 & 12.0 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)). **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.

2.1 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).

2.2 The Bid Security shall be valid for one year from the date of tender opening i.e, valid upto **06.01.2017**.

3.0 Validity of the bid shall be minimum 180 days from Bid closing date. Bids with lesser validity will be straightway rejected.

4.0 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.

5.0 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.

6.0 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.

7.0 Bids containing incorrect statement will be rejected.

8.0 No offers should be sent by E-mail or Fax. Such offers will not be accepted.

9.0 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 successful commissioning 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 and no extra cost to OIL.

10.0 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. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

11.0 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.

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 [excluding cost against para 1.1(n) of Section-A and para 1.1(n), 1.1(o) & 1.1(p) of Section-B]
- (B) Total cost of spares of Pump as per para 1.1(n) of Section-A
- (C) Total cost of spares of Engine as per para 1.1(n) of Section-B
- (D) Total cost of Maintenance Tool Kit as per para 1.1(o) of Section-B(Appendix-A)
- (E) Total cost of Special Tools for Engine as per para 1.1(p) of Section-B
- (F) Grand Total Material Cost, (A + B + C + D +E)
- (G) Packing & FOB Charges
- (H) Total FOB Port of Shipment value, (F + G) above
- (I) Ocean Freight Charges upto Kolkata, India
- (J) Insurance Charges
- (K) Total CIF Kolkata value, (H + I + J)
- (L) Pre-despatch Inspection charges,
- (M) Total Installation & Commissioning charges including service tax
- (N) Total Value, (K + L + M) above
- (O) Total value in words :
- (P) Gross Weight :
- (Q) Gross Volume

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

- (A) Total material cost [excluding cost against para 1.1(n) of Section-A and para 1.1(n), 1.1(o) & 1.1(p) of Section-B]
- (B) Total cost of spares of Pump as per para 1.1(n) of Section-A
- (C) Total cost of spares of Engine as per para 1.1(n) of Section-B
- (D) Total cost of Maintenance Tool Kit as per para 1.1(o) of Section-B(Appendix-A)
- (E) Total cost of Special Tools for Engine as per para 1.1(p) of Section-B
- (F) Grand Total Material Cost, (A + B + C + D +E)
- (G) Packing and Forwarding Charges
- (H) Total Ex-works value (F + G)
- (I) Excise Duty, (Please indicate applicable rate of excise duty)
- (J) Sales Tax, (Please indicate applicable rate of Tax)
- (K) Total FOR Despatching station value (H + I + J)
- (L) Road Transportation charges to Duliajan
- (M) Insurance Charges
- (N) Total FOR Duliajan value, (K +L + M)
- (O) Pre-despatch Inspection charges,

- (P) Total Installation & Commissioning charges including service tax
- (Q) Total Value, (N + O + P) above
- (R) Total value in words :
- (S) Gross Weight :
- (T) Gross Volume :

NOTE :

1. Cost of individual items must be quoted separately.
2. 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. Indigenous bidders must quote Deemed Export prices. Excise Duty under Deemed Export exempted.

13.0 Pre-Despatch / Shipment Inspection charges, if any, shall be quoted on lumpsum basis separately which shall be considered for commercial evaluation of the offers. However, all to and fro fares, boarding/lodging and other expenses of OIL's Inspection Engineer(s) shall be borne by OIL.

14.0 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/training personnel during their stay at Duliajan, Assam(India).

Bidders must categorically indicate the above charges in their commercial offers and must confirm the same in their Technical bids.

(II) BID EVALUATION CRITERIA (BEC) :

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

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

4.1 When only foreign bidders are involved :

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

- (A) Total material cost [excluding cost against para 1.1(n) of Section-A and para 1.1(n), 1.1(o) & 1.1(p) of Section-B]
- (B) Total cost of spares of Pump as per para 1.1(n) of Section-A
- (C) Total cost of spares of Engine as per para 1.1(n) of Section-B
- (D) Total cost of Maintenance Tool Kit as per para 1.1(o) of Section-B(Appendix-A)
- (E) Total cost of Special Tools for Engine as per para 1.1(p) of Section-B
- (F) Grand Total Material Cost, (A + B + C + D +E)
- (G) Packing & FOB Charges
- (H) Total FOB Port of Shipment value, (F + G) above
- (I) Ocean Freight Charges upto Kolkata, India
- (J) Insurance Charges @ 1% of Total FOB Value vide (H) above
- (K) Banking Charges @ 0.5% of Total FOB Value vide (H) 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)
- (L) Total CIF Kolkata Value, (H + I + J + K) above
- (M) Pre-despatch Inspection charges,
- (N) Total Installation & Commissioning charges including service tax
- (O) Total Value, (L + M + N) above
- (P) Total value in words :

NOTE : Banking charge in the country of the foreign bidder shall be borne by the bidder.

4.2 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 "TOTAL VALUE" which is estimated as under :

- (A) Total material cost [excluding cost against para 1.1(n) of Section-A and para 1.1(n), 1.1(o) & 1.1(p) of Section-B]
- (B) Total cost of spares of Pump as per para 1.1(n) of Section-A
- (C) Total cost of spares of Engine as per para 1.1(n) of Section-B
- (D) Total cost of Maintenance Tool Kit as per para 1.1(o) of Section-B(Appendix-A)
- (E) Total cost of Special Tools for Engine as per para 1.1(p) of Section-B
- (F) Grand Total Material Cost, (A + B + C + D +E)
- (G) Packing and Forwarding Charges
- (H) Total Ex-works value (F + G)
- (I) Excise Duty, (Please indicate applicable rate of excise duty)
- (J) Sales Tax, (Please indicate applicable rate of Tax)
- (K) Total FOR Despatching station value (H + I + J)
- (L) Road Transportation charges to Duliajan

- (M) Insurance Charges @0.5% of Total FOR Despatching Station Value (K) above
- (N) Total FOR Duliajan value, (K + L +M)
- (O) Assam Entry tax
- (P) Pre-despatch Inspection charges
- (Q) Total Installation & Commissioning charges including service tax
- (R) Total Value, (N +O+P+ Q) above
- (S) Total value in words :

NOTE: Excise Duty in case of the indigenous bidder is EXEMPTED under Deemed Export.

4.3 When both foreign and domestic bidders are involved :

The 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 4.2 above and Total Value of the foreign bidder worked out as per Para 4.1 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 ever 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.

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.

ANNEXURE III**(A) TECHNICAL 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 INDICATE THE MAKE & MODEL IN PART A AND SELECT "Yes" OR "No" TO THE QUESTIONS IN PART B , IN THE RIGHT HAND COLUMN.

Part A TECHNICAL			
SL.NO	PARAMETERS/REQUIREMENT	BIDDER'S OFFER (To indicate details)	REMARKS IF ANY
1	Make & Model of Mud Pump		
2	Make & Model of Engine		
3	Make & Model of Torque Converter		
4	Make & Model of Air Flex Clutch		
5	Make & Model of Air Compressor		
6	Make & Model of Air Dryer		
7	Make & Model of Compound Transmission		
8	Make & Model of Air Shut off Device		
9	Make & Model of SRV, Pressure Gauge & HP Valves		

Part B DOCUMENTATIONS			
SL. NO.	DESCRIPTION	DOCUMENT ENCL Yes or No	REMARKS IF ANY
1	O&M manual and Parts list of Mud Pump & Engine [both hard & soft copy].		
2	O&M manual and Parts list of Torque Converter, Air shut off device, Air compressor, Air dryer [both hard & soft copy] etc.		
3	Performance rating curves of the engine		
4	Specific fuel consumption of the engine		

5	Emission norms of the engine		
6	Heat load calculation of the engine		
7	Dimensional layout diagram of the complete unit.		
8	Inspection & witness Load testing of Mud Pump package at supplier's premises.		
9	Offer for Spare Parts of Pump & Engine, Maintenance tool kit & Special tools.		
10	Guarantee / Warranty certificate of the Pump package.		
11	CMRI (India) certificate or equivalent and DGMS (India) certificate or equivalent from competent authority from the country of origin for Electrical & Charging system of the Engine.		

ANNEXURE III

(B) COMMERCIAL CHECK LIST

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

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as Dealer / Distributor/Assembler of OEM of Mud Pump. To Specify-	Yes / No
2.2	If quoted as Mud Pump OEM Dealer / Distributor/Assembler, (a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / Distributor/Assembler for the product offered ?	Yes / No
3.0	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details	
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
4.0	Whether offered firm prices ?	Yes / No

4.1	Whether quoted offer validity of 180 days from the date of closing 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 along with commissioning charges or so as mentioned in the tender ?	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
7.0	Whether list of Recommended Spares for 2 years of operations with part No., quantity & unit rate quoted?	Yes / No
8.0	Whether quoted as per NIT (without any deviations)?	Yes / No
8.1	Whether quoted any deviation?	Yes / No
8.2	Whether deviation separately highlighted?	Yes / No
8.3	Whether indicated the country of origin for the items quoted?	Yes / No
8.4	Whether technical literature / catalogue enclosed?	Yes / No
8.5	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 confirmed to offer the equipment for Pre-despatch/shipment Inspection & testing?	Yes / No
12.2	Whether Pre-despatch/shipment inspection & testing charges applicable and if so, whether quoted separately on lumpsum basis?	Yes / No
12.3	Whether confirmed to carry out Installation & Commissioning of the equipment at Duliajan(Assam) ?	Yes / No
12.4	If Installation/ Commissioning charges applicable, whether separately quoted on lumpsum basis?	Yes / No
12.5	Whether to & fro air fares, boarding/lodging of the installation & commissioning personnel at Duliajan, Assam(India) included in the quoted charges ?	Yes / No
12.6	Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation/ Commissioning are included in the prices quoted ?	Yes / No
13.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
13.1	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No

Signature _____

Name _____

Designation _____

APPENDIX - A

<u>LIST OF MAINTENANCE TOOL KIT FOR ENGINE & TRANSMISSION(REF. PARA 1.1(O) OF SECTION-B)</u>		
Srl. No.	Description of Item	Qty
1.	Open Jaw Double Ended Spanner set in Metric & Inch-13P/C each set.	01 Set
2.	Double Ended Ring Spanner [deep offset hexagon ring] set in Metric & Inch-13P/C each set.	01 Set
3.	Heavy duty Double Hexagon Standard Socket compatible for ½” Sq. Drive in Metric & Inch -8mm to 36mm [1/4” to 1 3/8”] - 26P/C each set.	01 Set
4.	Reversible [quick release] Ratchet compatible for ½” Sq. Drive- overall length 250mm.	01 Set
5.	Sliding T-Bar compatible for ½” Sq. Drive.	01 Set
6.	Extension Bar compatible for ½” Sq. Drive- overall length 75mm.	01 Set
7.	Extension Bar compatible for ½” Sq. Drive- overall length 125mm.	01 Set
8.	Extension Bar compatible for ½” Sq. Drive- overall length 250mm.	01 Set
9.	Universal Joint compatible for ½” Sq. Drive- overall length 78mm.	01 Set
10.	L- Handle compatible for ½” Sq. Drive- overall length 250mm.	01 Set
11.	Adapter ¾” F X ½” M.	01 Set
12.	Adapter ½” F X ¾” M.	01 Set
13.	Universal Socket Wrench ½”drive [1/4”, 3/8”, ½”, 9/16”, 5/8”].	01 Set
14.	Screw Driver Standard Blade, Cushion grip- 8mm X 250mm.	01 Set
15.	Screw Driver 9 Tips with handle, Cushion grip.	01 Set
16.	Adjustable Spanner- 200mm [8”].	01 Set
17.	Adjustable Spanner- 300mm [12”].	01 Set
18.	Allen Key Set-Long- Metric & Inch- 1.5mm to 12mm [12nos] & 1/16” to ½” [12nos].	01 Set
19.	Combination Pliers- 200mm [8”].	01 Set
20.	Long Nose Plier- 150mm.	01 Set
21.	Circlip Plier-Straight Tip [internal Circlip puller]-Length 175mm [7”].	01 Set
22.	Circlip Plier-Bent Tip [external Circlip puller]-Length 175mm [7”].	01 Set
23.	Center Punch-Forged tool Steel hardened & tempered – 6mm X 100mm [1/4” X 4”].	01 Set
24.	Ball Pen Hammer- Head length 355mm [14”]- 16 OZ.	01 Set

25.	Soft Face [Polymer] Hammer- Head Ø25mm.	01 Set
26.	Feeler Gauge- 25 Blades-300mm Long in Metric & Inch.	01 Set
27.	Measuring Tape- 5Mtrs metallic-Auto retractable.	01 Set
28.	Screw Extractor Set-Hexagonal Head- 3mm to 18mm [1/8" to 3/4"].	01 Set
29.	Spirit Level-ABS Plastic-3vials [horizontal, plumb & 45°].	01 Set
30.	Cold Chisel-Forged Chrome-Vanadium steel, hardened, quenched & tempered- 12mm X 150mm & 25mm X 150mm.	01 Set

Note: 1. All the above tools should be Stanley Proto / Snap-on / Baum make.
2. All the above tools must be supplied in a heavy duty 3/5 tray metal box with handles & locking arrangement.
