

NOTICE

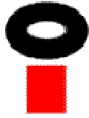
Other than the vendors to whom the enquiry has been issued, interested vendors who wish to participate in the tender may apply with proper credentials and other relevant details so as to reach Head-Materials, Oil India Limited, P.O. Duliajan, Dist. Dibrugarh, Assam – 786602 (E-mail : material@oilindia.in , Fax : 0374-2800533) within 10 days of publication of the tender in OIL's website.

The vendors must fulfill the following conditions for issuance of tender :

- i) The party should have experience Criteria as mentioned in the Bid Rejection Criteria of the tender.
- ii) Annual turnover of the firm in any of the last 3(three) financial years or current financial year should be more than Rs 23 Crores.

NOTE:

- i) Relevant documents in support of experience, last order and annual turnover must be submitted along with the application.
- ii) Application without complete supporting document will not be considered.
- iii) Issuance of tender does not necessarily mean the party is acceptable. Acceptance will be assessed based on Bid Rejection/Bid Evaluation Criteria and other requirement mentioned in the tender.



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

Telephone No. (91-374) 2800491
Fax No: (91-374) 2800533
Email: materials@oilindia.in ; mmfd1@oilindia.in

Tender No. & date : **SDG4059L15/09 of 03 .07.2014**

Tender Fee : Not Applicable
Bid Security Amount : Applicable

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

Date of pre-bid conference : 7th & 8th August 2014
Venue of pre-bid conference : KOLKATA, WEST BENGAL (INDIA)

Bid Closing date : As mentioned in the Basic Data of the tender in OIL's e-portal.
Bid Opening date : As mentioned in the Basic Data of the tender in OIL's e-portal.
Performance Guarantee : Applicable

OIL INDIA LIMITED invites bids for items detailed below:

Item No. / Mat. Code	Material Description	Unit	Qty
1.	CASED HOLE LOGGING UNIT WITH TOOLS AND ACCESSORIES AS PER THE FOLLOWING ANNEXURE: a) Detailed specification – Annexure - I. b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria – Annexure - II. c) Commercial Check list vide Annexure - III	NO	1

NOTES:

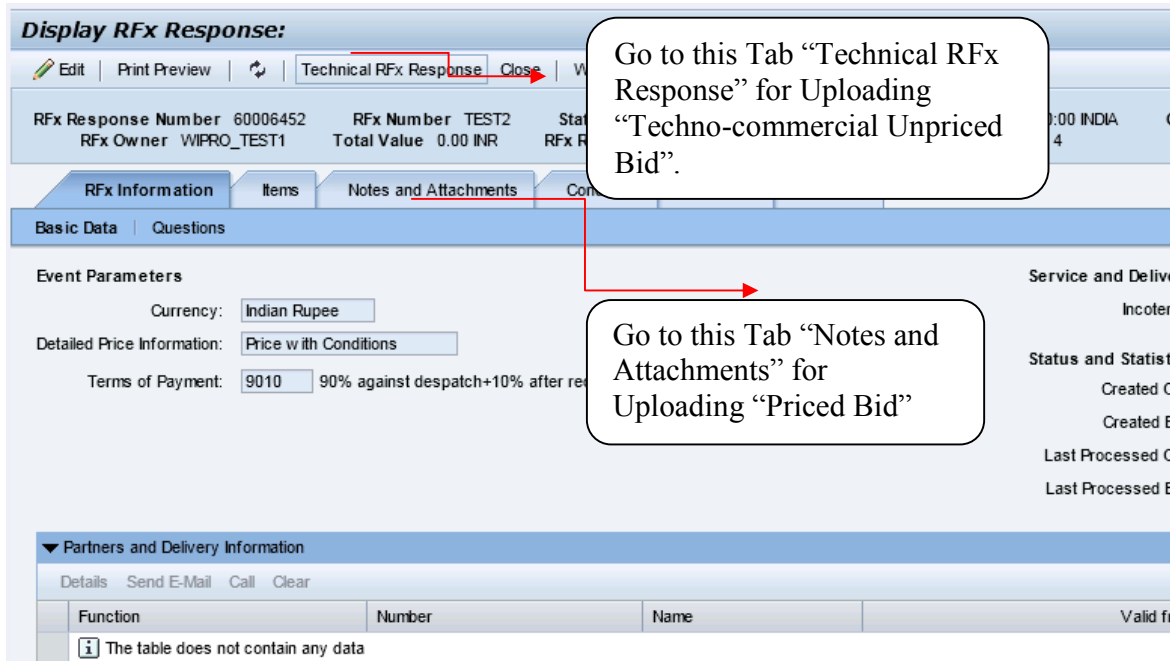
- (1) A Pre-Bid Conference with the vendors will be held at **Kolkata (India) on 7th & 8th August 2014** to discuss on the technical specifications and other terms and conditions of the tender. The exact venue and time of the Pre-Bid conference will be intimated to the eligible vendors at a later date.
- (2) Clarification on the technical specifications and other terms & conditions of the Cased Hole Logging Unit shall be provided to the vendors during the Pre-bid Conference. Bidders should come fully prepared to the Pre-bid Conference and submit their queries to OIL in the Pre-bid Conference for clarification. The set of queries may also be sent to OIL at least 7 (seven) days before the Pre-bid Conference for study by OIL.
- (3) Any changes in the technical specifications and other terms & conditions of the Cased Hole Logging Unit arising out of discussion in the Pre-bid Conference shall also form part of the tender document.

- (4) Bidders 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 : mmfd1@oilindia.in / materials@oilindia.in
- (5) Maximum two (2) representatives from each prospective bidder shall be allowed to participate in the pre-bid conference. All costs associated to attending the pre-bid conference by their representatives shall be borne by the interested Bidders themselves.

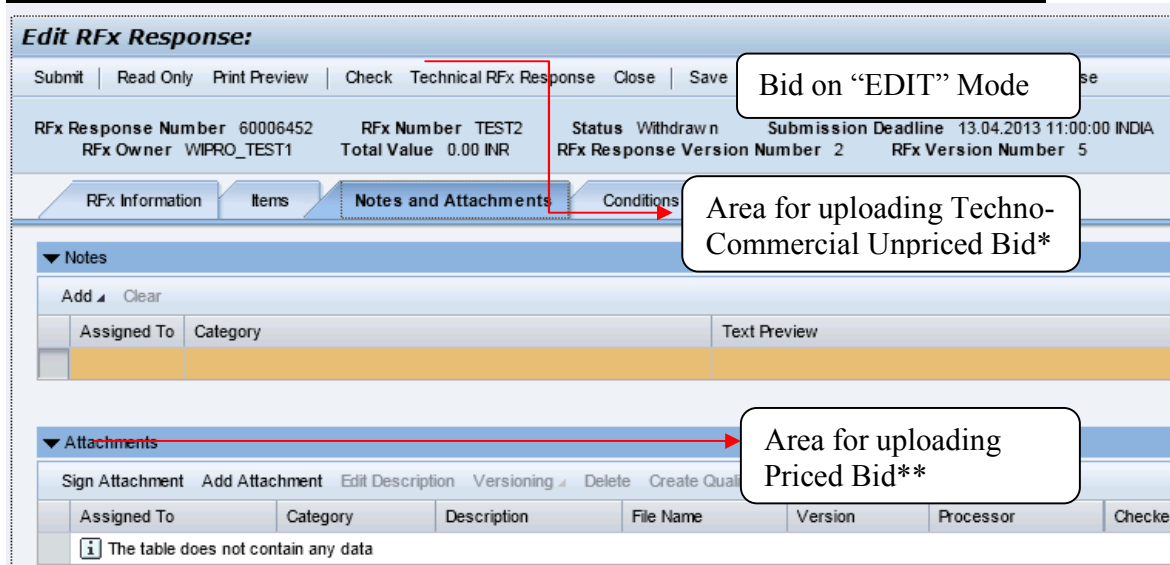
Special Notes :

- 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 Bid Rejection Criteria / Bid Evaluation Criteria is furnished vide Annexure-II of the tender document.
- 2.1 Commercial Check list are furnished vide Annexure-III. Please ensure that the check list is properly filled up and uploaded along with techno-commercial 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 MM/GLOBAL/E-01/2005 attached.
- 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) **Details Catalogue and any other document which have been specified to be submitted in original.**
- 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”.
- Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

A screen shot in this regard is given below.



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 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 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, training etc. shall be to the Bidder/Seller's account.
- (iii) Income Tax on the value of the Services rendered by the Bidder /Seller in connection with installation, commissioning, training etc. shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

8.0 Other terms and conditions of the tender shall be as per “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

9.0 **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. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. 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.

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

(I) SHRI N. GOPALASWAMI, I.A.S (Retd) ,
Former Chief Election Commissioner of India
E-mail Id: gopaldaswamin@gmail.com

(II) SHRI RAMESH CHANDRA AGARWAL , IPS(Retd)
Former Director General of Police
E-mail Id: rcagarwal@rediffmail.com

TECHNICAL SPECIFICATIONS FOR CASED HOLE LOGGING UNIT WITH TOOLS AND ACCESSORIES

PREAMBLE

The Logging Unit must be of latest technology, Computerized Truck mounted integrated Unit. The Unit should cater for Wire Line Cased Hole services and logging operations in oil/gas wells of 6000meters depth. It must have all basic fittings and performance specifications conforming to logging operations at international standard in addition to those specified below.

AUTOMOBILE AND HYDRAULIC SECTION

1. TRUCK CHASSIS

The truck chassis shall be of **Kenworth/ Peterbilt / International /Volvo make only** having specifications, fitments, accessories etc. as under-

1.1 DIMENSIONS (COMPLETE UNIT WITH LOGGING CABIN)

Overall Width - Not more than 2.6 meters.
Overall Height - Within 4.0 meters (approx.) from ground.
Overall Length - Within 10.00 meters.
Ground Clearance - **Not less than 25.00 cm.** However, if necessary, the bidder should mount subsequently fitted undercarriage component (i.e. other than those originally mounted components) at maximum height.

1.2 ENGINE

Water-cooled diesel engine of adequate power (250-300 HP at rated rpm) suitable for road drive of the truck as well as logging operation through single split drum winch system. While the engine shall conform to minimum BS-III/EURO-III or equivalent Emission Norms, the bidder must offer engine of make Caterpillar / Cummins/Volvo/ International only.

In case of engine with Electronic Controller System, Engine Fault Diagnostic Tools (both Software as well as complete Hardware) shall be supplied along with the unit. Bidder shall categorically confirm in the bid that the offered software is for the particular engine of the truck.

1.3 TRANSMISSION

The transmission shall be suitable for both road drive and logging operation and match with the engine output. It can be of either Automatic or Manual type.

1.4 DRIVE & STEERING

Drive	6 x 4
Cowl	Semi Forward Control.
Steering	Right Hand Drive Hydraulic Power Assisted Steering (Steering on right Hand Side inside the driver's cabin).
Turning Radius	Minimum Turning Circle Radius not more than 18.00 meters.

1.5 SUSPENSION, GVW & AXLES

- A. Front Suspension Heavy Duty Multi-leaf Spring suspension of suitable design with Shock absorbers.
- Rear suspension Rocker Beam (Walking Beam) suspension

Air Spring type suspension (both at front & rear) is not acceptable.

- B. Total Laden Weight - Within 30,000 Kg.
Front Axle Capacity - As per design.
Rear Axles Capacity - As per design.
- C. Rear axles shall have Inter Axle Lock & Differential Lock facility.
- D. Actual loading on each individual axle (all front and rear) shall be within 85% (eighty five percent) of maximum load bearing capacity of the respective axle i.e. **Total Weight (Total Laden Weight) of the unit with all items/equipments shall be within 85% (eighty five percent) of Maximum Permissible Gross Vehicle Weight (i.e. Total Axle Capacity) of the truck unit.**

1.6 WHEELS & RIMS

Suitable wheels (2 Nos. at Front Axle, 8 Nos. at Rear Axles) with **tube & tyre** of adequate ply rating with two sets of complete spare wheels (even in case of same front and rear wheels). **It is desired that bidder should offer front and rear wheels of same size & type. If not possible for design constraint, two spare wheels – one for each type shall be supplied.** Suitable lifting and mounting arrangement facility for the spare wheels shall be provided.

1.7 **BRAKES**

- A. **Service Brake** - Multiple Circuit Pneumatic S-Cam/Z-Cam_brake acting on all wheels.
- B. **Parking/Emergency Brakes** - Manual Hand Operated Parking Brake acting on all wheels. It shall automatically get engaged in the event of low/no air pressure.
- C. **All Emergency/Parking Brake Servos shall have manual release mechanism (Screw Type) to release the brake manually in case of low/no air pressure for maintenance.**
- D. **All air tanks shall have Drain Plugs.**
- E. **All wheel brake-drums shall have dust cover.**
- F. **Buzzer warning for low pressure.**

1.8 **FUEL TANK**

The Fuel tank shall be of adequate capacity to cater fuel demand for at least 24 Hrs. of continuous full load logging operation. Suitable strainer at the opening of the tank to prevent entry of foreign materials and locking arrangement shall be provided.

1.9 **DRIVER'S CABIN**

Factory built (original built & supplied with chassis by chassis manufacture) ergonomically designed floating steel/aluminum driver's cabin complete with Air Conditioner and all standard fittings/accessories.

1.10 **OTHER FITTINGS AND ACCESSORIES**

- A. Sufficient Side marker lights, Hazard warning lights, rear and side reflectors, Air Horn in addition to Electric Horn shall be provided for safe road movement.
- B. Suitable interior lights, drum lights, etc as per standard. General Rear Rig lights powered by battery. In addition, Quartz Rear Rig lights powered by generator supply.
- C. All electrical lights, fittings, components, connections etc. shall be suitable to operate in oil field areas. Lights shall be covered to the extent possible with suitable guard to prevent damage.
- D. All gauges & meters including Engine Tachometer & Hour Meter as per standard inside the driver's cabin. The Speedometer & the Odometer shall be with Metric KM calibration system only. Two Nos. fan inside driver's cabin.
- E. It shall be bidder's endeavour to provide the Engine Oil Pressure & Temperature meters, Air Pressure Meter, Transmission Oil Pressure & Temperature meters (if any) with warning indicators.
- F. Suitable Reversing Audio Alarm with Blinker lights at rear of the unit.
- G. Suitable Air Dryer with replaceable type filter element in truck pneumatic system.
- H. Well-covered and non-conducting material wrapped Vertical Exhaust located behind and projected above the top of the driver's cabin.
- I. Suitable heavy-duty Towing Hooks both at front and rear capable of pulling/towing the unit from bogged down situation in slushy areas in oilfields from front as well as rear.

- J. Electrical equipments like starter, alternator, etc. shall preferably be either of Lucas or Delco Remy make.
- K. Engine start only in transmission neutral position in case of automatic transmission
- L. Suitable electrical Master Switch to engage all electrical circuits from battery.
- M. Well covered Battery box, Standard Tool Kit in a portable box for general maintenance of the truck, heavy duty Grease gun, wheel wrench & handle, 2(two) Nos. 30 MT capacity hydraulic jack with handle, 2(two) nos. Stopper Block for rear wheels to prevent accidental movement of unit while in stationary position, etc.
- N. Suitable 2(two) Nos. jack support plates at rear end of the chassis/body to level the truck in slushy ground.
- O. First Extinguisher and First Aid Box etc. as per standard inside driver's cabin.

2.0 **HYDRAULIC SYSTEM FOR LOGGING OPERATION**

- A. The hydraulic system for logging operation shall be as per manufacture's design. However, the design shall ensure that the brakes of winch drums remain engaged until and unless the drums are selected for operation or the brakes are released. All hydraulic hoses shall be properly marked (**at both the ends**) for easy identification during maintenance/replacement.
- B. Winch shall be equipped with gearbox having 3 speed ranges.
- C. Hydraulic pumps and motors shall be of Rexroth/Sauer Danfoss/Pacher/Eaton/Dynapower.

3.0 **MANUALS & CATALOGUES**

The following Manuals & Catalogue **in printed form** shall be supplied along with the unit in addition to supply of the same in compact disc (CD) format. **Supply of the manuals/catalogues only in compact disc format is not acceptable. Similarly, all the manuals & catalogues shall contain only those components/systems that have been used in the unit i.e. the same must be CUSTOM ILLUSTRATED MANUALS/ CATALOGUES ONLY – not the generalized ones.**

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

- a. 3(three) sets of printed Spare Parts Catalogue and Workshop & Service Manual for all components/systems of the truck chassis like engine, transmissions, axles, brake, suspension, electrical & pneumatic systems, etc. with complete schematics of electrical & pneumatic circuits.
- b. 3(three) sets of printed Spare Parts Catalogue and Workshop & Service Manual for all components of the hydraulic systems for logging operation like hydraulic pumps, motors, winch drums, torque hubs (gearboxes) of winch drums, spooler arm, electrical/electronic control system of hydraulic operations, control panel circuitry, etc. complete with all hydraulic schematics (circuits) showing and labeling all components including hoses/pipes. Above shall be complete with functional logic explanation.
- c. 1(one) set of Engine Fault Diagnostic Tools manuals in case of engine with Electronic Controller System.

4.0 **SPARE PARTS**

All spares in specified quantity as indicated in the **Automobile Spare Parts List** vide Para 5.3 below shall be supplied along with the unit. Specific description, Part Nos., Make, etc. and Unit Price of each and every item (spare) shall clearly be indicated in the bid.

5.0 **BID SUBMISSION & DOCUMENTATIONS**

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

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

Transmission	- Automatic Transmission of Allison/Volvo make or manual gear box of Eaton Fuller make.
Hydraulic Pump & Motors	- Mannesmann Rexroth/Packer
Transfer Case (if any)	- Fabco
Torque Hub	- Fairfield
Wheel/Tyre Size	- 425/65R22.5- Front/11.00 R 22.5- Rear or 295/80R-22.5 Front /295/75R-22.5-Rear or Available Indian make tyres of size 14.00X20-Front/12.00X20-Rear of suitable ply rating.

5.1 The following documents shall be submitted along with the bid for bid evaluation

- a. Technical leaflets with detailed specifications, Make & Model of chassis, engine, transmission, power take off unit, transfer case (if any), axle, suspension, steering, wheel & rim, brake, etc.
- b. Detailed dimensional layout drawing/s illustrating Driver's Cabin, Logging Cabin, Rear Cabin and all major items/components.
- c. Technical leaflets with detailed specification, Make & Model of all hydraulic pumps, motors, torque hubs (gearboxes) of winch drums, brake mechanism of winch drums etc.
- d. List of items that shall be supplied under Engine Fault Diagnostic Tools (both Software as well as complete Hardware).
- e. List of tools that shall be supplied under Standard Tool Kit for general maintenance of the truck.
- f. Specific description, Part Nos., Make, etc. and Unit Price of each and every item (spare) as detailed in the Spare Parts List provided in the NIT.
- g. List of additional spares, if any, for 2(two) year maintenance as felt necessary but not covered in the Spare Parts List provided in the NIT with Description, Part Nos., Make, etc. including Unit Rate (for future reference/procurement only; not for bid evaluation).
- h. A Checklist as per enclosed format shall be furnished along with the bid. In case of any contradicting higher/better specification provided elsewhere in the bid, the specifications provided in Part 'A' of the said checklist shall only be considered for bid evaluation.

5.2 The following documents are to be submitted along with the supply/unit -

- a. Sale Letter, Pollution & Roadworthy Certificate (in similar format of Form 21 & 22A of Indian Motor Vehicle Act - sample copies enclosed), Engine Emission Norms Certificate, etc. as required under Indian Motor Vehicle Act for registration of the unit in the name of **Oil India Limited**.
- a. Final Chassis Built Up/Vehicle Content Record documents from chassis manufacturer.
- c. **Notwithstanding any clause mentioned elsewhere in the NIT, the Invoice for the complete unit shall be submitted in 2(two) parts separately as under**
 - i. **Invoice for truck chassis and logging cabin - it shall include the cost of the truck chassis with driver's cabin and cost of fabrication of the logging cabin only.**

- ii. **Invoice for logging equipments** - it shall include cost of all other equipments, draw works, hydraulic system, winch, tools, accessories, etc. subsequently fitted in the original truck chassis and supplied separately as part of the unit.

5.3 AUTOMOBILE SPARE PARTS LIST: The following spares for the unit shall be quoted separately cost of which shall be **considered for evaluation of the offers.**

i. **TRUCK SPARES :**

A. ENGINE -

1. Fuel Filter Element	10 Nos.
2. Water Separator Element	10 Nos.
3. Engine Oil Filter Element	10 Sets.
4. Air Filter Element	10 Sets.
5. Water/Corrosion Filter Element	10 Nos.
6. Fan Belt	4 Sets.
7. Alternator Belt	4 Sets.
8. Compressor Belt	4 Sets.
9. AC Compressor Belt	4 Sets.
10. Water Pump Repair Kit	2 Sets.
11. Water Hose	4 Sets.
12. Engine Mounting	2 Set

B. TRANSMISSION -

In case of Automatic Transmission -

1. Transmission Filter Element	4 Sets
2. Transmission Mounting	2 Set
3. Gear shifter (the one inside drivers cabin)	1 No
4. Gear shifter repair kit	2 Sets
5. Gear shifter hoses	2 Sets

In case of Manual Transmission -

1. Clutch Disc Assembly	2 Set
2. Pressure Plate Assembly	2 Set
3. Release Bearing	2 Set
4. Remote Gear Shift Cable, if any	2 Sets
5. Transmission Mounting	2 Set

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

1. Oil Filter Element, if any	4 Sets
2. Mounting	2 Set
3. Oil Seal	2 Set
4. PTO actuator Seal Kit	5 Set

D. FRONT AXLE -

1. Wheel Stud with Nut(s)	2 full set for 2 wheels
2. Axle Stud with Nut	2 full set for 2 wheels
3. Wheel Hub Oil Seal	4 full set for 4 wheels
4. Wheel Hub Bearing	2 full set for 1 wheel
5. Differential Oil Seal	2 Set

E. REAR AXLE -

1. Wheel Stud with Nut(s)	2 full set for 4 wheels
2. Axle Stud with Nut	2 full set for 4 wheels
3. Wheel Hub Oil Seal	2 full set for 8 wheels
4. Wheel Hub Bearing	2 full set for 2 wheels
5. Differential Oil Seal	2 full set for both differentials
6. Differential Filter Element (in any)	2 Set

F. DRIVE LINE (Propeller Shaft)

1. UJ Cross (Spider and Bearing) for both Front & Rear Propeller shaft	2 Set
2. UJ Cross (if any) for Hyd. Pump	2 Set
3. Drive line Assly for PTO drive	1 Set

G. STEERING -

1. Steering Oil Filter Element	2 Set
2. Steering Pump Repair Kit	1 Set
3. Steering Box/Cylinder Repair Kit	2 Set
4. Tie Rod End (for both sides)	2 Set
5. Steering Pump complete	1 No

H. BRAKE & PNEUMATIC CIRCUIT -

1. Foot Brake Valve Repair Kit	3 Sets
2. Repair Kit for Front Wheel Servo	4 Sets (for 4 servos)
3. Repair Kit for Rear Wheel Servo	8 Sets (for 8 servos)
4. Air Dryer Filter Element	8 Nos.
5. Repair Kit for all Pneumatic Valves	1 Set each

I. ELECTRICAL -

1. Engine Starter (for truck engine)	1 No.
2. Alternator (for truck engine)	1 No.

ii. HYDRAULIC SYSTEM & ITS COMPONENTS

1. Hydraulic Filter Element	10 Sets
2. Repair Seal Kit for Hydraulic Pump	1 set for each pump
3. Repair Seal Kit for Hydraulic Motor	1 set for each motor
4. Repair Seal Kit for all Hydraulic Valves	1 set for each valve
5. Hydraulic Hose (all the hoses used in the system)	1 Set
6. Repair Seal Kit for Torque Hub	1 set for each hub
7. Repair Seal Kit for all other Hydraulic Actuators	1 set for each actuator
8. High/Low clutch control valve	2 Nos.
9. Brake valve for winch	1 No.
10. Solenoid for Pump control	4 Nos.

NOTE -

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

3. Bidder shall also quote separately for any additional spares with similar details as felt necessary but not covered in this list for future reference/procurement - not for bid evaluation.

5.4 Following items shall be quoted by the bidder separately in the prescribed format, which may be procured against a separate order from the successful bidder. **Price quoted for this list shall not be considered for bid evaluation.**

Srl. No.	Name of the part	Part Number	Cost per unit
1	ECM of the offered engine		
2	Wiring Harness from driver's cabin to engine.		
3	Wiring harness from logging operator's cabin to engine.		
4	Sensors for the engine (all sensors present in the engine)		
5	Injectors		
7.	Water Pump		
8	Wheel rim		
9	Brake shoe		
10	ECM for ABS		
11	Sensors for ABS		
12	Clutch disc- in case of manual transmission.		
13	Clutch cylinder repair kit- if available(in case of manual transmission)		
14	Seal kit for transfer case (in case transfer case is present)		
15	All Major Valves present in Hydraulic ckt.		
16	Repair kit for actuators-spooler etc.		
17	Charge pump for main pump		
18	Charge pump for motor for driving the alternator.		
19	Tires for wheel		

CHECKLIST**Part A TECHNICAL**

Sl. No.	PARAMETERS/REQUIREMENTS		BIDDER'S OFFER (To indicate details or yes/no, as applicable)	REMARKS, IF ANY
1.	Overall Dimensions (Width, Height & Length) of complete unit			
2.	Ground Clearance			
3.	Make & Model of Chassis			
4.	Wheelbase			
5.	Engine	a Make & Model		
		b Max. Output Power		
		c Max. Output Torque		
		d Naturally Aspirated or Turbo Charged		
		e <i>Emission norms</i>		
		f Control System (Electronic?)		
6	Transmission	a Make & Model		
		b No. of gears		
		c High/Low option		
7.	Make, Model & Type of Transfer Case (if any)			
8.	Drive			
9.	Cowl			
10.	Make, Model & Type of Steering System			
11.	Minimum Turning Radius			
12.	Make, Model & Type of Front Suspension			
13.	Make, Model & Type of Rear Suspension			
14.	Max. permissible Gross Vehicle Weight			
15.	Total weight of the unit (i.e. Total Laden Weight)			
16.	Axle capacity	a Front		
		b Rear		
17.	Axle Loading	a Front		

		b Rear		
18.	Inter Axle Lock facility for rear tandem axles.			
19.	Axle Loading within 85% of capacity.			
20.	Type, Size of Wheel & Tyre	a Front		
		b Rear		
21.	Type of Service Brake	a Front		
		b Rear		
22.	Type of Wheel Brake Servos	a Front		
		b Rear		
23.	Fuel Tank capacity.			
24.	Seating arrangement & capacity in Driver's cabin.			
25.	Reversing Alarm with Blinker Lights			
26.	Electrical fittings/equipments suitable for hazardous oilfield area.			
27.	Speedometer/Odometer in Metric (KM) calibration.			
28.	Additional meters & gauges for transmission and engine parameters monitoring inside logging cabin.			
29.	Provision of Air Dryer in truck's pneumatic system.			
30.	Towing Hooks at front & Rear of the truck.			
31.	Make of Starter, Alternator, etc. of engine.			
32.	Winch drum brakes (as per NIT stipulations).			
33.	Make & Model of Hydraulic Pumps.			
34.	Make & Model of Hydraulic Motors.			
35.	Make & Model of Torque Hubs of winch drums.			
36.	Marking of hydraulic hoses (<u>at both the ends</u>) for easy identification during maintenance / replacement.			

Part B DOCUMENTATIONS

Sl. No.	DESCRIPTIONS	DOCUMENT ENCLOSED Yes or No	REMARKS, IF ANY
1.	Technical leaflets with detailed specifications, Make & Model of chassis, engine, transmission, transfer case, power take off unit, axle, suspension, steering, wheel & rim, brake, etc.		
2.	Detailed dimensional layout drawing illustrating Driver's Cabin, Logging Cabin, Rear Cabin and all major items/components.		
3.	Technical leaflets with detailed specifications, Make & Model of all hydraulic pumps, motors, torque hubs		

	(gearboxes) of winch drums, brake mechanism of winch drums, etc.		
4.	List of items that shall be supplied under Engine Fault Diagnostic Tools (both Software as well as complete Hardware).		
5.	List of tools that shall be supplied under Standard Tool Kit for general maintenance of the truck.		
6.	Specific description, Part Nos., Make, etc. and Unit Price of each and every item (spare) as detailed in the Spares Parts List provided in the NIT.		
7.	List of additional spares as felt necessary for 2 years maintenance but not covered in the Spares Parts List provided in the NIT with Description, Part Nos., Make, etc. including Unit Rate (for future reference/procurement only; not for bid evaluation).		

Signature _____
Name _____
Designation _____
Date _____

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

SALE CERTIFICATE

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

Name of the buyer

Address

The details of the vehicles are as under -:

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

Date:

Signature of the manufacturer / dealer

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

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

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

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

Signatures of Manufacturer / Body Builder

LOGGING SECTION

2.0 Electrical Power System / Equipment:

- 2.1 Hydraulic driven, Heavy Duty, Electric Power Generator of adequate capacity should be provided for power requirement of all the appliances, internal and external to the logging unit.
- 2.2 The Alternator output voltage should be regulated for less than a 5 volt difference between no load and full load voltage.
- 2.3 The Alternator should have an over voltage protection circuit to prevent spikes being applied to the electrical system.
- 2.4 A suitable power intake point is to be provided to feed power into the unit from external source. Flexible cable (Approx. 20M in length) with suitable plug for the purpose should be provided.
- 2.5 Internal accessory outlets are to be provided.
- 2.6 Exterior power outlets should be properly covered.
- 2.7 Wiring should be accessible for maintenance and service. Entire wiring should be well documented.
- 2.8 Back up electrical power source of minimum 6 KVA capacity should be provided. One of the following backup power systems should be provided with manual switchover connection :
 - (a) One Diesel Generator mounted on the unit in addition to the main hydraulic alternator.

OR

 - (b) One hydraulic alternator fitted on the unit in addition to the main hydraulic alternator.

3.0 Logging Cabin:

- 3.1 Cabin roof should be suitably designed to drain out the rain water
- 3.2 Logging cabin should be fitted with two (02) numbers roof mounted air conditioners, each of minimum 13500 btu.
- 3.3 The air conditioners should be at a suitable position to facilitate repair or replacement.
- 3.4 Proper metallic cover should be provided to protect the air conditioners from external damage.
- 3.5 Temperature and humidity indicator are to be provided inside the cabin.
- 3.6 Cabin pressurization system should be provided to pump filtered fresh air in to the logging cabin for preventing dust entry.
- 3.7 Two nos. of Swivel type chairs should be provided. One for the winch operator (fixed on the floor adjustable and removable) and one with rollers for the logging engineer. Additional sitting arrangement for at least two persons should be provided inside the cabin.
- 3.8 At least three nos. of drawers with locking arrangement to store manuals and other materials.
- 3.9 Slip proof metallic floor with suitable washable carpet.
- 3.10 Tinted windows, blinds are to be provided to minimize sunlight or external light glare through the windows.
- 3.11 A fire extinguisher at readily accessible location.
- 3.12 A first aid kit at readily accessible location.

- 3.13 The operator's console should include line load display, electronic depth display, engine RPM meter, oil pressure meter, air pressure meter and water temperature meter, Generator voltage and frequency.
- 3.14 110 V / 220 V AC along with 12V DC interior lights are to be provided.

4.0 Hoist and Spooling System

In addition to the standard features, the logging unit should have the following fittings/features as specified below:

- 4.1. Single split drum (with antirust / non-corrosive coating), to accommodate 7000 meters of each 7.9375 mm (5/16") O.D. and 5.556 mm (7/32") O.D. logging cables.
- 4.2. The hydraulic winch must be able to operate with standard 7.9375 mm (5/16") O.D. and 5.556 mm (7/32") O.D. cable in 6000 m deep wells. The required pulling out speed must be at least 100 m / min and must be able to maintain a continuous logging speed of 2 m / min.
- 4.3. Electrically operated pneumatic or hydraulic brake along with mechanical hand brake for the winch to be provided in the logging cabin.
- 4.4. Logging Cables specifications:

Cable O.D.	Breaking strength
i) 7.9375 mm (5/16")	11,000 Lbs
ii) 5.556 mm (7/32")	5,200 Lbs

Both the cables should be at least 7000 meter long monoconductor rated for minimum 204.4 ° C (400° F) temperature.

- 4.5. The cable should be of 'CAMESA', or 'ROCHESTER' make.
- 4.6. A Certificate should be provided confirming micro fractures and cracks free base / mounting frame of the cable drums after passing through nondestructive tests.
- 4.7. Electrically or pneumatically controlled line oiler system for cable drum with the operating switches on the winch operator's control panel.
- 4.8. Overhead cable spooling systems for 7.9375 mm (5/16") O.D. and 5.556 mm (7/32") mono conductor cable.
- 4.9. Metric depth measuring system (Make: Benchmark, Model: AM5K) which includes line load measuring system to measure line tension up to 20000 lbs.
- 4.10. A small door to be provided externally for easy access to the slip-ring.
- 4.11. Grounding reel fitted with at least 50 M cable with clamps for grounding at well head and rig during plug/packer setting, perforation, back off and other allied wire line operations.
- 4.12. Rear bumper should be fitted with a working vice and folding step.
- 4.13. All the electrical wires running in the winch / draw works compartment must be concealed/conduit.

5.0 Storage system within the Logging Unit :

- 5.1 Two separate compartments, one for carrying Explosive Shaped Charges and the other for carrying Electric Detonators should be provided. These two compartments should be separated by a distance of minimum 1.5 meters as per Indian Explosive Rules. The inside of these compartments

should be paneled with good quality non-sparking material. These two individual compartments should be minimum 1.15 meters away from the electrical power sources and fuel tanks mounted in the Logging Truck. The minimum size of the compartments carrying explosives should be as follows –

Compartments	Length (meters)	Breadth(meters)	Height(meters)
For charges	0.8	0.6	0.6
For Detonators	0.3	0.2	0.2

- 5.2 Tool racks should be equipped with suitable air bags for transportation of logging tools and perforating guns. Air bags should be suitably positioned to facilitate easy replacement. Enough storage space should be provided to carry at least 8 nos. 4” hollow steel carrier guns. The length of these racks should be 4.3 mts (14 feet) each. Additional racks should be provided to transport at least 4 nos. of logging tools with diameter ranging from 1 11/16” to 3 1/4”. The length of these racks should be 5 mts (16.4 feet) each.
- 5.3 Fixed positions should be provided for transportation of one pair of sheave wheels required for logging operation.
- 5.4 Separate compartments for carrying hand tools / wrenches and other logging accessories to be provided.
- 5.5 A suitable mounting arrangement for the high pressure grease control head to be provided near the spooler.

6.0 Surface Logging System :

- 6.1 The log data acquisition and processing system should be a rack mounted PC based “Warrior” system, integrated collection of state-of-art hardware & software. It must be field proven, latest version logging system, capable of performing the following logging & completion operations.
 - a. All types of Perforations and Plug / Packer setting through wireline pressure setting tool.
 - b. Free Point survey
 - c. Shooting CCL and Shooting Gamma Ray logs.
 - d. Gamma ray / Neutron / Casing Collar Locator combination logs.
 - e. CBL / VDL / GR / CCL combination logs. **(System should include SDS CHIP panel with CBL/VDL interface card that supports tools of Halliburton, Artex and GE OIL & GAS make)**
 - f. Production logging survey **(System should include SDS CHIP panel with PLT interface card for GE OIL & GAS make tools).**
- 6.2 It should have a Shooting Panel with following features:
 - a. A key type safety switch.
 - b. It should be designed as per latest API recommended practices(API-RP)

- c. It should be able to supply “+”ve and “-”ve shooting voltage for all types of shooting operations.

6.3 LED displays should be used for Depth and line speed monitoring for winch operator.

7.0 **Logging System Hardware:**

It must be a state-of-the-art **PC based** Warrior logging system. In addition to other standard fittings / accessories, the system should include at least the following features.

7.1	RAM	2 GB(minimum)
7.2	Hard Disk	500 GB (minimum)
7.3	Color Monitor	17” TFT type (minimum)
7.4	High Resolution Thermal Graphic Recorder. (Capable of taking Log prints both on paper and film).	2 Numbers (quantity)
7.5	Continuous color printer to print colored logs.	1 Number (quantity)
7.6	DVD writer.	1 Number (quantity)
7.7	USB port to transfer data	3 (minimum)

8.0 **Logging System Software:**

- 8.1. The system should be based on latest version windows based operating system. Software should be menu driven, user friendly with multitasking capability. Perpetual license for all supplied software should be provided.
- 8.2. All software & manuals must be in English language only.
- 8.3. Detailed help on systems should be available.
- 8.4. The software must be capable of performing all well completion and logging operations as given in clause **6.1**.
- 8.5. The System must be able to convert log data into API standard LIS and ASCII format.
- 8.6. Log head and log tail with ‘OIL INDIA LTD.’ logo to be provided.
- 8.7. Log labeling facility to be provided.
- 8.8. It should be able to provide tool diagram and well sketch that can be plotted along with the log.
- 8.9. It must include automatic depth correction software.
- 8.10. Utilities like splice, merge and edit of logs to be provided.
- 8.11. It should be capable of logging both in meters and feet.
- 8.12. Virus protection Software must be provided in the system with backup in CD/DVD.

- 8.13. The bidder should give an undertaking to update the software as and when updates are available for a period of 10 years from the date of commissioning of the unit at no cost to OIL.
- 8.14. All software used in the system must be provided on CD / DVD's as back up.
- 8.15. Diagnostic software for surface system if available, to be provided.

9.0 Essential Equipments:

The Bidders should quote for all the essential items for each logging unit as specified in this document.

9.1 Pressure Control Equipment :

The following equipment for pressure control system rated for 10,000 psi working pressure including all the accessories and quantity as mentioned below should be provided. The following equipments should be either M/s "National Oilwell Varco" or M/s "Vanoil Equipment Inc" make.

i.	63.5 mm (3.0 ") I. D. × 1.8 mts (6 ft.) long light weight alloy lubricators having one ½ " NPT port 18 " from bottom.	2 Nos.
ii.	63.5 mm (3.0") I. D. × 3.1 meters (10.2 ft.) long light weight alloy lubricators	3 Nos.
iii.	Solid tube grease injection control head (working pressure 10,000 psi) with solid type flow tubes for 7/32" cable complete with hydraulic packing nut assembly.	2 No.
iv.	Flow tube for 7/32" cable (over gauged)	40 Nos.
v.	Flow tube for 5/16" cable (over gauged)	20 Nos.
vi.	Metallic Line bushing (7/32" and 5/16")	10 Nos. each
vii.	Line rubber (7/32" and 5/16")	20 Nos. each
viii.	All other spares and consumables of the grease control head for 7/32" and 5/16" OD cable (the bidder must quote all the spares and consumables required for grease injection control head).	10 sets each
ix.	Head catcher to catch 1 7/16" cable head with safety union.	1 No.
x.	Hydraulic activated Blow out Preventer (single type, light weight) fitted with ram for 7/32 " cable with a) Spare Ram for 7/32" cable - 2 set b) Spare ram for 5/16" cable – 2 set	1 No.
xi	Hydraulic twin hand pump for simultaneous BOP and Tool trap operation.	2 Nos.
xii.	Hydraulic activated Tool trap.	1 No.

xiii.	A complete integrated, built-in grease injection system for pressure control, comprising of grease tank (capacity minimum 200 liters) and hydraulic driven pump (Sauer danfoss or equivalent make) in the logging unit with their controls at suitable place easily accessible to the operator should be provided.	1 set.
xiv.	Hydraulic hand pump (single operation) for line wiper, staffing box or tool catcher.	1 No.
xv.	Swedge adaptable to 2 7/8" EUE	2 Nos
xvi.	Necessary high pressure light weight hoses (at least 50 meters) for grease injection with return line of equal length should be provided with reel fitted to the unit. a) Spare high pressure light weight hoses same as above with necessary connections and adaptors:	1 set 4 sets
xvii.	Lubricator hanger and clamp assembly	2 sets

10.0 Basic / Rig up Accessories:

- 10.1 **Rig voltage monitor:** One rig voltage monitor mounted inside the cabin, with 50 meters long leads and accessories to measure a minimum rig voltage of 0.20 Volt at well site.
- 10.2 **Communication System:** Two way communication system for communication from cabin to rig floor and vice versa.
- 10.3 Each Logging unit should be fully equipped with rig up and other standard accessories for straight away commissioning of the unit. Detailed lists along with price break up for each item is to be provided. However, certain operationally **vital items with quantity as mentioned below** are to be included and confirmed in the offer.

10.3.1	Minimum 43.18 mm (17") dia., Upper and Lower Sheaves suitable for the 7.9375 mm (5/16") O.D mono-conductor cable with floor stand etc.	3 sets
10.3.2	Minimum 35.56 mm (14") dia., Upper and Lower Sheaves suitable for the 5.556mm (7 /32") O.D mono-conductor cable with floor stand etc.	3 sets
10.3.3	T - Hangers for 7.9375 mm (5/16") and 7/32 cable.	2 No each
10.3.4	Elevator hook T - bar.	1 No.
10.3.5	Tie back chains of at least 8.534 m (28 ft) with hooks to tie lower sheave (rated for 7.5 ton).	2 Nos.
10.3.6	Goose Neck for 1 7/16" cable head.	2 Nos.

10.3.7	Hydraulic Cable Cutter with 10 nos. extra blade.	2 No.
10.3.8	Portable Analog Triplett multi-meter.	2 Nos.
10.3.9	Blasting Galvanometer with case and 5 extra cells.	2 Nos.
10.3.10	609.6 mm (24") "Rigid" make pipe wrenches.	10 Nos.
10.3.11	457.2 mm (18") "Rigid" make pipe wrenches.	12 Nos.
10.3.12	C - Wrenches to open lubricator connections.	8 Nos.
10.3.13	Electronic toolbox with standard tools & kits ("Jenson" make).	1 No.
10.3.14	Mechanical toolbox with standard tools & kits ("Craftsman" make).	1 No.
10.3.15	Choke Blocks.	2 Nos.
10.3.16	Record Vice, (hinged pipe vice) Size ½" to 6", for mounting on workbench, ("RIDGID" make).	1 No.
10.3.17	Chain tongs – 18" and 24 "	10 Nos. each
10.3.18	Cable head (1 7/16" OD) for i) 7/32" OD cable ii) 5/16" OD cable	10 Nos each
10.3.19	Any other items, which are operationally required.	2 sets each

11.0 Down hole Logging Tools and accessories:

11.1 Logging Tools:

All the down hole logging tools as mentioned below should be rated for minimum 104 MPA (15,000 PSI) pressure and 177 °C (350 °F) temperature. Temperature rating should be for a minimum of one-hour continuous exposure in the well bore.

The tools and cable head should have thread size 1 3/16" - 12 N – 2 ("GO" connection.)

i.	BAKER Model E4 Size # 20 Wireline Pressure Setting Tool To be connected with 3 1/4" CCL with quick change coupling (GO type)	2 Nos.
	a) Spare Firing Head for the above	4 Nos.
ii.	JUNK CATCHER equivalent to BAKER model 'H' Size #20 with Gauge Rings for following casing/liner sizes : a) 5" liner b) 5 ½" casing c) 7" casing	2 Nos. 4 Nos. 10 Nos. 4 Nos.
	To be connected with 3 1/4" CCL with quick change coupling (GO type)	

iii	Shooting CCL 1 11/16 “	02 Nos each
iv	Shooting CCL 3 ¼ “ or 3 1/8 “	02 Nos each
v	Sinker bar 1 11/16” (Lead)	04 Nos
vi	Sinker bar 2 1/8” (Lead)	04 Nos

11.2 Operating Accessories for Down hole Tools:

The bidders must quote all essential equipment / accessories required for all the above logging tools including the followings:

- (a) Testing equipments required at our base for operating and maintaining the above logging tools etc., giving detailed break up of prices for all the items / sub-items.
- (b) Electronic / Mechanical Tool box, including special tools required for maintenance of all tools mentioned in clause 11.1

12.0 Spares & Consumables

- 12.1 Spare CPU same as one fitted in the logging system - 1 (One) no.
- 12.2 Standby mobile computer for logging (Laptop) - 1 (One) no.
- 12.3 Thermal paper roll - 100 rolls
- 12.4 Thermal film roll - 25 rolls
- 12.5 Fanfold paper for color printer - 2000 sheets (min)
- 12.6 Spare Roof mounted air conditioners same as fitted in the Unit - 2 (Two) nos.
- 12.7 Minimum recommended essential spares, including vital & critical ones, redress kits & necessary consumables for all the downhole logging tools as stated in clause 11.1 are to be quoted for 2 years operations considering the following number of jobs against the tools mentioned below -

a	Pressure setting tool	50 runs per annum
b	Junk Catcher	50 runs per annum
C	Cable reheading kit for 7/32” and 5/16” cablehead	04 Nos. each.
d	Cable head rehead spares (Cone, Cone retainer etc.) for 5/16 and 7/32 cable	100 sets each

- 12.8 Spare measuring head with depth and tension device panel / accessories same as fitted in the unit - 1 no.
- 12.9 One number of each type of panels used in the surface logging system
- 12.10 Spare hydraulic pump for grease injection same as fitted in the truck. - 1 no.

- 12.11 Perishable consumables like thermal paper, film etc and are to be Air Freighted up to Kolkata, India.
- 12.12 The price of the above should remain valid for 6 (six) months from the date of closing of the bids and will be considered for bid evaluation.
- 12.13 The Bidder must submit a written commitment that the spares and consumables will be supplied on chargeable basis to OIL for a period of 10 years from the date of closing of the bids.

12.14 RECOMMENDED SPARE LIST :

Bidders are required to quote their recommended spares, redressal kits, consumables with quantity containing unit rate, part number and extended price etc., required for 2 (Two) years of uninterrupted operation and maintenance considering approximately 300 runs (in the well) per year. These are required for OIL's future reference / procurement only, and will **not be considered for bid evaluation.**

- i. **Power generation system including backup system(clause 2.8)**
- ii. **Truck mounted assemblies**
- iii. **Surface electronic system**
- iv. **Operational accessories of the unit**

- 12.15** Bidders are required to submit a standard price list of the entire items used in the offered logging unit. The price list must include all electronic, electrical, mechanical and hydraulic items, accessories and consumables for the truck mounted assemblies, Sub assemblies, surface electronic system and downhole tools including explosives & consumables for sidewall core operations. The price list should contain description, part number and unit price of each item and must be **valid for a minimum period of two years** from the date of successful commissioning of the Logging truck and downhole tools. **The above is required for OIL's future reference / procurement only, and will not be considered for bid evaluation.**

13.0 General System Features:

The offered logging unit should be of latest technology, equipped with standard equipment, subsystems and accessories. High reliability components should be utilized for design of the equipment. Control systems for truck and hydraulic systems should be reliable, rugged and suitable for adverse oil field conditions. Detailed maintenance schedules along with trouble shooting guides are to be provided.

- 14.0** The bidder must confirm in writing along with their bid that they possess all standard testing & calibration facilities at their manufacturing Base / Testing centre, including pressure / temperature testing etc., for all the tools offered by them against this tender.
- 15.0** The logging truck, tools and accessories offered against this bid must be latest and state-of-the art in the Industry with capability of trouble free data recording and seamless data transferring up to well depth of at least 6000 mtrs. And must have been field proven for at least 1 year prior to bid closing date.
- 16.0** The bidder should also have proper R & D facilities for development and upgradation of their equipments.

17.0 TECHNICAL MANUALS AND DOCUMENTATION:

The following technical manuals and documentations mentioned in Clauses 17.1 & 17.2 are to be supplied **at no charge to OIL:**

17.1 THE FOLLOWING DOCUMENTS SHALL BE SUBMITTED ALONG WITH THE BID FOR BID EVALUATION:

- a. All the documents should be in English language only.
- b. Technical leaflets, literatures with detailed specifications, Make & Model of Logging Truck, Downhole Tools, Surface System etc. offered in the Bid.
- c. Block Diagram of the surface Logging System containing all panels.
- d. Layout Drawing of proposed logging Cabin

17.2 THE FOLLOWING DOCUMENTS SHALL BE SUBMITTED ALONG WITH THE SUPPLY OF THE LOGGING TRUCK:

- a. Four sets each of Operations and maintenance Manuals covering all Mechanical, Electrical, Electronic systems and sub-systems, Schematics of all the systems and sub-systems, including downhole logging tools in properly bound volumes
- b. Soft copies of all the above documents in CD / DVD.

18.0 Training & Inspection

18.1 Training to OIL Engineers (To be provided at the premises of the Suppliers):

The bidder will have to provide training for 3 (three) Field Engineers, 3 (three) Maintenance Engineers and 2 (Two) Transport Engineers at their training school which is equipped with requisite facilities. The training charges, if any, should be quoted separately which **shall be considered for evaluation of the bid**. However, passage and living expenses, including accommodation charges of OIL Engineers nominated for the training courses will be borne by OIL.

- A. **Logging Operation Engineers Training:** This should include detailed aspects of cased hole wireline logging, well completion system / different types of perforations and basic equipment trouble shooting at the Base & Fields in addition to the regular curriculum for Field Engineers' Training Course at the suppliers' Training School. Duration of the training period, locations of training and pre-requisites of the trainees, if any, should be specified in the bid documents.
- B. **Logging Maintenance Engineers Training:** This should include detailed theoretical and practical training on the logging system Hardware & Software, Down hole tools to be supplied with the unit, Hydraulic and Pneumatic systems for operation, trouble shooting & repair of the operators' winch and power generating subsystems of the Logging Unit in addition to the scheduled regular Maintenance Engineers' Training course at the Suppliers' Training School. Duration of the training period, locations and pre-requisites of the trainees, if any, should be specified in the bid documents.
- C. **Transport Maintenance (Automobile) Engineer's Training cum inspection:** After completion of manufacturing of the logging unit, the supplier will have to arrange a training program for OIL's Transport Engineer on maintenance of the Truck Engine, Mechanical, Hydraulic, Pneumatic systems and subsystems associated with the Logging Unit. Modalities of the arrangement proposed for this training at supplier's premises including duration of the training period and pre-requisites of the trainee, if any, should be specified in the bid documents. The training should include the following:

1. Engine and its control system.
2. Transmission, Transfer Case, PTO, Axle, etc.
3. Brake & Pneumatic system of truck chassis.
4. Complete Hydraulic System (as per the hydraulic schematics).
5. All Pumps & Motors and Torque Hub of winch drums of the hydraulic system.
6. Electrical/electronic control system for operation of hydraulic winch, alternator and all other hydraulic actuators.

18.2 INSPECTION CUM ACCEPTANCE:

The pre-shipment inspection of the equipments shall be carried out in 2 (two) phases:- Phase-1 : for Automobile and Hydraulic Section and Phase-2 : for Logging Section, both at the supplier's premises by a team of executives from OIL as mentioned below. It is to be noted that immediately after completion of the Transport Engineers' Training, the same team of two Transport Engineers from OIL will carry out the Phase – 1 inspection.

18.2.1 INSPECTION PHASE – 1: Automobile and Hydraulic Section:

The supplier shall facilitate pre-dispatch inspection of the logging unit at their Plant/Works for a minimum period of 01 (one) week by 2 (two) Transport Engineers from OIL at no additional cost to OIL. However, Passage and living expenses, including accommodation charges of OIL Executives nominated to carry out the inspection work will be borne by OIL. The period of inspection and acceptance process may accordingly be specified by the bidders in the bid documents.

The inspection cum acceptance process will include the following minimum tasks / steps:

- a. Physical verification/inspection of all the items/fittings/accessories including all Parts Catalogue, Maintenance & Service Manuals, Schematics, Final Chassis Built Up/ Vehicle Content Record documents, etc. and actual loading on axles. The supplier shall arrange driver/operator, weighing facility and any other infrastructure during the process of inspection as and when required.
- b. Operational testing of the trucks and the complete hydraulic system.
- c. Supplier shall take note of any minor modification/s for operational requirement suggested by the inspector and comply with the same at no extra cost.
- d. The minutes of inspection process would be prepared at the end of the inspection and jointly signed by both the parties.
- e. 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.

NOTE: The same team of 02 (two) Transport Engineers from OIL, immediately after completing the Transport Engineers Training (clause 16.1. C above), will carry out the Phase – 1 inspection for at least one week

18.2.2 INSPECTION PHASE – 2 : Logging Section:

The supplier shall facilitate pre-dispatch inspection of the logging unit at their Plant/Works for a minimum period of 02 (two) weeks by 2 (two) Logging Engineers in senior level from OIL at no additional cost to OIL. However, Passage and living expenses, including accommodation charges of OIL Executives nominated to carry out the inspection work will be borne by OIL. The period of inspection and acceptance process may accordingly be specified by the bidders in the bid documents.

The inspection cum acceptance process will include the following minimum tasks / steps:

- A. Physical verification of all the items as per the purchase order.
- B. Detail logging operations in test wells at supplier's site to verify winch operation, logging speed and other hydraulic and pneumatic systems.
- C. Functional testing of the logging system, down hole logging tools to their rated specifications, verification of records of Pressure, Temperature, Shock and Vibration testing carried out after manufacture of the equipment as applicable.
- D. Verification of all the test certificates for the logging unit, system and other documents.
- E. Checking of export invoices and discussing necessary modalities for safe transportation of the goods.
- F. Spare parts assessment in detail for surface system, downhole tools, truck hydraulic system etc.
- G. Technical discussions on any intended deviations from the purchase order and provide feedback to OIL with technical justification for approval of the order amendment by the competent authority.
- H. Inspection of Training Manuals and other Engineering Documents.
- I. The inspection and acceptance report would be prepared jointly and signed by representatives of both the parties at the end of the inspection process before dispatch of the equipment from the suppliers' premises.
- J. 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.
- K. Supplier shall affect despatch of the unit only on receipt of OIL's despatch advice.

18.3 Training and Inspection as stipulated above, is to be arranged by the supplier as per the following:

- A. After placement of the order, the supplier will be required to communicate the proposed training schedule for the Field Engineers & Maintenance Engineers to OIL at least 4 months in advance for each training program. OIL, in turn, would confirm acceptance of the schedule of training at least one month in advance for each program.
- B. After assessing the tentative readiness of the equipment, the supplier should communicate the proposed schedules of the logging unit & tools for inspection to O.I.L., with the confirmed date for inspection at least three months in advance. OIL, in turn, would confirm the scheduled date of visit of their personnel one month in advance to the supplier.

19.0 Installation and Commissioning

- 19.1** Installation and commissioning includes commissioning of the logging Truck, testing of all the downhole tools in the well and testing of all other goods supplied. The bidder will have to depute personnel with good communication capability in English and with minimum of five years experience in operations and maintenance of wireline logging and downhole tools, to OIL, Duliajan for field commissioning of the entire equipment. The bidders must quote for lumpsum commissioning charges which should include to and fro air-fare of their personnel. OIL will only provide accommodation, local transport, and food to the bidder's personnel free of charge. Immediately after receipt of all the materials by OIL at Duliajan, a written advice will be issued to the supplier asking them to commence installation and commissioning, which must be promptly acknowledged by the supplier. **Commissioning of the Logging Unit along with all the downhole tools and other accessories is to be completed within 03 (three) months from the date of receipt of such an advice from OIL (this three months period excludes the waiting time for well readiness).**

Supply of short-shipped and warranty replacement items is to be arranged, including Customs Clearance etc. by the suppliers or their authorized representatives at their cost within 03 (three) months from the date of completion of commissioning of the entire equipment. The bidder will be held responsible for any further delay in completion of commissioning of the goods at site and in case of defaulters, the Liquidated Damage Clause (Clause 18.4 below) will be made applicable.

19.2 In order to complete the field commissioning of the logging unit, downhole tools and accessories within the stipulated time-frame, all the spares and accessories which will be required during commissioning (due to failure of some components and/or any other materials required) are to be arranged (including Customs Clearance etc.) by the suppliers or their authorized representatives at the earliest, at site at their cost.

19.3 In addition to all other installation and commissioning jobs, all the downhole tools and pressure control equipment will be tested in OIL's oil/gas wells by carrying out actual logging operations. Each downhole tool and pressure control equipment must perform at least 02 nos. of successful logging jobs in two different wells. Each of these logging jobs will have to be carried out in a well-depth of 3500 meters (approx.) or more as required by OIL

20.0 LIQUIDATED DAMAGE:

Liquidated Damage will be levied for any failure on the part of the supplier in completion of installation and commissioning @ 0.5% per full week or part thereof to a maximum of 20% of the value of the installation and commissioning.

21.0 Warranty

21.1 Oil India Limited (OIL) reserves the right to inspect, test and wherever necessary, reject the goods after arrival of the goods at site, only if the said rejection is attributed to be the responsibility of the Bidder. It shall, in no way be limited or waived by reason of the goods being previously inspected, tested and passed by OIL or its representatives prior to the goods shipment from the country of origin.

21.2 Materials supplied as per the Purchase Order should be under warranty by the suppliers for a **minimum period of 01 (one) year from the date of successful completion of installation and commissioning of the entire equipment at site.** Any item / sub item failed during the above mentioned warranty period is to be replaced / repaired within 03 (three) months from the date of notification of such failure. The warranty of the repaired / replaced items shall be correspondingly extended by a period equal to that from the date of failure to the date of commissioning of the replaced/repaired item. In order to keep the equipment fully operational, all spares and accessories required during the warranty period is to be arranged at site by the suppliers or their authorized representatives, within 03 (three) months, at their cost (including Customs Clearance etc.).

22.0 Deviation from the technical specifications: The bidder must quote as per the tender requirement only and provide FULL INFORMATION wherever applicable in the bid. Bidders' response to each clause of the NIT must be submitted in a tabular format shown below with appropriate reference to the main quote.

OIL NIT Clause no.	OIL NIT clause description	Bidder's Response	Any deviation from NIT clause (Yes/ No)	Reason for deviation

After opening of the bids, in case any technical clarification is required on any bid, OIL will seek clarification from that bidder and the bidder will have to reply/clarify with complete details within the specified time mentioned by OIL. If not complied, that particular bid will not be considered for evaluation.

General Notes for Bidders :-

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

- 1.0 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 10 (ten) years from the certified date of completion / successful field commissioning of the Package. Original Equipment Manufacturer's undertaking must be forwarded for the items not manufactured by the bidder.
- 2.0 Installation & Commissioning :
 - 2.1 The successful bidder will be required to install and commission the Logging Unit as indicated vide Para 19.0 above by their competent service engineer.
 - 2.2 Installation/ Commissioning charges must be quoted separately (and should not be clubbed together with main equipment) on lumpsum basis which shall be considered for evaluation of the offers. Total Nos. of days required for commissioning shall also be clearly indicated by the bidders.
 - 2.3 While quoting Installation/Commissioning charges above, bidder should take into account all charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam and other expenses of supplier's personnel during their stay at Duliajan. OIL may provide accommodation on Chargeable basis subject to availability. Bidder should confirm about providing all these services in their Bid. However, OIL reserves the right to avail such services at its own discretion.
- 3.0 Pre-despatch Inspection and Training at supplier's works:
 - 3.1 OIL may depute representatives for inspection and testing prior to despatch at Ex-works as indicated vide Para 19.0 above for which a minimum of 75 days prior intimation has to be given by the supplier.
 - 3.3 Pre-despatch inspection charges, if any, shall be quoted separately which shall be considered for evaluation of the offers. To and fro fares, boarding/ lodging and other en-route expenses of OIL's Inspection team for carrying our inspection shall be borne by OIL.
 - 4.0 While quoting training charges above, bidder should take into account all charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam and other expenses of supplier's personnel during their stay at Duliajan. OIL may provide accommodation on Chargeable basis subject to availability. Bidder should confirm about providing all these services in their Bid.
- 5.0 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 on the value of the Services rendered by the Bidder /Seller in connection with installation/ commissioning etc. shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.
- 6.0 Payment : Payment shall be released as follows:

- i) 80 % of the supply (Logging Unit) value shall be released on supply of the Logging Unit against proof of despatch/shipment of the goods.
- ii) Remaining 20 % of the supply (Logging Unit) value along with installation & commissioning charges shall be paid after successful commissioning and acceptance of the Logging Unit by OIL at site.
- iii) Training charges will be paid only after successful completion of training.

OIL may consider making 100 % payment of the Logging Unit value towards supply of the Logging Unit against proof of dispatch/shipment provided bidders agree to pay interest @ 1% above prevailing Bank Rate (CC rate) of State Bank of India for 20 % of the Logging Unit value and also submit Bank Guarantee for the equivalent amount plus interest valid till successful commissioning of Logging Unit 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 the duration of commissioning time indicated in the tender plus transit time (3 months) for evaluation purpose.

7.0 Oil India Purchase Order No. must be engraved on the body of the item. Bidder must confirm the same categorically in their quotation.

8.0 Bidders are advised to submit details of previous supply record in tabular format as shown below:

SL NO	Client / Customer Name and Address with contact e-mail id	Order No / Contract No.	Date of order	<i>Cased Logging Unit</i> specification (Make, Model) & Quantity supplied	Completion date	Reference of supporting document enclosed
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BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)

(I) BID REJECTION CRITERIA (BRC)

The bids must 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 required minimum / maximum parameters stipulated in the technical specifications and to the respective international /national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected:

(A) TECHNICAL :

1.0 EXPERIENCE OF BIDDER

1.1 Experience as a Manufacturer:

The Bidder should be Manufacturer of Cased-Hole Wireline Logging Units. The bidder should satisfy the following clauses and documentary evidence should be enclosed along with the techno-commercial bid:

- a) The Bidder should have minimum 05 (Five) years of experience in manufacturing Cased-Hole Wireline Logging unit.
- b) The Bidder should have manufactured and sold minimum 05 (Five) numbers of Cased-Hole Wire line Logging Units to various companies which are in the business of 'exploration & production of hydrocarbons' and/or 'Oil Field Service Providers' during the last 05 (Five) years.
- c) The Purchase Orders mentioned above must have been effected to purchasers/clients based in **at least 02 (Two) different countries.**

For clauses (a), (b), & (c) above, the reckoned period shall be the period prior to the date of closing of the techno-commercial bid of this tender.

- d) Documentary evidence in respect of the above should be submitted with the bid in the form of copies of relevant Purchase Orders along with the following documents:-
(i) Dispatch documents (Invoice, Bill of Loading/Consignment, etc.), and
(ii) Successful Commissioning Report.
- e) In addition to the above, the bidder shall also furnish certificates/documents (which are to be submitted along with the bid) from at least 02 (Two) of their Customers certifying the satisfactory functioning of the Logging Units and Tools sold to them by the bidder. In case such documents are genuinely of confidential in nature or cannot be shared, then either the CEO or the Company Secretary of that bidding company must give an undertaking to the effect that his company has executed /completed such Orders and the Logging Units/Logging Tools sold by his company are performing to the best of satisfaction of the customers/ clients.
- f) Bids should be from Manufacturer of Cased Hole Wireline Logging Units. In case the bidder is not a manufacturer of Cased Hole Logging Units, its bid can also be considered provided the Cased Hole Wireline Logging Units offered is from Parent / Subsidiary / Co-subsidiary of any tier of same Group Company (any such relationship should be on 100% basis) who is a manufacturer of Cased Hole Logging Units, provided (i) the bidder submits documentary evidence regarding existence of such a relationship between the Bidder and the Manufacturer, (ii) the Manufacturer authorizes the Bidder to sell their products and services (viz. Installation & Commissioning services, Training services, etc.) mentioned in this tender document and submits a back-up authority letter from the concerned Manufacturer in its techno-commercial bid. However, in such case, the manufacturer (the Parent / Subsidiary / Co-subsidiary company of the bidder) of the offered Cased Hole Logging Unit on its own should meet the technical experience clauses as stipulated in the Para 1.1 (a), (b) & (c) above.

1.2 Experience as a Service Provider:

- a) The bidder must have **minimum of 2 (two) years of experience** in providing Wire-line Logging Services to companies which are in the business of "Exploration & Production of Hydrocarbon" **in India**.
- b) The bidder should have provided Wire-line Logging services to at least **02 (two) different countries other than its country of origin during the last 5 (five) years**.

c) The bidder must have its base in **India** with capability to provide immediate support / solutions to the Logging Units / Tools if required by OIL.

* The above Wireline Logging services provided by the Bidder may be as Parent /Subsidiary / Co-subsidiary of any tier of same Group Company (any such relationship should be on 100% basis).

* Experience of the bidder, as above, ***the reckoned period shall be the period prior to the date of closing of the techno-commercial bid of this tender.***

d) Documentary evidence in respect of the above should be submitted with the bid in the form of copies of relevant Contract Orders along with the following documents:-

(i) satisfactory completion / performance report, (or)

(ii) proof of release of Performance Security after completion of the contract, (or)

(iii) proof of settlement / release of final payment against the contract (or)

(iv) documentary evidence in the form of initial and final signed Job Tickets , Service Tickets.

2.0 Bids with qualifying conditions like “the product is under development and would be supplied by the time, etc.,” will be summarily rejected.

3.0 The Logging Unit:

3.1 The offered Logging Unit should be 6 × 4 drive, Heavy Duty integrated Logging Unit, suitable for use in rough terrain and bad oil field roads. Converted units like skids mounted on trailers will be rejected.

3.2 Offers of Left hand driven units (steering on Left hand side inside the driver’s cabin) will be rejected.

3.3 Offers other than diesel fuel driven units will be rejected.

4.0 **Surface Logging System** : The offered surface logging system should be a P.C. based, “Warrior” system, rack mounted, capable of performing at least the basic cased hole logging including production logging and well completion operations and perforations as described in clauses 6.1 of **Annexure - I** (Logging section)

5.0 **Tool specifications** : All the downhole logging tools as mentioned in clause 11.1 of **Annexure – I** (Logging Section) should be rated for minimum 104 MPA (15000 psi) and 177 °C (350 °F) temperature. The temperature rating should be for a minimum of 1 hour continuous exposure in the wellbore.

- 6.0 **Commitment for Spares:** Bidders must submit a written undertaking that all the spares and consumables will be supplied on chargeable basis to OIL for a minimum period of 10 (ten) years from the date of closing of bids.
- 7.0 **Periodic Update of Software:** The bidders should offer free updates of the Software for a minimum period of 10 (ten) years from the date of closing of the bid.
- 8.0 **Installation & Commissioning:** Offer for Installation & Commissioning of the equipment should be as per clause 19.0 of **Annexure – I** (Logging section) and its sub-clauses.
- 9.0 Offer for Training and Inspection should be as per clause 18.0 of **Annexure – I** (Logging section) and its sub-clauses.

10.0 **WARRANTY:**

The bidders should offer at least 1 (one) year warranty period for the entire equipment supplied from the date of completion of successful field commissioning of the entire equipment. Any item / sub-item failed during the warranty period is to be replaced / repaired within 3 (three) months and warranty for such items should be extended as mentioned in clause 19.0 of Annexure-I (Logging Section) of this document .

11.0 **Delivery:**

- i) Delivery will be essence of the contract. Delivery required against this tender is maximum 15 (fifteen) months from the date of opening of LC in case order is placed on the foreign supplier OR within 15 (fifteen) months from the date of receipt of order in case order is placed on indigenous supplier. Date of clean Bill of Lading (B/L in case of foreign supplier) or Consignment Note date (C/Note date in case of foreign supplier) shall be considered as delivery date.
- ii) Bidder must comply the above schedule and confirm in their Techno-Commercial bid. Bids not meeting time schedule as mentioned in the tender shall be summarily rejected.
- iii) In the event of the Seller's default in maintaining the quoted delivery schedule, seller shall be liable to pay liquidated damages @ 0.5% per week or part thereof of the material value of the order subject to a maximum of 7.5%. Liquidated damages amount, if any, shall be adjusted/deducted while processing the balance payment which is payable after commissioning.

(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 Techno-Commercial 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.
Any offer not complying with above submission procedure will be summarily rejected.
- 2.0 Bid security of US \$ 1,01,175.00 or Rs. 45,53,000.00 shall be furnished as a part of the **Techno-Commercial Unpriced Bid**. **Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration.** 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). **The Bid Security shall be valid for one year from the bid closing date i.e, upto 10.09.2015.**

- 3.0 Validity of the bid shall be minimum 6 months (180 days) from the bid closing date. Bids with lesser validity will be rejected.
- 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 equipment. Bidder must confirm the same in their Techno-Commercial Unpriced Bid. Offers not complying with this clause will be rejected.
- 5.0 Bidders must confirm that Goods, materials or plants(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a minimum period of twelve months from the date of successful completion of field commissioning of the Units at site at Duliajan, Assam (India) against any defects arising from faulty materials, workmanship or design. Defensive goods/materials or any item / sub-item failed during the warranty period notified by OIL is to be replaced / repaired within 3 (three) months on FOR Duliajan basis at no extra cost to OIL and warranty for such items should be extended as mentioned in clause 2.0 of SECTION-IV of this document. This guarantee shall survive and hold good notwithstanding inspection, payment for and acceptance of the goods.
- 6.0 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.
- 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 Bidders are required to submit the summary of the prices in their Priced Bid as per bid format (Summary), given below:**

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

- (A) Cost of items covered under Clauses 1 thru 11 of Annexure –I
- (B) Cost of spares, accessories, consumables as per Clauses 5.3 and 12.1 thru 12.11 of Annexure – I
- (C) Cost of Commissioning spares, if any
- (D) Grand Total Material Cost, (A + B + C)
- (E) Packing, FCA (Gateway airport) Charges for perishable consumable as per Clause No. 12.13 of Annexure - I
- (F) Packing & FOB (seaport) charges for Remaining items

- (G) Total FOB/FCA port/airport value, (D + E + F) above
- (H) Air Freight charges for perishable consumable as per Clause No. 12.13 of Annexure - I upto Kolkata, India
- (I) Ocean Freight Charges for Remaining items upto Kolkata, India
- (J) Insurance Charges
- (K) Total CIF Kolkata value, (G + H + I + J)
- (L) Training charges at bidder's works as per Clause No. 18.1 of Annexure-I
- (M) Pre-despatch/shipment Inspection charges as per Clause No. 18.2 of Annexure-I
- (N) Installation/Commissioning charges as per Clause No. 19.0 of Annexure-I
- (O) Total Value, (K + L + M + N) above
- (P) Total value in words :
- (Q) Gross Weight :
- (R) Gross Volume :

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

- (A) Cost of items covered under Clauses 1 thru 11 of Annexure –I
- (B) Cost of spares, accessories, consumables as per Clauses 5.3 and 12.1 thru 12.11 of Annexure – I
- (C) Cost of Commissioning spares, if any
- (D) Grand Total Material Cost, (A + B + C)
- (E) Packing and Forwarding Charges
- (F) Total Ex-works value, (D + E) above
- (G) Excise Duty including Cess, (Please indicate applicable rate of Duty & Cess)
- (H) Sales Tax, (Please indicate applicable rate of Tax)
- (I) Total FOR Dispatching station value, (F + G + H) above
- (J) Road Transportation charges to Duliajan
- (K) Insurance Charges upto Duliajan
- (L) Total FOR Duliajan value, (I + J + K) above
- (M) Training charges at bidder's works as per Clause No. 18.1 of Annexure-I
- (N) Pre-despatch/shipment Inspection charges as per Clause No. 18.2 of Annexure-A
- (O) Installation/Commissioning charges as per Clause No.19.0 of Annexure-I
- (P) Total Value, (L + M + N + O) above
- (Q) Total value in words :
- (R) Gross Weight :

(S) Gross Volume :

NOTE :

1. Cost of the individual items should be shown separately.
 2. Details of the Commissioning Spares indicating the qty, description and unit prices must be shown separately.
 3. The total FCA charges and FCA value of the items to be air freighted should be shown separately indicating the Gateway air port. Similarly for the items which are to be sea freighted, the FOB charges and FOB value should be indicated.
 4. The items covered under this enquiry shall 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.
 5. Banking charges in the country of the foreign bidder shall be borne by the bidder.
 6. Successful bidder shall offer the Logging Unit for Pre-despatch/shipment Inspection by OIL's team of technical/commercial 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 Engineers shall be borne by OIL.
 7. Training charges (as per clause 18.1), if any must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. Training charges at OIL's premises should include amongst others to and fro fares, boarding/lodging, local transport at Duliajan and other expenses of supplier's training personnel during their stay at Duliajan, Assam(India). In case of training at Bidder's premises, to and fro fares, boarding/lodging and other en-route expenses of OIL's personnel shall be borne by OIL.
 8. Installation/Commissioning charges (as per clause 19.0) 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).
 9. Bidders must categorically indicate Pre-despatch/shipment Inspection, Training and Installation / Commissioning charges in their offers and must confirm providing the same in their Techno-Commercial bids.
 10. All Income, Service, Corporate Taxes etc. towards the services provided under installation / Commissioning and Training shall be borne by the supplier and will be deducted at source at the time of releasing the payment.
- 11.0 Offers received without Integrity Pact duly signed by the authorised signatory of the bidder will be rejected.

(II) BID EVALUATION CRITERIA (BEC) :

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

A. TECHNICAL:

1.0 Spares and Consumables :

- 1.1 Cost of spares including consumables, critical items and accessories, as mentioned at Clauses No. 12.1 through 12.14 of Annexure - I will be considered for Bid evaluation. The validity of the quote for the same should be six months from the date of closing of the bids.
- 1.2 Perishable consumables like paper, film etc., are to be Air Freighted up to Kolkata, India and accordingly air freighted charges for these items shall be considered for evaluation.

(B) COMMERCIAL:

- 1.0 The evaluation of bids will be done as per the Price Schedule (SUMMARY) detailed vide Para 10.0 of BRC above.
- 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 bids are involved :

Comparison of bids will be done on the basis of “Total Value” which is estimated as under:

- (A) Cost of items covered under covered under Clauses 1 thru 11 of Annexure –I
- (B) Cost of spares, accessories, consumables as per Clauses 5.3 and 12.1 thru 12.11 of Annexure – I
- (C) Cost of Commissioning spares, if any
- (D) Grand Total Material Cost, (A + B + C)
- (E) Packing, FCA (Gateway airport) Charges for perishable consumable as per Clause No. 12.13 of Annexure - I
- (F) Packing & FOB (seaport) charges for Remaining items

- (G) Total FOB/FCA Port / airport value, (D + E +F) above
- (H) Air Freight charges for perishable consumable as per Clause No. 12.13 of Annexure - I upto Kolkata, India
- (I) Ocean Freight Charges for Remaining items upto Kolkata, India
- (J) Insurance Charges @ 1% of Total FOB/FCA Value vide (G) above
- (K) Banking Charges @ 0.5% of Total FOB/FCA Value vide (G) above in case of payment through Letter of Credit (If confirmed L/C required at buyers account, 1.5% of Total FOB/FCA Value will be loaded)
- (L) Total CIF Kolkata Value, (G + H + I + J +K) above
- (M) Training charges at bidder's works as per Clause No. 18.1 of Annexure-I
- (N) Pre-dispatch / shipment Inspection charges as per Clause No. 18.2 of Annexure-I
- (O) Installation/Commissioning charges as per Clause No.19.0 of Annexure-I
- (P) Total Value, (L + M + N + O) above

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

5.2 **When only domestic bids are involved :**

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

- (A) Cost of items covered under covered under Clauses 1 thru 11 of Annexure –I
- (B) Cost of spares, accessories, consumables as per Clauses 5.3 and 12.1 thru 12.11 of Annexure – I
- (C) Cost of Commissioning spares, if any
- (D) Grand Total Material Cost, (A + B + C)
- (E) Packing and Forwarding Charges
- (F) Total Ex-works value, (D + E) above
- (G) Sales Tax, as applicable on (F) above
- (H) Total FOR Dispatching station value, (F + G) above
- (I) Road Transportation charges to Duliajan as per quote
- (J) Insurance Charges @0.5% of Total FOR Dispatching station value (H) above
- (K) Assam Entry Tax
- (L) Total FOR Duliajan value, (H + I + J +K) above
- (M) Training charges at bidder's works as per Clause No. 18.1 of Annexure - I
- (N) Pre-dispatch/shipment Inspection charges as per Clause No. 18.2 of Annexure - I
- (O) Installation/Commissioning charges as per Clause No.19.0 of Annexure -I
- (P) Total Value, (L + M + N +O) above

Note : Excise Duty in case of the indigenous bidder is EXEMPTED

6.3 When both Foreign and Domestic bids 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 and Insurance charges worked out as per Para 5.2 above and Total Value of the foreign bidder worked out as per Para 5.1 above excluding inland transportation to destination 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, which 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.

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 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 Supply House / Distributor. To Specify-	Yes / No
2.2	If quoted as Supply House / Distributor,	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Supply House for the product offered ?	Yes / No
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	Yes / No
3.0	Whether ORIGINAL Bid Bond (not copy of Bid Bond) Sent separately as per the format vide ANNEXURE – VII (Revised) mentioned in the "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement? If YES, provide details	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
3.1	Whether offered firm prices ?	Yes / No
3.2	Whether quoted offer validity of Six months(180 days) from the date of closing of tenders ?	Yes / No
3.3	Whether quoted a firm delivery period? Delivery in months_____	Yes / No __ months
3.4	Whether agreed to the NIT Warranty clause ?	Yes / No
3.5	Whether confirmed acceptance of tender Payment Terms.	Yes / No
3.6	Whether confirmed to submit PBG as asked for in NIT ?	Yes / No
3.61	Whether agreed to submit PBG within 30 days of placement of order ?	Yes / No
3.7	Whether Price submitted as per Price Schedule (refer Para10.0 of BRC vide Annexure-II)?	Yes / No
3.71	Whether the quoted price is inclusive of Commissioning spares?	Yes / No
3.72	Whether all the items of tender quoted?	Yes / No
6.73	Whether confirmed that all spares & consumables will be supplied for a minimum period of 10 years ?	Yes / No
3.74	Whether cost of Recommended Spares for 2 years of operations quoted ?	Yes / No
3.8	Whether quoted as per NIT (without any deviations)?	Yes / No
3.81	Whether quoted any deviation?	Yes / No
3.82	Whether deviation separately highlighted?	Yes / No
3.9	Whether indicated the country of origin for the items quoted?	Yes / No
3.91	Whether technical literature / catalogue enclosed?	Yes / No
3.92	Whether weight & volume of items offered indicated?	Yes / No

4.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding ?	Yes / No
4.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
4.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	Yes / No
4.3	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?	
5.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
5.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
5.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
5.3	For Indian Bidders only - Whether indicated import content in the offer ?	Yes / No
5.4	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
5.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted ?	Yes / No
6.0	Whether all BRC/BEC clauses accepted ?	Yes / No
7.0	Whether confirmed to offer the equipment for Pre-despatch/shipment Inspection & testing?	Yes / No
7.1	Whether Pre-despatch/shipment inspection & testing charges applicable?	Yes / No
7.2	If Pre-despatch/shipment inspection & testing charges applicable, whether quoted separately on lumpsum basis?	Yes / No
7.3.	Whether confirmed to carry out Installation & Commissioning of the equipment at Duliajan(Assam) ?	Yes / No
7.4	Whether Installation & Commissioning charge applicable?	Yes / No
7.5	If Installation/ Commissioning charges applicable, whether separately quoted on lumpsum basis?	Yes / No
7.6	Whether to & fro air fares, boarding/lodging of the commissioning personnel at Duliajan, Assam(India) included in the quoted charges ?	Yes / No
7.7	Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation/ Commissioning & Training (as applicable) are included in the prices quoted ?	Yes / No
8.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
9.0	Whether all the clauses in the Integrity Pact has been accepted?	Yes / No

Offer Ref Date
