



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

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Tender No. & Date : SDG3544P17/07dated 10.01.2017

Tender Fee : INR 60,000.00 OR USD 2000.00

Bid Security Amount : INR 27,85,000.00 OR USD 40,960.00

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 08.03.2017 (at 11.00 Hrs. IST)

Bid Opening on : 08.03.2017 (at 14.00 Hrs. IST)

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

Bid Bond Validity : Bid Bond Should be valid up to **08.10.2017**

Pre Bid Conference Date: **15th February, 2017 in Kolkata** (Exact venue & time shall be communicated to the prospective Bidders nearer the time).

Performance Guarantee: Applicable @ 10% of Order value

Integrity Pact : Applicable

OIL INDIA LIMITED invites Global Tenders under single stage two bid system for items detailed below:

Item No.	MATERIAL DESCRIPTION	QTY.	UOM
10	THROUGH TUBING RESERVOIR MONITORING TOOL (TT RMT) WITH ACCESSORIES INCLUDING SUPPLY, INSTALLATION , COMMISSIONING AND TRAINING	1	No.

FOR DETAILS PLEASE REFER THE FOLLOWING ANNEXURES :-

- A) DETAILED SPECIFICATIONS – ANNEXURE -A.**
- B) BID REJECTION CRITERIA AND BID EVALUATION CRITERIA –ANNEXURE - B.**
- C) COMMERCIAL CHECK LIST-ANNEXURE – C.**

General Notes:

PRE-BID CONFERENCE:

- 1.0 A Pre-Bid Conference is planned to be held at Kolkata **on 15th February, 2017** to explain the requirements of Company in details to the interested prospective Bidders and to understand bidders' perspective including exchange of views/clarifications, if any, on the Scope of Work, Bid Rejection/Bid Evaluation Criteria and other terms & conditions of the Tender. Bidders interested to attend the pre-bid conference as above must contact/communicate with DGM Materials FP, Oil India Limited, P.O. Duliajan-786602, ASSAM, **Phone:** 91-374-2800491/91-0374-2808721, **Fax:** (91)374-2800533, **E-mail:**unjena@oilindia.in /sunil.sahu@oilindia.in well in advance regarding the venue & other related details.
- 1.1 Maximum two (2) representatives from each prospective Bidder, who purchased the tender document, shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by their representatives shall be borne by the interested Bidders.
- 1.2 The prospective bidders may submit their queries, if envisaged against the tender conditions any, through e-mail/fax/letter to the above mentioned address prior to the date of pre-bid conference. OIL expects that the Bidders should comply to the tender conditions in toto. However, clarifications/exceptions/deviations, if required any, should be brought out by the bidders prior to or during the Pre-Bid Conference only. After processing these suggestions, as a sequel to the pre-bid conference, Company shall communicate the changes in this regard, if agreed any, through an addendum to tender document in e-portal.
2. Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form shall be rejected.
3. 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 OIL's Tender No. and due date to **The DGM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST)** on the Bid Closing Date mentioned in the Tender.
 - a) Original Bid Security along with two duplicate copies of Bid Security.
 - b) Any other document which have been specified to be submitted in original.
4. Bidders must ensure that their bid is uploaded in the system online before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time, failing which the offer shall be rejected.
5. Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will

be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

6. All the Bids must be Digitally Signed using “Class 3” digital certificate (*e-commerce application*) with organisation name as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.
 7. Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
 8. Bidder to sign and submit completely filled up Technical Evaluation Matrix for Bid evaluation criteria and Technical specification Annexures and Check lists, failing which offer shall be liable for rejection.
 9. 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 on 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. However, Indian bidders shall not be issued any Recommendatory Letter.
 10. In the event of an order on indigenous bidder under deemed export scheme, OIL will issue Project Authority Certificate (PAC) and arrange for DGH Certificate as may be appropriate/applicable. Supplier shall effect dispatch only on receipt of these certificates from OIL, failing which all related liabilities shall be to Supplier's account.
- 11.0 Bidders to take special note of the following conditions:
- 11.1 Against Tender Fee – Payment should be made only through online mode and no other instrument (Cash/DD/Cheques/Cashier Cheque, etc) will be acceptable.
 - 11.2 Against Bid Security/EMD/Performance Bank Guarantee – Only payments through online mode or Submission of Bank Guarantee/LC will be acceptable. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.
12. 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.
 13. The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. **If any bidder**

refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.

OIL's Independent External Monitor at present is as under:

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

**SHRI SATYANANDA MISHRA, IAS(Retd.)
Former Chief Information Commissioner &
Ex-Secretary, DOPT, Govt. of India
E-mail Id : satyanandamishra@hotmail.com**

ANNEXURE – A

TECHNICAL SPECIFICATIONS FOR THROUGH TUBING RESERVOIR MONITORING

TOOL WITH SURFACE SYSTEM AND ACCESSORIES

Section-I

TECHNICAL SPECIFICATIONS

The Through Tubing Reservoir Monitoring Tool (RMT) with surface panel and accessories will be run with OIL's existing Cased Hole Logging units using 5/16", 7/32" mono-conductor cable. Bidders must quote the above tool with complete standalone surface system, power supplies, complete calibration system and other accessories required for logging.

- 1.0** The Through Tubing Reservoir Monitoring Tool (Quantity = 01 set) must meet the following specifications:
- 1.1** Tool Outer Diameter suitable to operate through 2.7/8" Tubing having 2.44 inch ID.
- 1.2** The tool must be rated for minimum 103 MPA (15,000 PSI) pressure and 148.8 Degree C (300 Deg F) temperature. The tool must withstand the maximum rated pressure and temperature for a minimum period of one hour of continuous exposure.
- 1.3** The tool must be able to operate in three independent modes: Carbon-Oxygen, Sigma and Oxygen Activation modes providing different independent measurements.
- 1.4** The tool should have an electronic neutron generator to produce 14Mev Fast Neutrons with high resolution 3-detector based Spectroscopy measurement system.
- 1.5** The Reservoir Monitoring Tool must run on mono-conductor wireline of sizes 7/32" and 5/16" OD installed on OIL's existing logging unit.
- 1.6** All data from the tool should be transmitted in a digital format to surface (downhole digitization).

- 1.7 Should be able to log in Casing/Tubing Sizes of outer diameter in the range from 2.875 inches to 9.625 inches
- 1.8 The Tool must have vertical resolution of 30 inches or better.
- 1.9 The measurement range for the tool should be in formations having porosity > 10% porosity.
- 1.10 If the tool does not have in-built GR & CCL sections, then separate GR and CCL tools as per specifications given below and compatible with the Reservoir Monitoring Tool must be quoted, Qty=01 each.

NOTE 1: *The bidder must submit a technical specifications sheet for the offered tool as per Annexure-1 attached with the Tender.*

2.0 Technical specifications of GR and CCL tools:

2.1 GAMMA RAY Tool: Qty-01

Gamma Ray tool is required to record natural gamma ray log for depth correlation.

2.1.1 GR Tool, if separate, must be compatible with the offered Reservoir Monitoring Tool and CCL tool to run all together in the wells.

2.1.2 Natural GR measurement range= 0 – 500 GAPI

2.2 CASING COLLAR LOCATOR Tool: Qty-01

Casing Collar Locator (CCL) tool is required to record casing collar log in Cased holes for determining collar positions.

2.2.1 CCL Tool, if separate, must be compatible with the offered Reservoir Monitoring Tool and GR tool to run all together in the wells.

2.2.2 The CCL tool must be able to record Casing Collars in Casing/Tubing sizes 2.875 inches to 9.625 inches OD.

3.0 OPERATIONAL ACCESSORIES:

3.1 Shop Calibration system and all onsite Verifier/Jigs for tool check must be quoted, Qty=01 set each.

- 3.2** Accessories needed to carry out logging up to 60 degrees deviation wells, for example- [i] Centralizers / De-centralizers [ii] Knuckle subs [iii] Swivels [iv] Tool bottom terminator/ Bull plugs [v] Tool body Rollers/Flywheels etc. must be quoted, Qty= 02 sets each.
- 3.3** All items/sub-items of the tools required for successful logging must be quoted, Qty=02 sets each.
- 3.4** All items / assemblies for the tool should be quoted individually item wise.

4.0 PORTABLE SURFACE LOGGING SYSTEM

The bidder must quote for 01 (One) set of complete Surface Logging system required to carry out Logging operations with the offered tools. The Surface Logging System should be able to interface with the offered tools through the wireline cable to measure and record logs as specified above. All system assemblies/panels required for the logging should be quoted against the surface logging system. The surface logging system must have portability to carry in separate boxes.

Technical specifications:

- 4.1** The **Portable Logging System** should be latest generation state-of-art system, support multitasking, must be able to control logging operations/calibration for the Reservoir Monitoring Tool , carry out data acquisition, data processing and other related functions. The system should work on latest operating systems like Windows, UNIX, LINUX etc.
- 4.2** The portable surface acquisition unit must be capable of interfacing with mono-conductor logging cable **directly**. It must be a field proven, latest version **PORTABLE Logging System** for logging.
- 4.3** The portable surface system should comprise of tool interface and power supply panel, a host computer, a printer and an independent depth/ line speed/line weight panel.
- 4.4** In addition, the portable system should also be able to receive depth, tension and other auxiliary information from existing depth data panels in OIL's units.

- 4.5** Change over from OIL's existing truck system to the Portable system must be **easy and user-friendly**.
- 4.6** The host computer must be latest generation rugged Laptop computer system for Logging control, data acquisition and data processing, data record, playback, editing, calibrating & plotting purposes.
- 4.7** The portable system should work with power source of 110V-120V 60Hz supply from truck power source alternator/diesel generator.
- 4.8** The Portable system shall include the following, in addition to other standard fittings /accessories:
- (i) Thermal Plotter for plotting logs both on Paper (roll & fanfold) & Film
 - (ii) Color printer capable of printing continuous log
 - (iii) External Portable USB Hard Drive (min 2 TB) for data storage
 - (iv) DVD Read / Write Drive
 - (v) Uninterrupted Power Supply

5.0 PORTABLE LOGGING SYSTEM SOFTWARE (QTY=01)

The logging acquisition software must have the following minimum features:

- 5.1** The system application software should be of latest version. Software should be menu driven, user friendly with multi-tasking capability.
- 5.2** The system must be capable of converting log data into API standard LIS, ASCII (LAS) and other standard formats.
- 5.3** The system software must include automatic depth correction
- 5.4** The system software must display real-time corrected depth and line tension.

- 5.5** Record real-time and playback on thermal paper/film in different depth scales i.e., 1/20, 1/40, 1/100, 1/200, 1/1000 in metric system in API format.
- 5.6** The application software must apply borehole and environmental corrections during logging.
- 5.7** The application software must produce quick look basic processing of RMT data at well-site with color images.
- 5.8** Diagnostic software for the surface system as well as for the RMT tool must be provided.

NOTE 2:

- (a) Details of the software along with price break up for each module (if any) should be provided.
- (b) Backup copies of all loaded software shall be supplied in CD / DVD format.
- (c) Oil India Limited's logo must be incorporated in all log printout and processed output.
- (d) The bidder should give an undertaking to support perpetual licensing for the software originally supplied from the date of commissioning of the unit.
- (e) Bidders should offer undertaking for free periodic updation / upgradation of the Software for a minimum period of 10 (ten) years from the date of commissioning of the unit.

Note:3(i) Whether mentioned specifically or not, any other processing software (with License Key) for onsite data have to be provided.

- (ii) The bidder must submit a technical specifications sheet for the offered surface system as per Annexure-2 attached with the Tender.**

6.0 TECHNICAL MANUALS AND DOCUMENTATION:

6.1 Following documents shall be submitted **along with the bid** for bid evaluation:

In addition to those mentioned in the NIT, the Technical Bid must include the following:

- (a) Technical leaflets, literatures with detailed specifications, Make & Model of RMT Tool, Surface System etc. offered in the Bid.
- (b) Block Diagram of the portable surface Logging System containing all panels.
- (c) Interconnection Diagram of the proposed portable surface logging system

6.2 Following documents shall be submitted along with the supply of the RMT tool and equipment:

- (a) Four sets of Training Notes / Study Guides for the offered logging tool and surface system in properly bound volumes
- (b) 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 of the tool in properly bound volumes.
- (c) Soft copies of all the above documents in CD / DVD.

7.0 DATA PROCESSING & INTERPRETATION

The bidder must provide Post DATA PROCESSING & INTERPRETATION Hardware/Software to process RMT logging data to:

- [a] Evaluate Hydrocarbon saturation behind casing,
- [b] Identify fluid contacts,
- [c] Porosity estimation,
- [d] Identification of mineralogy
- [e] Water velocity and its direction inside and behind casing
- [f] Borehole Water Holdup

7.1 The Data processing and Interpretation System must have the following features:

7.1.1 Latest version of RMT log data processing and formation evaluation software packages with **perpetual license keys, Qty=01 set**

7.1.2 Single user computer system with accessories, supporting the above mentioned software packages. The system should have at least 02 (two) 19" Monitors (TFT type preferably). One UPS should be provided with the system. The system should run on 220 volts AC / 50 Hz power source.

7.1.3 Continuous Printers capable of printing high resolution color logs and other computed results, **Qty=01 set**

7.1.4 CD/DVD read/write and USB portable Hard drive (2 TB) for data transfer and storage, **Qty=01 set**

7.1.5 Consumables like Paper, ink cartridges/toner etc. sufficient for 50 data processing jobs of 500 meters interval each

NOTE 4: Details of all the hardware and software along with individual price break-up required for data processing and interpretation centre at Base should be provided in details. **OIL reserves the right to select the requisite software and hardware modules.**

NOTE 5: Any other processing software (with License Key) required for post processing of Reservoir Monitoring Tool log data have to be provided. *Processing software found not supplied by bidder during commissioning period of the equipment or on a later date, shall have to be supplied at no charge to OIL.*

8.0 LAB SYSTEM FOR FAULT ANALYSIS AND REPAIR (QUANTITY=01 set)

Lab Test System is required for Testing the Through Tubing Reservoir Monitoring Tool in the Lab for the purpose of troubleshooting and fault analysis and repair.

- (i) The Computer system should be a complete one in terms of all necessary hardware and software with **perpetual software licenses**.
- (ii) The system should be capable of powering up RMT tool independently in the Maintenance Lab, capable of playing back recorded logging data with hardcopy output, (Thermal Plotter for plotting logs both on Paper & Film-Qty01)
- (iii) The Lab system should be a rack-mounted system for easy installation in the Maintenance Lab.
- (iv) All other accessories like specialized hand tools for assembly/disassembly of the offered tools, jumper cables, cable simulators, etc. are to be provided.
- (v) All items / assemblies for the Lab system should be quoted individually

9.0 SPARE PARTS AND CONSUMABLES:

The Bidder must quote the following items in **clause 9.1 through 9.2** which shall also be **CONSIDERED** for bid evaluation.

9.1 Consumables and accessories for 500 hrs. of operation:

The bidder is required to quote all **consumables and accessories** for the offered tools which will be required for **500 hrs** of operation from the date of successful commissioning of the tools. These must include all vital consumables (O-Ring/Back-up Ring/Washers/Lock Nuts/Insulation pads/Roll-Pin etc, if any) which are required to be changed periodically as per OEM's recommended practice.

NOTE6:*If the Bidder fails to quote any of the above items in the bid, but found to be required during 500 hrs from the date of successful commissioning of the equipment, the bidder must supply the same FREE OF CHARGE TO OIL.*

9.2The bidder is also required to quote the following:

- a. Spare GR and CCL tool (Qty= 01 each).
- b. **For RMT,GR & CCL tools-** All Printed Circuit Boards - Qty= 01 each
- c. **Neutron Generator for RMT tool - Qty= 01 no.**
- d. **Complete Detector system consisting of triple detectors for RMT tool - Qty= 01 no.**
- e. **O-Rings of all types in tool shop joints -Qty=100 numbers of each type.**
- f.**O-Rings inside the tool assemblies- Qty=20 numbers of each type.**
- g. **Two times** the number of Nuts, bolts, washers, roll-pin, lock-pin, connectors, different pins and boots, Insulating sleeves, temperature sensors, wear pads and any other spares used in the quoted tools.
- h. **For the Portable Logging System-** all Printed Circuit Boards (PCBs), complete tool Interface Panel, Surface Power Supply Panels - Qty=01 each.

NOTE 7: *The Bidder is expected to quote carefully every item mentioned in the above clause 9.2. If the Bidder fails to quote any of the above items in the bid, but found to be a part of the equipment during 05 (five) years from the date of successful commissioning of the equipment, the bidder must supply the same FREE OF CHARGE TO OIL.*

10.0 RECOMMENDED SPARE LIST:

The bidder is required to submit a list of all the recommended spares (electronic, electrical, mechanical etc.), accessories and consumables. This recommended spare parts list should contain Description, part Number and quantity of each item. The quantity of items recommended must be sufficient to cater 500 hrs in 02 years

of uninterrupted operation and maintenance. **This is required for OIL's future reference / procurement only, and will not be considered for bid evaluation.**

11.0 STANDARD PRICE LIST

Bidders are also required to submit a **standard price list** of the **entire items** used in the offered tools and surface systems. The price list must include all electronic, electrical, mechanical items, accessories and consumables, Sub assemblies, surface electronic system and downhole tool. 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 equipment**.

- 12.0 The Bidder must submit a written commitment that the spares and consumables shall be supplied made available against Purchase Orders on chargeable basis to OIL for a period of 10 years from the date of closing of the bids as and when required.
- 13.0 Perishable consumables like Paper, Films etc. & Radioactive items are to be Air-freighted upto Kolkata, India, and the bidder should quote accordingly.
- 14.0 Procurement of spares, accessories, PCBs, consumables etc. mentioned against clauses 9.1 to 9.2 shall be at the discretion of OIL.
- 15.0 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.
- 16.0 The bidder or its OEM should also have proper R & D facilities for development and upgradation of their equipment.
- 17.0 All offered equipment must be of new, unused and of fresh manufacture. Firm commitment is to be made by the bidder in the bid for supply of brand new equipment.
- 18.0 Offers must include all items/accessories for the quoted tools for straightaway commissioning of the tools.

19.0 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 as shown in Annexure - 2 with appropriate reference to the main quote. 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.

The bidder must respond to each and every clause in the NIT in a tabular form as per **ANNEXURE – 2**

20.0 Past Performance

At the time of technical evaluation of the offers, past performance of similar equipments supplied by the bidder as well as after-sales service, supply of spares etc. in respect of such equipment by the concerned bidder will be considered. If the same are not found to be satisfactory as already communicated to the bidder, the offer may be considered as unacceptable and rejected.

21.0 Bid evaluation will be done only for those bids which offer full quantities of goods as mentioned in this tender.

(END OF SECTION – I)

SECTION – II

1.0 TRAINING:

The bidder will have to provide training for 2 (two) Field Engineers, 2 (two) Maintenance Engineers, 2 (Two) Log Data Processing & Interpretation Engineers at their training centre/school which is equipped with Test Well and all other 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.

1.1 FIELD ENGINEERS' TRAINING:

This should include detailed aspects of RMT logging operations and basic equipment trouble shooting at Base and at Field. The training curriculum should include theoretical and practical training for Field Engineers' Training Course. Duration of the training period, location of training and prerequisite of the trainees, if any, etc. should be clearly specified in the bid document.

1.2 MAINTENANCE ENGINEERS' TRAINING:

This should include detailed theoretical and practical training on the portable surface logging system hardware & software, RMT tool and on the preventive testing and maintenance aspects for Maintenance Engineers' Training course. The training course must give special emphasis on complete maintenance training of RMT tool at supplier's training school. Duration of the training period, location of training and prerequisite of the trainees, if any, etc. should be clearly specified in the bid document.

1.3 LOG DATA PROCESSING, ANALYSIS AND INTERPRETATION TRAINING:

The bidder is required to provide training on data processing, analysis and interpretation of log data for RMT tool and software modules to be procured from them at the Supplier's Training School. Duration of the training period, location of the training, and prerequisite of the trainees, if any, etc. should be clearly specified in the bid.

2.0 INSPECTION CUM ACCEPTANCE:

The pre-shipment inspection of the equipments shall be carried out **at the supplier's premises** by a team of 02 (Two) executives from OIL as mentioned below.

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) Logging Engineers in senior level from OIL. 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 with emphasis on items of cost more than US \$ 1500 per item.
- (b)** Functional testing of the portable logging system, TT-RMT tool and accessories to their rated specifications.
- (c)** Verification of all records of Pressure, Temperature, Shock and Vibration testing carried out after manufacture of RMT tool as applicable.
- (d)** Checking of Export Invoices and discussing necessary modalities for safe transportation of the goods.
- (e)** Technical discussions on any deviations from the Purchase order and provide feed back to OIL with technical justifications for approval of the order amendment by the competent authority.
- (f)** Inspection of Training Manuals and other Engineering Documents.
- (g)** The Inspection and Acceptance report would be prepared jointly and signed by representatives of both the parties at the end of the inspection process.
- (h)** The 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 deliberations with the Inspectors after arrival at Duliajan, Assam.
- (i)** After completion of the inspection, the supplier will effect dispatch of the unit only on receipt of OIL's dispatch advice.

After finalizing the tentative readiness of the equipment, the successful bidder should communicate the proposed inspection schedule to OIL, with the confirmed date for inspection, at least three months in advance. OIL, in turn, will confirm the scheduled date of visit of its personnel one month in advance to the successful bidder.

3.0 Immediately after placement of the Purchase Order, the successful bidder should communicate the proposed training schedule to OIL for the Field Engineers, Maintenance Engineers and Interpretation Engineers, at least 04 (four) months in advance for each training program. OIL in turn will confirm acceptance of the schedule of training at least one month in advance for each program. **The engineer's training program must be completed within 9 months of the issuance of LOI.**

(END OF SECTION – II)

SECTION - III

1.0 INSTALLATION AND COMMISSIONING

1.1 Installation and commissioning includes commissioning of the RMT system, performance testing of the above tool 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 wire line logging and downhole tools, to OIL, Duliajan for field commissioning of the entire equipment. **The bidders must quote for lump sum commissioning charges which should include to and fro air-fare of their personnel. The commissioning charges quoted will be considered for bid evaluation.** 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 Surface Logging Panel along with the entire tool and other accessories is to be completed within 01 (one) month from the date of receipt of such an advice from OIL (this one months period excludes the waiting time for well readiness).** Supply of short-shipped and warranty replacement items, if any, shall be arranged by the suppliers 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 default, the Liquidated Damage Clause (Clause 2.0 below) will be made applicable.

1.2 In order to complete the field commissioning of the RMT tool 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 by the suppliers or their authorized representatives at the earliest, at site at their cost.

1.3 In addition to all other installation and commissioning jobs at Duliajan (Assam), the RMT tool will be tested in OIL's oil/gas wells by carrying out actual logging operations. Prior to this, the RMT tool will be calibrated in the base and at site to OIL's satisfaction. Each downhole tool 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 and the logging interval (with repeat section) would be as required by OIL.

- 1.4 The Installation and Commissioning report will be prepared jointly and signed by the representatives of both the parties at the end of successful completion of Installation and Commissioning process.

2.0 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, subject to a maximum of 10% of the value of the installation and commissioning. This is a genuine pre-estimated loss as agreed by both parties. Notwithstanding above, OIL reserve the right to invoke the Performance security at its sole option incase supplier fails to complete installation and commissioning within the agreed time frame..

3.0 WARRANTY:

3.1 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 shipment from its country of origin.

3.2 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 free of charge basis. 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.

4.0 DELIVERY

- i. Delivery required against this tender is maximum 9 (NINE) months from the date of opening of LC in case order is placed on the foreign supplier OR within 9 (NINE) 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.
- iv. No preference / benefit / weightage shall be given for shorter delivery.
- v. The amount of liquidated damages as agreed above by the parties is a genuine Pre-estimated loss to Company(OIL) and shall be applicable/deducted without any demur and shall not be open for any dispute whatsoever.

5.0 The Bidder must confirm in its bid that it would carry out installation and commissioning of the offered tools at Duliajan, Assam (India) as per clause 1.0 of Section-III of this tender document. Any bidder not offering for Installation and Commissioning of all the systems/equipment shall be treated as non-responsive. The bidder must confirm compliance on this point in its bid.

7.0 The bidder must respond to each and every clause in the NIT in a tabular form as per format in ANNEXURE – 3

<u>ANNEXURE - 1</u>		
<u>RMT LOGGING TOOL SPECIFICATION SHEET</u>		
PAREMETER ACCEPTABLE RANGE/MEASUREMENTS	BIDDER'S PARAMETER VALUE	REMARKS (IF ANY)
Max. Tool OD Tool diameter capable be pass through 2.7/8" Tubing (Tbg ID -2.44 in)		
Min. Temp Rating 300 deg F		
Min Pressure Rating 15000 psi		
Tool capable for RMT measurements in casing upto 9.5/8" OD size.		
Tool Measurement Principle using 3 detectors for measurements of pulsed neutron decay Sigma, Porosity , CaSi and CO ratios , Saturation measurements, Inelastic and Capture yields of elements, Water flow inside and outside casing etc.,		
Measurement Range: (> 10% porosity formation)		
Vertical Resolution: (Minimum value at 90% signal 30 inches or better)		
Depth of Investigation: (Minimum value at 50% signal 6 in Inelastic or better , 12 in capture modeor better)		
Minimum Primary Measurements(CO,Sigma,WFL): CO Ratio,CaSi ratio, Near-Far Capture & Inelastic ratios, Water Velocity during Oxygen Activation etc.,		
Minimum Logging Speed in different modes: (To be specified by bidder)		
Compatible GR & CCL Tools (These tools may be either part of Telemetry tool or as separate sections)		
Telemetry Tool specifications: Bidders Telemetry Details to be provided		
Any other Parameter		

<u>ANNEXURE - 2</u>		
<u>RMT TOOL PORTABLE SURFACE PANEL SPECIFICATIONS</u>		
PARAMETER DESCRIPTION (specify details)	PARAMETER INFORMATION	REMARKS(If any)
Logging Main Computer		
Tool Interface Panel/Acquisition Interface		
Power Supplies for RMT tool		
Depth System panel (Independent Unit)		
Mounted in Rugged Box(s)		
Any other Panels/Equipment		
Any other Parameter		

Technical Checklist**Annexure-3**

Sl. No .	OIL NIT Clause No.	OIL NIT Clause Description	Bidder's Response	Any Deviation from NIT Clause (Yes/No)	Reason for Deviation
1	1.1	Tool should be able to operate inside tubing of size 2.7/8 inch OD having 2.44 inch ID			
2	1.2	Minimum rated pressure for the tool is 15,000 psi and temp. is 300 deg. F , for minimum one hour.			
3	1.3	Tool should operate in CO mode, Sigma mode and Oxygen Activation Mode independently.			
4	1.4	Tool should have an electric neutron generator to produce 14 MeV fast neutrons with 3- Detector system . (Refer NIT).			
5	1.5	Tool should be able to run on mono-conductor cable of size 5/16 inch and 7/32 inch installed in OIL's unit.			
6	1.6	Tool data should be transmitted in digital format to surface system.			
7	1.7	Should be able to log in tubing/casing of OD in the range of 2.875 to 9.625 inch.			
8	1.8	Tool vertical resolution should be 30 inches or better			
9	1.9	Tool measurement range should be in formations having porosity > 10%.			
10	1.10	GR and CCL tool must be provided either in-built or separately with RMT(Refer NIT)			
11	Note 1	The bidder must submit a technical specification sheet for the offered tool as per Annexure 1			
12	2.1.1	GR tool must be compatible to run with CCL and RMT(Refer NIT)			
13	2.1.2	Natural GR measurement range 0 – 500 GAPI.			

14	2.2.1	CCL tool must be compatible to run with GR and RMT(Refer NIT)			
15	2.2.2	CCL tool must be able to record collars in tubing/casing of OD 2.875 to 9.625 inches			
16	3.1	Shop calibration system and other verifier/jigs must be quoted(Refer NIT)			
17	3.2	All accessories required to run the tool up to 60 degree deviation must be quoted (for details refer NIT).			
18	3.3	All tool items required for a successful logging operation must be quoted.			
19	3.4	All items/ assemblies for the tool must be quoted item wise.			
20	4.1	The portable logging system should be able to carry out data acquisition, processing and other functions (for details refer NIT).			
21	4.2	The field proven, latest version, logging system must be able to interface with mono cable directly.			
22	4.3	The portable system must comprise of tool interface and power supply, computer, printer and a panel to measure cable depth/tension/speed			
23	4.4	The portable system must be able to receive depth/tension and other information from existing depth data panels in OIL's units(Refer NIT)			
24	4.5	Changing from OIL existing system to portable system must be easy and user-friendly.			
25	4.6	The computer should be a rugged laptop computer, for logging control, data acquisition, processing and all other purposes(Refer NIT)			
26	4.7	The portable system should work with 110V-120V, 60 Hz supply from truckalternator/generator.			
27	4.8	The portable system should also include thermal plotter and color printer to print logs, ext. USD drive (2 TB min), DVD drive r/w, and UPS(Refer NIT)			
28	5.1	The system should use latest version, menu driven, user-friendly software capable of multi-tasking.			
29	5.2	Should be able to convert log data into API standard format like LIS, LAS and others.			

30	5.3	System software must include automatic depth correction.			
31	5.4	System software must display real time corrected depth and tension			
32	5.5	The recorded real time data should playback and plotted in standard scales like 1:20, 1:40, 1:100, 1:200, 1:1000 in API format.			
33	5.6	The software must apply borehole and environmental corrections during logging.			
34	5.7	The application software must produce quick look basic processing of RMT data at well-site.			
35	5.8	Diagnostic software for surface system as well as RMT must be provided.			
36	Note 2(a)	Details of software along with price break up of each module should be provided			
37	Note 2(b)	Back up of loaded software should be provided in CD/DVD			
38	Note 2(c)	OIL logo must be included in all print out and processed output			
39	Note 2(d)	An undertaking is to be given by bidder to support perpetual licensing for the software from commissioning date.			
40	Note 2(e)	Bidder should also provide undertaking to provide upgrade of software for ten years(Refer NIT)			
41	Note 3(i)	Any other software for processing (with license) data has to be provided			
42	Note 3(ii)	Bidder must submit a technical specification sheet as per annex. 2 for the offered surface system			
43	6.1 (a)(b) (c)	Documents to be provided along with the bid: technical literatures and spec., make and model of RMT, block diagram etc. (for details refer NIT)			
44	6.2	Documents to be provided along with the supply of RMT: four sets of training notes for the logging tool, four sets of operations and maintenance manuals and soft copies of all these(for details refer NIT)			
45	7.0	Bidder to provide Post Data processing and Interpretation software (for details refer NIT).			
46	7.1.1	The data processing and Interpretation System must have RMT log data			

		processing and formation evaluation software packages with perpetual license keys, 01 set.			
47	7.1.2	Single user computer system should comprise of at least 02 no. 19 inch monitors (TFT), and UPS. System should run in 220V/ 50 Hz power source (Refer NIT).			
48	7.1.3	Printers should be capable of printing high resolution color logs.			
49	7.1.4	CD/DVD r/w and USB external Hard drive (2 TB), Qty = 01 set.			
50	7.1.5	Consumables like paper, ink cartridges/toner etc. sufficient for processing 50 data processing jobs of 500 meters interval each.			
51	Note 4	Details of all hardware and software price break up should be provided.			
52	Note 5	Any other processing software for processing RMT data should be provided, with license (Refer NIT).			
53	8(i)	Lab system should be a complete one with all hardware and software with perpetual license			
54	8(ii)	The lab system should be capable of powering up the RMT independently, playback data with hardware output (Refer NIT).			
55	8(iii)	Lab system should be a rack mounted system for easy installation			
56	8(iv)	All other accessories (details refer NIT) are to be provided.			
57	8(v)	All items for Lab system should be quoted individually.			
58	9.1	Bidder should quote all consumables and accessories for offered tool which is required for 500 hrs. of operation (details refer NIT).			
59	Note 6	If the bidder fails to quote any items required for operation during 500 hours, that item must be supplied free of cost.			
60	9.2(a-g)	Bidders must quote for spare GR and CCL tool, all PCBs neutron generator, detector system, all O-rings, all nuts, bolts, roll-in, lock pin, connectors, pins and boots, insulating sleeves, temperature sensor, wear pads and any other spares used in the quoted tools (details refer NIT).			

61	9.2(h)	Bidders must quote for all PCBs in surface system and all panels (Qty=01 each)			
62	Note 7	Bidders should quote all items as mentioned above and if it fails to quote any items required, the bidder must supply the same in free of charge to OIL.			
63	10.0	The Bidder is required to submit a list of all the recommended spares, accessories and consumables required for 500 hrs. operation in 2 years (details refer NIT).			
64	11.0	The Bidder is required to submit a Standard price list of the entire items used in the offered tools and surface systems (details refer NIT).			
65	12.0	The Bidder must submit a written commitment to supply spares and consumables to OIL for a period of 10 years on chargeable basis.			
66	13.0	Consumables like paper, films etc. and Radioactive items are to be Air freighted up to Kolkata, India and the bidder should bid accordingly.			
67	14.0	Procurement of Spares, PCBs, accessories and consumables etc. shall be at the discretion of OIL.			
68	15.0	Written confirmation from the bidder is must that they possess all standard testing and calibration facilities at their base for the offered tools (Refer NIT).			
69	16.0	The bidder or its OEM should have proper R & D facilities for development and upgradation of their equipment.			
70	17.0	All offered equipment must be of new, unused and fresh manufactured.			
71	18.0	Offers must include all items/accessories for the quoted tools for straightway commissioning.			
72	19.0	The Bidder must quote as per the tender requirement and provide full information wherever applicable. Bidder's response should be submitted in tabular format as per annexure 2. (Refer NIT).			
73	20.0	Past performance of the bidder will be considered at the time of technical evaluation. If not satisfactory, the offer may be rejected (details refer NIT).			

74	21.0	Bid evaluation will be done only for those bids that offer full quantities of goods as mentioned in the tender			
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Annexure-4			
	<u>BRC CHECK-LIST</u>		
Sr. no.	<u>BID REJECTION CRITERIA / BID EVALUATION CRITERIA</u> <u>PROCUREMENT OF THROUGH TUBING RESERVOIR MONITORING TOOLS</u>	Bidder's Response (complied/not-complied)	Relevant Page no. of the Bid to support Bidder's response
	<u>GENERAL CONFORMITY</u> <p>The bids shall conform generally to the specifications and terms & conditions given in the bid document. Bids shall be liable for rejection in case the materials/services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.</p>		
1.0	<u>BID REJECTION CRITERIA (BRC)</u> (A) <u>TECHNICAL:</u> <u>BIDDER'S ELIGIBILITY</u>		
1.1	<p>The bidder should be an Original Equipment Manufacturer (OEM) of the offered item (s).</p> <p style="text-align: center;">OR</p> <p>The bidder should be the ultimate parent Company/wholly owned subsidiary/co-subsiary of any tier of the same Group of Companies of an Original Equipment Manufacturer (OEM) of the offered item(s).</p>		
1.2	<p>Either the Bidder themselves or their Parent Company/wholly owned subsidiary/co-subsiary must meet the following criteria:</p> <p>(a) Should have experience of providing Wire-line Logging Services in minimum two (2) countries other than the Bidder's country of origin during the last five (5) years preceding to the original bid closing date of this tender.</p> <p>(b) Should have minimum two (2) years of experience in providing Wire-line Logging Services with RMT Tool to any E&P Company in India during the last five years preceding to the original bid closing date of this tender.</p>		

	<p>(c) Should have its operational Base/Office in India with capability to provide immediate support/solutions to the logging units/tools as & when required.</p> <p>Note: Documentary evidences in the form of service contracts copy and/or clients' certificates satisfying the requirements of para 1.2 (a) & (b) above must be submitted alongwith the Technical Bid. Regarding para 1.2 (c), bidder must categorically confirm the details of their operational base/office in India.</p>		
2.0	<p><u>IN CASE THE BIDDER IS AN ORIGINAL EQUIPMENT MANUFACTURER (OEM):</u></p> <p>The bidder must comply to the following:</p>		
2.1	The bidder (OEM) should have at least 5 (five) years of manufacturing experience, proceeding to the original Bid Closing date of the tender, of Reservoir Monitoring Tools (RMT).		
2.2	In addition to above, the bidder (OEM) should have manufactured and successfully sold minimum five (5) numbers of Reservoir Monitoring Tools (RMT) during last five (5) years preceding to the original Bid Closing Date of this Tender. Bidder's supply experience as above must be to minimum two (2) E&P Companies or Oil Field Service Providers in two different countries (not in same country) and such orders must have been executed either directly by the bidder themselves or through their wholly owned subsidiaries/co-subsidaries/parent company.		
2.3	<p>Documentary evidences to substantiate manufacturing & supply records pursuant to clause No. 2.1 & 2.2 above must be submitted in the form of copies of relevant Purchase Order(s) alongwith copies of following documents in any combination evidencing satisfactory execution of those Purchase Order(s), such as:</p> <ul style="list-style-type: none"> (i) Satisfactory supply / completion / installation & commissioning report (OR) (ii) Bill of Lading, Commercial Invoice / Payment Invoice (OR) (iii) Consignee receipt delivery receipt (OR) (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/ Vat. (v) Any other documents which shall prove that the bidder has successfully executed such order (s). 		

	Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.		
3.0	<u>IN CASE, THE BIDDER IS NOT THE OEM OF OFFERED RMT TOOL:</u> The bidder must fulfill the flowing requirements:		
3.1	The bidder must be the ultimate Parent Company/wholly owned subsidiary/co-subsiary of any tier of the same Group of Companies of an Original Equipment Manufacturer (OEM) of the offered item(s).		
3.2	The bidder's OEM should have at least 5 (five) years of manufacturing experience of Reservoir Monitoring Tools (RMT) proceeding to the original Bid Closing date of the tender		
3.3	Additionally, the bidder himself/themselves should have supply experience of minimum five (5) numbers of Reservoir Monitoring Tools (RMT) to at least two (2) E&P Companies or Oil Field Service Providers in two different counties during last five (5) years preceding to the original Bid Closing Date of this Tender		
3.4	Documentary evidences to substantiate manufacturing & supply records regarding clause No. 3.2 & 3.3 above must be submitted in the form of copies of relevant Purchase Order(s) along with copies of following documents in any combination evidencing satisfactory execution of those Purchase Order(s), such as: (i) Satisfactory supply / completion / installation & Commissioning report (OR) (ii) Bill of Lading, Commercial Invoice / Payment Invoice (OR) (iii) Consignee receipt delivery receipt (OR) (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/ Vat. (v) Any other documents which shall prove that the bidder has successfully executed such order (s). Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.		
4.0	The bidder must submit following additional documents		

	<p>alongwith their Technical Bid:</p> <p>(a) If the Bidder is not the OEM of the offered RMT Tool, documentary evidence must be submitted with regard to their relationship with the OEM satisfying clause No. 3.1 above.</p> <p>(b) If the Bidder is not the OEM of the offered RMT Tool, a letter of authorization from the OEM authorizing the Bidder to sell their products and services (viz; supply, installation & commissioning and training) must be submitted, which should also include proper warranty and guarantee back-up of the OEM as outlined in enclosed ANNEXURE-I.</p>		
5.0	Unsolicited bids shall be straightway rejected.		
6.0	Bidder/OEM must submit an undertaking alongwith the Technical Bid that their offered Reservoir Monitoring Tool is not going to become obsolete during the next five (5) years from the date of successful installation & Commissioning, if order is awarded on them by OIL and must guarantee uninterrupted supply of spares and availability of services for at least for ten (10) years with effect from the successful installation & Commissioning of the equipment, without which offer will not be considered for evaluation/placement of order. Bidder must also offer/confirm free periodic up-gradation/updation of the Software for a minimum period of ten (10) years from the date of commissioning of their supplied RMT tools, failing which the Bid shall be rejected.		
7.0	Bidder quoting Delivery Period more than nine (9) months from the date of placement of order/opening of LC (as the case may be) and Installation & Commissioning more than one (1) month from the date of receipt of notification from OIL shall not be considered and their Bid shall be liable for rejection.		

ANNEXURE-I

Sample authorization letter from OEM
(To be typed on the letterhead of the OEM)

Ref. No _____

Date _____

The DGM (Materials)
Oil India Limited,
Duliajan-786 602

Sir,

Sub: Authorization Certificate

Ref: Your tender enquiry No. _____ Dated _____.

This is to confirm that M/s _____ is the ultimate parent company/ wholly owned subsidiary/co-subsiidiary of M/s_____ (OEM) and is authorised to sale our products.

We hereby authorize M/s_____ to quote and provide onsite warranty and Annual Maintenance support, including replacement of spares, for the above tender, on our behalf.

This certificate is valid up to completion of the contract including AMC period , if any.

We shall extend our standard Manufacturing warranty & technical support for the goods supplied by M/s_____, if contract is awarded.

Yours faithfully,

For (type name of the firm here)

Signature of Authorized Signatory

Name:

Designation:

Phone No.

Place:

Date:

(Affix Seal of the Organization here)

ANNEXURE – II**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

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

TO WHOM IT MAY CONCERN

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

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

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

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

***Applicable only for GLOBAL tenders**

ANNEXURE- B

BID REJECTION CRITERIA / BID EVALUATION CRITERIA

PROCUREMENT OF THROUGH TUBING RESERVOIR MONITORING TOOLS

GENERAL CONFORMITY

The bids shall conform generally to the specifications and terms & conditions given in the bid document. Bids shall be liable for rejection in case the materials/services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.

BID REJECTION CRITERIA (BRC)

(A) TECHNICAL:

1.0 BIDDER'S ELIGIBILITY:

- 1.1 **The bidder should be an Original Equipment Manufacturer (OEM)** of the offered item (s).

OR

The bidder should be the ultimate parent Company/wholly owned subsidiary/co-subsiary of any tier of the same Group of Companies of an Original Equipment Manufacturer (OEM) of the offered item(s).

- 1.2 Either the Bidder themselves or their Parent Company/wholly owned subsidiary/co-subsiary must meet the following criteria:

- (a) Should have experience of providing Wire-line Logging Services in minimum two (2) countries other than the Bidder's country of origin during the last five (5) years preceding to the original bid closing date of this tender.
- (b) Should have minimum two (2) years of experience in providing Wire-line Logging Services with RMT Tool to any E&P Company in India during the last five years preceding to the original bid closing date of this tender.
- (c) Should have its operational Base/Office in India with capability to provide immediate support/solutions to the logging units/tools as & when required.

Note: Documentary evidences in the form of service contracts copy and/or clients' certificates satisfying the requirements of para 1.2 (a) & (b) above must be submitted alongwith the Technical Bid. Regarding para 1.2 (c), bidder must categorically confirm the details of their operational base/office in India.

2.0 IN CASE THE BIDDER IS AN ORIGINAL EQUIPMENT MANUFACTURER (OEM):

The bidder must comply to the following:

- 2.1 The bidder (OEM) should have at least 5 (five) years of manufacturing experience, proceeding to the original Bid Closing date of the tender, of Reservoir Monitoring Tools (RMT).
- 2.2 In addition to above, the bidder (OEM) should have manufactured and successfully sold minimum five (5) numbers of Reservoir Monitoring Tools (RMT) during last five (5) years preceding to the original Bid Closing Date of this Tender. Bidder's supply experience as above must be to minimum two (2) E&P Companies or Oil Field Service Providers in two different countries (not in same country) and such orders must have been executed either directly by the bidder themselves or through their wholly owned subsidiaries/co-subsidiaries/parent company.
- 2.3 Documentary evidences to substantiate manufacturing & supply records pursuant to clause No. 2.1 & 2.2 above must be submitted in the form of copies of relevant Purchase Order(s) alongwith copies of following documents in any combination evidencing satisfactory execution of those Purchase Order(s), such as:
- (i) Satisfactory supply / completion / installation & commissioning report (OR)
 - (ii) Bill of Lading, Commercial Invoice / Payment Invoice (OR)
 - (iii) Consignee receipt delivery receipt (OR)
 - (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/ Vat.
 - (v) Any other documents which shall prove that the bidder has successfully executed such order (s).

Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.

3.0 IN CASE, THE BIDDER IS NOT THE OEM OF OFFERED RMT TOOL:

The bidder must fulfill the flowing requirements:

- 3.1 **The bidder must be the ultimate Parent Company/wholly owned subsidiary/co-subsidiary of any tier of the same Group of Companies** of an Original Equipment Manufacturer (OEM) of the offered item(s).
- 3.2 The bidder's OEM should have at least 5 (five) years of manufacturing experience of Reservoir Monitoring Tools (RMT) proceeding to the original Bid Closing date of the tender.
- 3.3 Additionally, the bidder himself/themselves should have supply experience of minimum five (5) numbers of Reservoir Monitoring Tools (RMT) to at least two (2)

E&P Companies or Oil Field Service Providers in two different counties during last five (5) years preceding to the original Bid Closing Date of this Tender.

- 3.4 Documentary evidences to substantiate manufacturing & supply records regarding clause No. 3.2 & 3.3 above must be submitted in the form of copies of relevant Purchase Order(s) along with copies of following documents in any combination evidencing satisfactory execution of those Purchase Order(s), such as:

- (i) Satisfactory supply / completion / installation & Commissioning report (OR)
- (ii) Bill of Lading, Commercial Invoice / Payment Invoice (OR)
- (iii) Consignee receipt delivery receipt (OR)
- (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/ Vat.
- (v) Any other documents which shall prove that the bidder has successfully executed such order (s).

Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.

- 4.0 The bidder must submit following additional documents alongwith their Technical Bid:

- (a) If the Bidder is not the OEM of the offered RMT Tool, documentary evidence must be submitted with regard to their relationship with the OEM satisfying clause No. 3.1 above.
- (b) If the Bidder is not the OEM of the offered RMT Tool, a letter of authorization from the OEM authorizing the Bidder to sell their products and services (viz; supply, installation & commissioning and training) must be submitted, which should also include proper warranty and guarantee back-up of the OEM as outlined in enclosed **ANNEXURE-I**.

- 5.0 Unsolicited bids shall be straightway rejected.

- 6.0 Bidder/OEM must submit an undertaking along with the Technical Bid that their offered Reservoir Monitoring Tool is not going to become obsolete during the next five (5) years from the date of successful installation & Commissioning, if order is awarded on them by OIL and must guarantee uninterrupted supply of spares and availability of services for at least for ten (10) years with effect from the successful installation & Commissioning of the equipment, without which offer will not be considered for evaluation/placement of order. Bidder must also offer/confirm free periodic up-gradation/updation of the Software for a minimum period of ten (10) years from the date of commissioning of their supplied RMT tools, failing which the Bid shall be rejected.

- 7.0 Bidder quoting Delivery Period more than nine (9) months from the date of placement of order/opening of LC (as the case may be) and Installation & Commissioning more than one (1) month from the date of receipt of notification from OIL shall not be considered and their Bid shall be liable for rejection.

(B) COMMERCIAL:

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

- 1.0 Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Price/Cost details should not be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices/rates, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bids not complying with above submission procedure shall be rejected outright without any further reference.
- 2.0 **Bid Security in ORIGINAL** shall be furnished by the Bidder as a part of their TECHNICAL BID. The amount of Bid Security and its validity shall be as specified in the covering letter to this Bid Document. **Any bid not accompanied by a proper bid security in ORIGINAL shall be rejected without any further consideration.** A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.
 - 2.1 For exemption for submission of Bid Security please refer Clause No. 9.8 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).
- 3.0 Validity of the bid shall be minimum 120 days from the date of Bid Closing. Bids with lesser validity shall be straightway rejected.
- 4.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be brand new (of recent make) and of the best quality and workmanship and shall be guaranteed for a period of 12 months from the date of successful commissioning against any defects arising from faulty materials, workmanship or design. Defective goods/ materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier’s expenses at no extra cost to OIL.
- 5.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for a period of 12 months from the date of commissioning. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
- 6.0 Offers should be submitted with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

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

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

- (A) **Total Cost of Main Equipment (TT RMT Tools)**
- (B) **Total Cost of Tools/accessories/software/spare & consumables as per Annexure-5**
- (C) **Total Cost of Materials (A+B)**
- (D) **Packing & FOB Charges**
- (E) **Total FOB Port of Shipment Value (C+D)**
- (F) **Overseas Freight upto Kolkata, India**
- (G) **Insurance Charges**
- (H) **Total CIF Kolkata Value (E+F+G)**
- (I) **Pre-Despatch Inspection Charges, if any**
- (J) **Installation & Commissioning Charges including Service Tax**
- (K) **Training Charges including Service Tax**
- (L) **Grand Total Value (H+I+J+K)**
- (M) **Grand Total Value in words:**
- (N) **Gross Weight:**
- (O) **Gross Volume:**

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

- (A) **Total Cost of Main Equipment (TT RMT Tools)**
- (B) **Total Cost of Tools/accessories/software/spare & consumables as per Annexure-5**
- (C) **Total Cost of Materials (A+B)**
- (D) **Packing & Forwarding Charges**
- (E) **Total Ex-Works Value (C+D)**
- (F) **Excise Duty & Cess (Please indicate applicable rate)**
- (G) **Sales Tax (Please indicate applicable rate)**
- (H) **Total FOR Despatching Station Value (E+F+G)**
- (I) **Road Transportation Cost to Duliajan, Assam**
- (J) **Insurance Charges**
- (K) **Assam Entry Tax**
- (L) **Total FOR Duliajan value (H+I+J+K)**
- (M) **Pre-shipment Inspection charges, if any**
- (N) **Installation & Commissioning charges including Service Tax**
- (O) **Training charges including Service Tax**
- (P) **Grand Total Value (L+M+N+O) above**
- (Q) **Grand Total value in words :**
- (R) **Gross Weight :**
- (S) **Gross Volume :**

Note: The items covered under this Tender shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence eligible for NIL rate of Customs Duty/Deemed Export Benefits.

- 8.0 The prices offered shall have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- 9.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.
- 10.0 Bids containing incorrect statement will be rejected.
- 11.0 Bidder shall accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:
- i) Liquidated Damages
 - ii) Warranty/Guarantee of material
 - iii) Arbitration / Resolution of Dispute
 - iv) Force Majeure
 - v) Applicable Laws

(C) FINANCIAL CRITERIA:

- 1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum US\$ 13,12,500.00 or Rs 8,92,50,000.00 during any of the preceding 03 (three) financial/accounting years reckoned from the original bid closing date of the tender.
- 2.0 "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the Bid Closing Date of the Tender i.e. for the year 2015-16.
- 3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial /accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the Balance Sheet/Financial Statements for the financial year 2016 (As the case may be) has actually not been audited so far'.

Note:

- (a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-
- i) A certificate issued by a practicing Chartered Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in **ANNEXURE**.

OR

- ii) Audited Balance Sheet along with Profit & Loss account of the relevant year(s). In case of foreign bidders, self-attested/digitally signed printed **published Accounts** are also acceptable.
 - (b) In case the bidder is a Central Govt. Organisation/PSU/State Govt. Organisation/Semi-state Govt. Organisation or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and Central Govt., their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.
- 4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

BID EVALUATION CRITERIA:

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 shall be considered for further evaluation as per General Terms and Conditions for Global Tender and the Bid Evaluation Criteria given below:

- 1.0 The evaluation of bids shall be done as per the Commercial Bid Format (SUMMARY) detailed vide Para 7.0 of BRC.
- 2.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected accordingly. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 3.0 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.
- 4.0 To ascertain the inter-se-ranking, the comparison of responsive bids shall be made as under, subject to corrections / adjustments given herein.
- 4.1 **When only foreign bidders are involved:**

Comparison of bids will be done on the basis of "TOTAL VALUE" quoted by the Bidders as per Price Bid Format adopted in the Tender considering the following:

- (A) Total Cost of Materials including Tools/accessories/software/spare & consumables

- (B) Packing & FOB Charges
- (C) Total FOB Port of Shipment value, (A+B) above
- (D) Ocean Freight Charges upto Kolkata, India
- (E) Insurance Charges @ 1% of Total FOB Value vide (C) above
- (F) Banking Charges @ 0.5% of Total FOB Value vide (C) above in case of payment through Letter of Credit (If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value will be loaded)
- (G) Total CIF Kolkata Value, (C+D+E+F) above
- (H) Pre-despatch Inspection charges, if any
- (I) Total Installation & Commissioning charges including service tax
- (J) Training charges, if any, including service tax
- (K) Total Value (G+H+I+J) above

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

4.2 When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response:

Comparison of bids will be done on the basis of "TOTAL VALUE" quoted by the Bidders as per Price Bid Format adopted in the Tender considering the following:

- (A) Total Cost of Materials including Tools/accessories/software/spare & consumables
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value, (A + B) above
- (D) Excise Duty including Cess, (Please indicate applicable rate of Duty & Cess)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching Station price, (C+D+E) above
- (G) Road Transportation charges upto Duliajan, Assam
- (H) Insurance Charges @0.5% of Total FOR Despatching Station Value (F) above
- (I) Assam Entry Tax @ 2%
- (J) Total FOR Duliajan value, (F+G+H+I)
- (K) Pre-despatch Inspection charges, if any
- (L) Total Installation & Commissioning charges including service tax
- (M) Training charges, if any including service tax
- (N) Total Value (J+K+L+M) above

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

4.3 When both foreign and domestic bidders are involved:

The Total Value of domestic bidder (inclusive of customs duty on imported raw material and components etc. and applicable terminal excise duty on the finished products and Sales Tax) excluding inland transportation to destination, Assam Entry Tax and Insurance charges worked out as per Para 4.2 above and Total Value of the foreign bidder worked out as per Para 4.1 above will be compared. No price preference will be allowed to indigenous bidders except that for capital goods, the domestic manufacturers would be accorded a price preference to offset CST to the extent of 4 % or actuals, whichever 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 shall be adopted for evaluation of the offers.

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

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ANNEXURE-5

**TOOLS/ACCESSORIES/SOFTWARE/SPARE & CONSUMABLES
TO BE SUPPLIED ALONGWITH TT RMT TOOLS**

1. Gamma Ray Tool : 1 No.
2. Casing Collar Locator Tool: 1 No.
3. Operational Accessories: 1 Set
4. Portable Surface Logging System: 1 Set
5. Portable Logging System Software: 1 Set
6. Data Processing & Interpretation: 1 Set
7. Lab System for fault analysis & repair: 1 Set
8. Spare Parts and Consumables : 1 Set

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ANNEXURE – C**COMMERCIAL CHECK LIST**

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Supply House	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
3.0	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 120 days from the bid closing date of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of tender Payment Terms of 80% against shipment/dispatch documents and balance 20% after successful commissioning/testing along with commissioning/testing charges?	Yes / No
5.0	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
5.1	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
6.0	Whether Price submitted as per Price Schedule (refer Para 12.0 of BRC vide Annexure – II)?	Yes / No
6.1	Whether cost of Recommended Spares for 2 years of operations quoted?	YES/NO
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No
8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No

9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	Yes / No
9.3	Whether Indian Agent applicable ?	Yes / No
	If YES, whether following details of Indian Agent provided?	
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	(c) Whether agency commission included in quoted material value?	
10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
10.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
10.3	For Indian Bidders only - Whether indicated import content in the offer?	Yes / No
10.4	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No
11.0	Whether all BRC/BEC clauses accepted ?	Yes / No
12.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
13.0	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No
14.0	Whether balance sheet of last 3 financial year have been uploaded ?	Yes / No