



Ref No. FD09/1417919/27032019

Date: 31.01.2019

FORWARDING LETTER

M/s _____

Sub: Tender No. SDG0379P19/09 for SUPPLY, TRAINING, INSTALLATION & COMMISSIONING OF SLIM QUAD COMBO TOOLS

Dear Sirs,

- 1.0 OIL INDIA LIMITED (OIL), a “Navaratna” Category, Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam. Duliajan is well connected by Air with nearest Airport being at Dibrugarh, 45 km away.
- 2.0 In connection with its operations, OIL invites International Competitive Bids (ICB) from competent and experienced manufacturers through OIL’s e-procurement site for “**SUPPLY, TRAINING, INSTALLATION & COMMISSIONING OF SLIM QUAD COMBO TOOLS**”. One complete set of Bid Document for above is uploaded in OIL’s e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL’s e-procurement portal. For your ready reference, few salient points of the Tender are highlighted below:

E-Tender No	:	SDG0379P19/09 DATED 31.01.2019
Type of Bidding	:	SINGLE STAGE TWO BID SYSTEM
Tender Fee	:	NOT APPLICABLE
Bid Closing Date & Time	:	27.03.2019; 11:00 HRS.
Technical Bid Opening Date & Time	:	27.03.2019; 14:00 HRS.
Price Bid Opening Date & Time	:	To be decided later and shall be intimated separately to the technically qualifying bidders.
Bid Security Amount	:	INR 47,51,000.00 OR USD 73,100.00
Bid Security Validity	:	Upto 31.12.2019
Bid Submission Mode	:	Bids must be uploaded online in OIL’s E-procurement portal
Bid Opening Place	:	Office of GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India.
Bid Validity	:	Bid should be valid for 120 days from actual bid closing date.

Original Bid Security to be submitted	:	Office of GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India.
Performance Guarantee	:	Applicable @ 10% of Order value
Integrity Pact	:	To be submitted as per attached format
Pre-bid Conference	:	Date: 26th and 27th February' 2019 Venue: Oil India Ltd, Duliajan, Assam-786602 Last date for receipt : 20.02.2019 of Pre-bid Query
Contact Details	:	AMRIT L BORA, MANAGER MATERIALS E-MAIL: MMFD1@OILINDIA.IN; PHN: 0374-2808720
E-Tender technical Support	:	TEL: 0374- 2804903, 2807171, 2807192, E-MAIL: ERP_MM@OILINDIA.IN
Bids to be addressed to	:	GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India.
LIST OF ANNEXURES APPLICABLE		
General Terms & Conditions	:	MM/GLOBAL/E-01/2005 for E-Procurement ICB Tenders
Annexure-A	:	Specification and various notes to bidders
Annexure-B	:	Bid Evaluation & Rejection Criteria
Annexure-C	:	Certificate of Annual Turnover & Net Worth
Annexure-D	:	Format of undertaking by Bidders towards submission of authentic information/documents
Appendix - 1 to 5	:	Matrixes for Technical, Commercial & BEC/BRC Evaluation
Others	:	Any other document uploaded online in OIL's E-procurement portal.

3.0 OIL now looks forward to your active participation in the Tender.

Thanking you,
Yours faithfully,
OIL INDIA LIMITED

sd/-
(Amrit Loushon Bora)
Manager Materials(FD)
For GM Materials
For Resident Chief Executive


ANNEXURE-A

1.0 PREAMBLE:

- 1.1 OIL India Limited (OIL) intends to procure two numbers of complete Slim Quad Combo Tool String consisting of Array Induction, Neutron, Density and Sonic Tools with all accessories for logging through Vertical or Horizontal well sections. The suite/string should be able to acquire data in real-time when run on wireline. It should record data in memory when run at the end of the drill-pipe also. In memory-mode the slim quad combo tool should be able to be pumped down through the drill-pipe with the wireline logging cable attached at the end of quad combo string in highly deviated and horizontal wells. Another objective of using Slim hole tools should be in difficult wells by deploying through drill-pipe where obstructions such as ledges, areas that are swelling or sloughing, areas with filter cake buildup does not allow standard Open Hole logging tools to pass easily, wasting valuable rig time.
- 1.2 The Quad Combo string should be able to carry-out formation evaluation utilizing new-generation slim open hole logging tools, portable surface acquisition panel and accessories with OIL's existing surface logging units.
- 1.3 The Slim-Hole Quad Combo Open Hole logging Suite should have an **outside diameter of 2.35" or less** and must be capable of conveyance by **"Wireline"** and through **"Drill-Pipe"** in **vertical, high angle and horizontal wells**.
- 1.4 The Slim Tool String must be comprised of all necessary state-of-art hardware & software and capable of acquiring log quality comparable to that of standard logging tools. The Quad Combo logging string must interface with **"15/32" or "Slammer Cable"** for transfer of power and telemetry for conducting real-time Open Hole logging operations.
- 1.5 The slim quad-combo tools must be suitable for lowering with wire line for vertical well logging operations. However, for operations in highly deviated and horizontal wells, the Quad Combo string must have a **slim-hole battery and a memory unit**. For these deviated/horizontal wells, the string alongwith a battery-memory unit shall be pumped through-and-below drill pipe to log Open Hole sections as the drill-pipe is tripped-out of hole.
- 1.6 The tool package should be able to seamlessly interface with OIL's existing LOGIQ surface systems. The package must have requisite operational and application software to carry out above logging operations in **Open Hole** in oil and gas wells of 6000 meters depths, likely to encounter hostile and sticky down hole conditions.
- 1.7 **DETAILS OF TECHNICAL SPECIFICATIONS FOR SUPPLY OF TWO NOS. OF SLIM QUAD-COMBO OPEN HOLE LOGGING TOOLS WITH ACCESSORIES ALONG WITH SCOPE OF WORK FOR TRAINING, INSTALLATION & COMMISSIONING ARE DETAILED IN ANNEXURE-A1 TO ANNEXURE-A10.**

2.0 GENERAL NOTES TO BIDDERS:

Sl No	Clause description
1.0	<p>a) A Pre-Bid Conference is planned to be held at Oil India Limited, Duliajan, Assam-786602 on 26th and 27th February' 2019 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 MM(FD), Oil India Limited, P.O. Duliajan-786602, ASSAM, Phone: 91-374-2808720, Fax: (91)374-2800533, E-mail: mmfd1@oilindia.in well in advance regarding the venue & other related details.</p> <p>b) Maximum two (2) representatives from each prospective bidder (authorized to participate in the tender), shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by their representatives shall be borne by the interested Bidders.</p> <p>c) The prospective bidders may submit their queries, if envisaged against the tender conditions any, through e-mail/fax/letter to the above mentioned address at least one week prior (i.e. by 20.02.2019) 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/modifications in this regard, if agreed any, through an addendum to tender document in e-portal and thereafter Company shall be at liberty to reject all such non-compliant Bids.</p>
2.0	<p>a) Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site https://etender.srm.oilindia.in/irj/portal</p> <p>b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.</p>
2.1	<p>Submission of Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode (Payment Gateway) or Submission of Bank Guarantee/LC only. No DD/Cheque/Cashier Cheque or any other mode will be acceptable.</p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602.</p> <p>b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.</p>

3.0	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.
4.0	Bid must be submitted online through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.
5.0	<p>Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super-scribing Tender No. and Bid losing Date to The GM-Materials, Materials Department, Oil India Limited, Duliajan-786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.</p> <p>a) Original Bid Security along with two duplicate copies of Bid Security. b) Any other documents which have been particularly asked for in this tender for submission.</p>
6.0	Bidders must ensure that their bid is uploaded in the system before the Bid 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.
7.0	<p>The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Notes and Attachments</div> <div>→ Only Price Details Should Be Uploaded</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Technical attachments</div> <div>→ All technical bid documents except price details</div> </div> <p style="margin-top: 20px;">Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “New Vendor Manual (effective 12.04.2017)” available in the login Page of the OIL’s E-tender Portal.</p> <div style="margin-top: 10px;">  <div style="position: absolute; top: 10px; right: 10px; background-color: orange; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Click here for the New Manual & Instruction </div> </div>

8.0	During Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that “TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFx Response-> User - > Technical Bid. <u>No price should be given in above Technical Rfx otherwise the offer will be rejected.</u> Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFx Response-> User - > Technical Bid only. Similarly, the “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.
9.0	PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.
10.0	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 rejection of its offer without seeking any clarifications.
11.0	Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.
12.0	To ascertain the substantial responsiveness of the bid, OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by OIL, failing which the offer will be summarily rejected.
13.0	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.
14.0	All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be liable for rejection.
15.0	Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
16.0	Clause deleted
17.0	The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 12 months from date of commissioning and handing over to OIL. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. All the tools to be supplied against order out of this tender shall be of recent make. OIL will not accept any such Tool, which has been manufactured & tested one year prior to the date of placement of order. Bidders must confirm the same in their quotations.

18.0	Quantity of Individual item may be increased or decrease at the time of final placement of order. The minimum FOB/FCA charges in case of partial order for reduced quantity/enhanced quantity shall have to be indicated by the bidder. In case, this is not indicated specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder.
19.0	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
20.0	<p>The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.</p> <p>OIL's Independent External Monitors at present are as under:</p> <p>SHRI RAJIV MATHUR, IPS (Retd.), Former Director (IB) Govt. of India e-Mail ID : rajivmathur23@gmail.com</p> <p>SHRI SATYANANDA MISHRA, IAS(Retd.) Former Chief Information Commissioner & Ex-Secretary, DOPT, Govt. of India E-mail Id : satyanandamishra@hotmail.com</p> <p>SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : jagmohan.garg@gmail.com</p>
21.0	Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.
22.0	<p>Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms & Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. Bidders to note the same and to confirm its acceptance in their offers.</p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist- Dibrugarh, Pin- 786602.</p> <p>b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.</p>

23.0	Bidder to sign and submit completely filled up Technical & Commercial check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification (APPENDIX-1 TO APPENDIX-5) failing which their offer will be rejected.
24.0	Payment Terms: 80% payment will be made against supply of materials and balance 20% after satisfactory installation & commissioning at site along with the installation & commissioning charges. Bidders must confirm the same while quoting.
25.0	Liquidated Damages: Refer to “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). The applicable GST on the Liquidated Damage shall have to be borne by the seller. Accordingly, the Liquidated Damage shall be recovered from the seller along with applicable GST.
26.0	<p>The items covered in this Tender shall be used by Oil India Limited in the PEL/ML areas and hence Nil rate of Customs Duty towards import (for foreign bidders) and concessional GST @5% (for foreign & indigenous bidder) will be applicable as per Govt. Policy in vogue.</p> <p>Overseas Bidders are not required to include Customs Duty and IGST components in their quoted cost, since all applicable taxes & Duties in India shall be to the account of Oil India Limited.</p> <p>In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export Benefit Scheme, where import content is declared by the bidder for availing Custom Duty benefit on the import content.</p> <p>Supplier shall arrange to provide all necessary documents (invoice etc.) to OIL for applying Essentiality Certificate on receipt of request from OIL, if any. Further, Suppliers shall affect dispatch only on receipt of relevant certificates/shipment clearance from OIL, failing which all related liabilities shall be to Supplier’s account.</p>
27.1	In case of placement of order, OIL reserves the right to convert the order from FOB Port of export to C&F Kolkata term considering the ocean freight quoted by the party in their offer. In case the order is converted to C&F Kolkata Port, the performance security amount shall also be enhanced considering the quoted ocean freight charges.
27.2	Bidder should confirm in their quotation that in case of C&F order, their nominated freight forwarder should provide Delivery Order under Single Window facility having office of local agent in India at Kolkata and offer 14 days free detention time of containers at discharging port.
27.3	Clause deleted
28.0	Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Policy details are available in APPENDIX-6
29.0	Alongwith the technical bid, bidders must submit duly filled undertaking as per format provided vide Annexure-D towards submission of authentic information/ documents.

Clauses related to GST

1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings:
 - (a) GST - means any tax imposed on the supply of goods and/or services under GST Law.
 - (b) Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.
 - (c) GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.
2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.
3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.
4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.
5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.
6. **When Input tax credit is available for Set Off**
 Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders

When Input tax credit is NOT available for Set Off

Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders.

7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.
8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/ Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.

1.0 SLIM-HOLE QUAD COMBO LOGGING TOOLS (QUANTITY-02 SETS)

- 1.1 Bidders must quote two identical sets of independent Slim Quad Combo Logging Tools with complete standalone portable surface system, power supplies, complete calibration system and other accessories required for logging.
- 1.2 The slim-hole quad combo tools must have Array Induction resistivity, compensated Neutron, compensated Density and Sonic tools having specifications outlined in paragraph below. The mentioned logging tools should be rated for minimum **96.5 MPA (14,000 PSI)** pressure and minimum **148Degree C (300 Deg F)** temperature. The down hole tools must withstand maximum rated pressure and temperature for a minimum period of one hour continuous exposure.
- 1.3 Bidder's offer of the Quad combo tool string must be of an **outer diameter of 2.35" or less**. The tool string must be shorter, lighter having improved performance efficiency without compromising on operational range.
- 1.4 The Quad combo logging string must be capable of **"FOUR"** different types of deployment/logging for data acquisition.
 - [a] With Wire line in Open Hole - Real Time data acquisition in a single pass.
 - [b] Wire line Through Drill pipe - Real Time data acquisition in a single pass.
 - [c] Through Drill Pipe in difficult wells/highly deviated wells – Memory Logging data acquisition in a single pass.
 - [d] By pumping out (gravity decent not possible) through Drill Pipe in Horizontal wells - Memory mode of Logging in a single pass.
- 1.5 The tool string should be able to acquire real-time data when run with OIL's existing **15/32" OD and "Slammer" cables** fitted in existing logging units.
- 1.6 Bidder must quote ruggedized portable Surface Acquisition system with all related panels for data acquisition with wire-line.
- 1.7 Bidder must provide a slim battery section and a memory unit for logging in highly deviated or horizontal wells.
- 1.8 During Memory mode of logging the Quad Combo tool string must be accompanied by a **"hang-off collar"** sub below end of drill-pipe for precisely positioning the tool string when it is extended below drill-pipe. The sub should be a "NO-GO" collar near top of logging string to restrict travelling further down once the logging sensors are protruded into Open Hole.
- 1.9 Bidder's Quad combo tool must have **"Drop-Off"** tool allowing the tool string to be run on wire line for positioning on top of hang-off sub for commissioning of memory mode quad-combo logging tool-string. After positioning on the hang-off sub the "Drop-off" tool must disconnect from the logging tool string for retrieving wire line from well.
- 1.10 The Quad combo tool string lowered in memory mode must be retrieved by pumping wire line cable head for latching tool string inside drill-pipe after completion of logging run.

- 1.11 Bidder must quote all items necessary to allow mud circulation and rotation of drill-pipe and ensure well control in case well kick is observed during logging with the drill-pipe. Bidder must quote surface equipment (packing unit required to close around wireline along with T-connection and all crossovers to drill pipe) used to close the well and permit pumping cable head.
- 1.12 Bidder's tool technology must allow for successful acquisition of logs in wells and rapid retrieval of logging tools and radioactive sources if the pipe becomes stuck.
- 1.13 Bidder's tool technology must have sufficient safeguards against performance failure before deployment in Open Hole for memory mode logging. The system must ensure tool checks and confirm that the tool string (operation of sensors, memory and tool arms) is performing properly before un-latching wire line from tool string.
- 1.14 As a part of pre-job assessment program the bidder must provide software applications (Quantity-01 no.) to analyze mechanical and hydraulic forces acting from surface to total depth for ensuring that the tool string pass safely through the well trajectory.
- 1.15 Bidder's tools must be **completely characterized and environmentally corrected** (for hole size, mud weight, mud type, centered/eccentered tool positions etc.) for carrying out logging in holes up to 12.5 inches in diameter to deliver logs equivalent in quality to standard open-hole quad-combo logging tools.
- 1.16 Bidder's offer of Quad Combo Tool string should be equipped with proper accessories to log holes from vertical through horizontal wells.
- 1.17 Quad-combo tool string run in memory mode provides logging data with reference to time. Bidder must provide necessary software to convert at surface recorded memory logs read with reference to actual well depth.
- 1.18 The Quad combo logging tool string should be able to be run as individual tools or combinable in triple- or quad-combo configurations.
- 1.19 Bidder must quote all equipment and accessories, wherever necessary, for smooth operation compatible with size of the quad combo tool string. Bidder quote must contain **Swivels** (Qty-03 nos.), **Knuckles** (Qty-04 nos.), **Flex joints** (Qty-03 nos.), **Inline Bow Springs** (Qty-02 nos. each for hole sizes from 8.1/2" to 20"), **Weight bars** (Qty- 12 nos.), **Cable heads** (Qty – 10 nos.), **Cable Head Weak points** for logging with wire line cable (8K & 10K Qty- 20 nos. each), **Latches** (Qty -06 nos.), **Tool end Bull Plugs**(Qty-05 nos.) and any other items required for successful quad combo logging operations in sufficient quantity (Min 02 quantity each item).
- 1.20 Bidder must quote all items necessary (whether mentioned explicitly or not in this document) for logging with above tools in wireline or memory mode. If any of the items are quoted in lesser quantity or not quoted and is required for operation with logging tool string the said item shall have to be provided FOC to OIL.

1.21 Bidder must quote the below mentioned items as mentioned in the following table-1 as per required quantity for **TWO** set of tool-strings:

S/N	AUXILLARY EQUIPMENT	QTY	REMARKS
1.21.1	Calibration equipment	02 EA	MUST quote all necessary calibration equipment against each tool, if required.
1.21.2	Well site verifiers	02 EA	MUST quote all necessary well site verifiers against each tool, if required.
1.21.3	Low Friction or Low contact Area Stand-off, etc.	Bidder must quote 08 items each for Open Hole logging operation from 8.1/2" TO 17.1/2" OD	MUST quote in requisite quantity all items
1.21.4	Requisite Radio Active Sources	02 EA RA source to be quoted for Neutron and Density tools	MUST quote all RA sources against required tools.
1.21.5	Quad combo tool string compatible tool body low friction rollers/Fly wheels, Roller Bottom nose etc. low-friction conveyance accessories to reduce frictional drag forces/contact friction acting on the low side of the tool string. <i>(While lowering the string without drill-pipe conveyance by using wire line only).</i>	Low friction rollers/ Fly wheels=Qty-10	Bidder MUST quote tool body rollers, roller bottom nose & all low friction conveyance accessories.
		Roller Bottom nose= Qty-02	
		Any other conveyance accessories if reqd. to be quoted Qty-02 EA.	
1.21.6	Tool Centralizers or any other accessory required for running offered Open Hole logging tools in Wire line and Drill-pipe conveyance mode.	As required for running offered tools in vertical, high deviated through horizontal wells. Qty-16 nos. (Open Hole section hole size 8.1/2" OD to 17.1/2" OD)	Bidder MUST quote centralizers for vertical, high deviated through horizontal wells compatible to Quad combo tool string.

NOTE-1: The bidder must submit the technical specifications against each Slim Quad-Combo logging tools in a tabular format (Appendix – 1). The technical specification table must include information on tool diameter, borehole diameter ranges, casing OD ranges, measurement type and ranges, depth of investigation, vertical resolution, accuracy, pressure & temperature rating etc. as applicable, in addition to others. Any deviations from OIL technical specifications should also be highlighted in this tool specs table.

1.22 SLIM ARRAY INDUCTION RESISTIVITY TOOL (MINIMUM FOUR RESISTIVITY MEASUREMENTS): QUANTITY-01 No. PER STRING

The Slim Array Induction Resistivity Tool should be able to determine true formation resistivity - Rt in thinly bedded and deeply invaded formations having following minimum technical specifications.

Minimum Technical Specification:

The tool should be an array type induction resistivity tool with multiple depths of investigation for generating shallow to deep resistivity logs.

- 1.22.1 The tool should be capable of recording at least **5 radial resistivity curves** and measure minimum resistivity from **0.2 to 500 ohm-m**.
- 1.22.2 Tool must have Vertical Resolution of **1ft, 2ft or 4ft**.
- 1.22.3 The tool must have Radial Depth of investigation **10 to 90 inches** or more (i.e., 10", 20", 30", 60" & 90" from borehole wall).
- 1.22.4 Tool must be able to record in hole sizes **6 inches to 12.25 inches** or more.
- 1.22.5 The skin effect correction should be applied on actual measurement in real time.
- 1.22.6 The tool should have built-in capability to **record SP signal** simultaneously.
- 1.22.7 Shop **calibration jigs/loops** and on site test equipment, if any, should be quoted separately, Quantity=01 set. per tool (Refer clause 1.21.1, 1.21.2).
- 1.22.8 Necessary centralizers / stand-offs for logging in standard open hole sizes **6 inches to 20 inches** OD should be provided. (Quantity defined in clause 1.21)
- 1.22.9 All items/assemblies of the tools should be quoted individually.
- 1.22.10 Well-site log products must include Invasion Images, Raw curves , Resistivity profiles at 10", 20", 30", 60", 90" for different vertical resolution, Coherence map of arrays, Rt, Rxo, flushed zone diameter and invaded zone diameter.
- 1.22.11 Necessary software for processing the tool measurements with environmental corrections and invasion profile in color code should be quoted (if such software modules are not available with existing ruggedized portable logging units). If any such software are found not quoted bidder has to provide such software at no charge to OIL.

1.23 SLIM HOLE COMPENSATED DENSITY LOGGING TOOL: QUANTITY-01 No. PER STRING

Minimum Technical Specification:

- 1.23.1 **Detector pad assembly with back-up arm-caliper** Compensated formation density tool capable of deriving Borehole Compensated formation density. The tool should be capable of measuring the photo-electric absorption cross-section (Pe) of formation matrix.
- 1.23.2 The measurement range of the tool should be from **1.0 gram/cc to 3.0 gram/cc** for bulk density and **Pe of range 0 to 20**.

- 1.23.3 The tool caliper should have measuring range from **6 inches to 17.1/2 inches** or more.
- 1.23.4 Should have vertical resolution of **18 inches** or less for density.
- 1.23.5 Base Calibration system, simulators, sleeves and other accessories, and onsite test equipments / jigs for the tool check should be provided, quantity = 01 set per tool(Refer clause 1.21.1, 1.21.2).
- 1.23.6 Radioactive sources for Tool Calibration and Logging Operation along with their respective containers meeting IAEA safety standard, and also source handling tools must be provided as below :-
- | | |
|-------------------------------|--------------------|
| Radioactive Sources | = 01 no. per tool |
| Radioactive Source Containers | = 01 no. per tool |
| Source Handling tools | = 02 nos. per tool |
- 1.23.7 All items / assemblies for the tool should be quoted individually.

1.24 SLIM HOLE COMPENSATED DUAL SPACED NEUTRON POROSITY TOOL : QUANTITY-01 No. PER STRING

Minimum Technical Specification:

- 1.24.1 The tool should be eccentered dual detector type and should record formation Neutron porosity.
- 1.24.2 The tool should also be able to record porosity log in Open Holes with provision to measure in Cased Hole by compensating for casing, cement thickness.
- 1.24.3 Measuring range of the tool should be **-2 PU to 100 PU** (Porosity Unit) with an accuracy of **+/- 5% or better**. The tool should be calibrated to Limestone porosity along with a provision to change over to Sandstone/Dolomite porosity scales.
- 1.24.4 Should have vertical resolution of **24 inches or better**.
- 1.24.5 Should have Depth of investigation (50%) **6 inches** or better
- 1.24.6 Should be able to log boreholes of diameter from 6 inches to 12.25 inches.
- 1.24.7 Base Calibration system, simulators, sleeves and other accessories, and onsite test equipment / jigs for the tool check should be provided, Quantity = 01 set per tool(Refer clause 1.21.1, 1.21.2)..
- 1.24.8 Radioactive sources for Tool Calibration and Logging Operation along with their respective containers meeting IAEA safety standard, and also source handling tools must be provided as below:
- | | |
|-------------------------------|--------------------|
| Radioactive Sources | = 01 no. per tool |
| Radioactive Source Containers | = 01 no. per tool |
| Source Handling tools | = 02 nos. per tool |
- 1.24.9 Appropriate in-line De-centralizer for logging, quantity = 01 no. per tool

1.24.10 All items / assemblies for the tool should be quoted individually

NOTE-2: BIDDER MAY OFFER A COMBINED SLIM DENSITY NEUTRON LOGGING TOOL INSTEAD OF SEPARATE NEUTRON AND DENSITY TOOLS, IF SUCH TECHNOLOGY IS AVAILABLE WITH BIDDER.

1.25 SLIM BOREHOLE COMPENSATED SONIC ARRAY TOOL: QUANTITY-01No. PER STRING

Minimum Technical Specification:

- 1.25.1 The tool should be an acoustic logging tool with multiple transmitters and receivers designed to carry out borehole compensated compressional slowness measurements. The tool should also be able to carry out cement evaluation in cased hole.
- 1.25.2 The tool should be capable of recording full waveform data, waveform amplitude, slowness and arrival time in open-hole.
- 1.25.3 Tool should be able to produce compressional travel time (delta T) in open holes to derive sonic porosity.
- 1.25.4 The tool must be able to measure Transit Time in Open Hole: 40 μ s /ft - 190 μ s/ft or better.
- 1.25.5 Slim borehole compensated sonic tool must have accuracy of +/- 1 μ s /ft or better.
- 1.25.6 The tool should also record and display the following log curves:
 - 12.25.6.1 Individual receiver travel time.
 - 12.25.6.2 Integrated travel time.
- 1.25.7 Gain and threshold adjustments should be based on latest principles.
- 1.25.8 Over-body Centralizers/In-line Centralizers should be provided for recording compressional slowness log in hole size 6" to 12.25" or more, (Quantity defined in table-1)
- 1.25.9 Shop calibration system and onsite test equipment/jig for tool check should be provided, if any. Quantity = 01 set per tool
- 1.25.10 Any other accessories required for the tool should also be provided.
- 1.25.11 All items / assemblies of the tool should be quoted individually.

1.26 SLIM QUAD COMBO TELEMETRY CARTRIDGE TOOL WITH GAMMA SUB: QUANTITY-01No. PER STRING

Minimum Technical Specification:

- 1.26.1 The slim telemetry tool should have the capacity to transmit data from a Quad combo tool string to supplied portable surface logging systems.
- 1.26.2 The tool should work on latest digital data telemetry system with error checking capability during transmission.

- 1.26.3 The slim telemetry tool may have a scintillation gamma detector.
- 1.26.4 The scintillation gamma detector should be calibrated in API with measuring range of minimum 0 to 1000 API and having accuracy of (+/-) 5 API units.
- 1.26.5 Tool test equipment, calibration equipment, if any, should be provided, Quantity 01 no. per tool.
- 1.26.6 All items / assemblies for the tool should be quoted individually.

NOTE 3: Bidder may quote Telemetry Cartridge tools that have inbuilt GR for Natural gamma-ray detection, borehole inclination measurement section etc., if available with bidder.

1.27 SLIM HOLE DOWNHOLE TENSION DEVICE: QUANTITY-01No. PER STRING

Minimum Technical Specification:

- 1.27.1 To monitor and record slim quad combo tool string tension/compression.
- 1.27.2 Tool should be combinable with offered slim quad combo hole logging tools.
- 1.27.3 The tool may have sensor for borehole temperature measurement(optional)
- 1.27.4 Shop and well-site calibration system and test equipment, if any, should be provided, Quantity 01 no. per tool.
- 1.27.5 All items / assemblies for the tool should be quoted individually.

1.28 PORTABLE SURFACE LOGGING SYSTEM: QUANTITY-01 No. PER STRING

The bidder must quote for 02 (two) sets of complete Surface Logging systems 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. The surface system should record data from memory unit 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.

Minimum Technical specifications:-

- 1.28.1 The Portable Logging System should be latest generation state-of-art system, support multitasking, must be able to control logging operations/calibration for the Slim Quad combo tools , carry out data acquisition, data processing and other related functions. The system should work on latest operating systems like Windows, UNIX, LINUX etc.
- 1.28.2 The portable surface acquisition unit must be capable of interfacing with multi-conductor logging cable. It must be a field proven, latest version PORTABLE Logging System.
- 1.28.3 The portable surface system should comprise of tool interface and power supply panel, a host computer, a printer.
- 1.28.4 The portable system should be able to receive depth, tension and other auxiliary information from existing depth data panels in OIL's units.

- 1.28.5** Change over from OIL's existing truck system to the Portable system must be easy and user-friendly.
- 1.28.6** 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.
- 1.28.7** The portable system should work with power source of 110V-120V 60Hz supply from truck power source alternator/diesel generator.
- 1.28.8** 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

1.29 PORTABLE LOGGING SYSTEM SOFTWARE

The logging acquisition software must have the following minimum features:

- 1.29.1** The system application software should be of latest version. Software should be menu driven, user friendly with multi-tasking capability.
- 1.29.2** The system must be capable of converting log data into API standard LIS, ASCII(LAS) and other standard formats.
- 1.29.3** The system software must include automatic depth correction.
- 1.29.4** The system software must display real-time corrected depth and line tension.
- 1.29.5** 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.
- 1.29.6** The application software must apply borehole and environmental corrections during logging.
- 1.29.7** The application software must produce quick look basic processing of slim quad combo tool data at well-site.
- 1.29.8** Diagnostic software for the surface system as well as for the slim quad combo tool must be provided.
- 1.29.9** Details of the software along with price break up for each module (if any) should be provided.
- 1.29.10** *Backup copies* of all loaded software shall be supplied in CD / DVD format.
- 1.29.11** *Oil India Limited's logo* must be incorporated in all log printout and processed output.
- 1.29.12** The bidder should give an *undertaking to support perpetual licensing* for the software originally supplied from the date of commissioning of the unit.

1.29.13 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-4: (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 attached with the Tender.

(III) Any other processing software (with License Key) required for post processing of 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.

ANNEXURE-A2

1.30 SLIM QUAD-COMBO LOGGING TOOL OTHER ACCESSORIES:

The slim quad-combo logging tool string should be provided with all standard accessories for straight away commissioning with OIL's Logging Units for two set of tool-strings. Detail list along with price breakup of each item for two tool-strings, not limited to the following, has to be provided in the price bid. All operationally vital items must be included with the accessories.

1.30.1	Oil-filling adaptors for slim quad-combo tools (If any)	02 SET
1.30.2	Grease for Cable head (to be used with Grease guns, DC-111 of 400 gm or equivalent)	50 nos.
1.30.3	Lubriplate or Equivalent (approx. 14 oz / 397 gms.)	20 nos.
1.30.4	Tool oil used in all the slim quad-combo logging tools	05 Gallons EA type
1.30.5	Test Radioactive sources, if any, with containers meeting RA safety standard	01 nos. EA
1.30.6	Tool Dolly's, Basket Stands and adjustable high stands for use during tool testing, calibration and repair	05 nos. EA type
1.30.7	Strap wrench , Ridgid make	02 SETS
1.30.8	Well-site handling tools – Allan keys sets, Wrenches, C-Spanners, Snap-Ring pliers and other tools required for well-site operation.	02 SETS
1.30.9	Any other <i>items and hand tools</i> which are operationally required but not mentioned above must also be quoted (Required for Logging with Wire line and in Memory mode) [BIDDER MUST QUOTE ANY OTHER ITEM THAT HAS NOT BEEN MENTIONED ANYWHERE IN THE DOCUMENT BUT IT IS NECESSARY FOR CARRYING OUT OPERATIONS WITH OFFERED TOOLS IN WIRELINE AND MEMORY MODE]	As required

1.31 TECHNICAL MANUALS AND DOCUMENTATION: QUANTITY: 02 SETS EACH

The following technical manuals and documentations mentioned in Clauses 1.31.1 & 1.31.2 are to be supplied **at no charge to OIL:**

1.31.1 THE 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:

1.31.1.1 Technical leaflets, literatures with detailed specifications, Make & Model of Slim Quad-combo Logging Tools, Tool string compatibility with Surface System, Fishing equipment for Quad-combo tools and related equipments required for safe drill-pipe logging operations etc., must be offered in the Bid.

1.31.1.2 Proposed procedure for logging with drill-pipe in memory mode in high angle and horizontal wells keeping reference to rotation of pipe and circulation for well control purpose while logging.

1.31.1.3 Technical literature referring to deployment techniques in vertical, high angle and horizontal wells.

1.31.2 THE FOLLOWING DOCUMENTS SHALL BE SUBMITTED ALONG WITH THE SUPPLY OF THE SLIM QUAD-COMBO LOGGING TOOLS:

1.31.2.1 Four sets of Training Notes / Study Guides for the offered slim quad-combo logging tools in properly bound volumes.

1.31.2.2 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 for slim quad-combo logging tools in properly bound volumes.

1.31.2.3 Soft copies of all the above documents in CD / DVD.

1.31.2.4 All technical brochures / specification documentation and software related to the slim quad-combo tool string, and other equipments/ accessories offered by the bidder must be in English Language only.

1.32 SLIM QUAD COMBO CABLE GUIDED FISHING EQUIPMENT: QUANTITY = 02 NUMBERS

1.32.1 The bidder must provide fishing kit equipments required for slim quad-combo tools fishing through cut-and-thread in open hole.

1.32.2 Bidder must quote **TWO** sets of grapples (with lock control) per fishing kit for seizing fishing neck of the slim quad combo tool **cable head**. The grapple must be compatible to the supplied Bowen or equivalent overshot provided as spare.

1.33 SLIM QUAD COMBO TOOL SPARE PARTS AND CONSUMABLES:

Bidder must specify distinctly spares, consumables in a tool-wise manner along with required quote for the clause stipulations found below.

All Items in clause 1.33.1 through 1.33.2 shall be considered for bid evaluation.

1.33.1 The bidder is required to quote all **spares, consumables** and **accessories** required for **50 runs of operation** for the following items. The quote must contain *Part Number, description of each item, recommended quantity for 50 runs of operation, unit price, and extended price* of each quoted item.

- a.** Bidder must quote spares and consumables required during Post Job Servicing for 50 runs of each offered tools in tool-wise manner (**clauses 1.21 through 1.27**).

(Items as Printed Circuit Boards, Tool Detectors, Tool Pads, Transmitters& Receivers etc. are NOT to be quoted against this clause).

- b.** Spares & Consumables for **Cable Head, tool-latch** & for **Assemblies and accessories** which are used with slim quad-combo tools.

Bidder must quote complete two cable heads as spares with required consumables. Bidder must quote **20 SETS** of cable head spares of connector boots & sockets, socket contacts, Teflon sleeves, washers, pins, O-Ring if used.

Spares and Consumables for wire line latching tool assembly while running slim quad-combo tool in memory logging for **30 trips** consisting of O-Rings, connector spares, seals etc., if used inside latching device. Bidder must quote above materials item-wise.

Additionally, Spares and consumables changed in every slim quad combo logging job must be quoted item wise for 50 well trips, (If any).

- c.** Any other item, which the Bidder feels is required, but not mentioned in this clause.

NOTE-5: **The Bidder is expected to quote every item as mentioned in the above clause 1.33.1. Any item (consumable or accessory) NOT specifically quoted in the Bid for specified number / runs of operations and found to be required before completion of specified number / runs of operation, shall be supplied by the supplier FREE OF CHARGE TO OIL.**

1.33.2 The Bidder is required to quote the following:

One no. each of all the Printed Circuit Boards (PCB), if used in each down hole tool as mentioned in the clause 1.22 to 1.27.

(For example, if 5 nos. of circuit boards and 3 nos. of power supply boards are used in neutron logging tool, whether similar or different type, all the 5 circuit boards and 3 nos. of power supply boards must be quoted).

Bidder must ensure that the spare PCBs (tested) offered should have the same firmware version as that of the PCBs found in tools.

It is warranted that these PCBs must be functionally compatible with the supplied tools. In case, the spare PCBs are found non-functional or incompatible due to upgraded firmware version either the PCBs shall be replaced with boards fully functional with the tool or the complete tool must be upgraded firmware wise or other to make the tool completely functional both independently and in combination with all other tools in the string. Bidder has to provide undertaking to this effect indicating that they confirm to support PCB problem on FOC basis, for minimum 10 years period commencing from date of commissioning of the supplied tool-string.

The quotation for the PCBs must be tool-wise.

- 1.33.2.a** Complete Detector assemblies (for straightaway replacement) for **Density Tool (dual detector assembly), Compensated Neutron Tool(dual detector assembly), Scintillation Detector used in telemetry tool** same as fitted in each such tools must be quoted, *Quantity = 01 no. each*
- 1.33.2.b** ***Slim Borehole compensated Sonic array tool:-***
Bidder must quote ***Two sets*** of spare Transmitter - Receiver sensors used in the tool. For instance, If bidder's sonic tool comprises of 2 transmitter and 5 receivers, it must quote all the transmitter and receivers comprising as **1 SET**.
- 1.33.2.c** 10 nos. of each type of any Dynamic O-rings, if used in any of these tools.
- 1.33.2.d** 20 numbers of each type of O-ring used in each down hole tool (**clause 1.22 to 1.27**) which requires change after every run/post job servicing.
- 1.33.2.e** 50 numbers of each type of O-ring used in each down hole tool (**clause 1.22 to 1.27**) which requires change during carrying out PM2/tool assembly and disassembly.
- 1.33.2.f** Two times the number of Nuts, bolts, washers, roll-pin, lock-pin, connectors, different pins and boots, back-up rings etc. used in each down hole tool (**clause 1.22 to 1.27**).
- 1.33.2.g** Bidder must quote 05 nos. of wear pads/strips or any other items (if any) used in the Detector section of the density tool which prevent the detector body facing the formation from getting worn off.
- 1.33.2.h** Bidder must quote one number of spare load cell used in slim down hole tension tool (**clause 1.27**).
- 1.33.2.i** Bidder must quote **FIVE numbers** of spare battery pack compatible to the battery section of slim quad combo tool.
- 1.33.2.j** Bidder must quote **ONE number** of spare complete memory unit used in slim quad combo tool.
- 1.33.2.k** Bidder must quote one no. of all PCB's used in portable surface acquisition panel.

ANNEXURE-A6

1.34 SLIM QUAD-COMBO TOOL RECOMMENDED SPARE LIST:

Apart from the spares, consumables and accessories mentioned in the clauses clause 1.22 to 1.27, the bidder is required to submit a list of all the recommended spares (electronic, electrical, mechanical, etc.), accessories and consumables for slim quad-combo tools. 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 50 runs of slim quad combo logging jobs 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.

- 1.35** *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, and in the event a part is not available due to a vendor going out of business or some other reason, the Bidder will determine and supply a suitable replacement part on chargeable basis to OIL.*
- 1.36** Radioactive sources etc. are to be Air-freighted up to Kolkata / Delhi, India, and the bidders should quote accordingly.
- 1.37** Procurement of spares, accessories, PCBs, consumables etc. mentioned against clauses 1.33.1 to 1.33.2 shall be at the discretion of OIL.

ANNEXURE-A7

1.38 SLIM QUAD-COMBO LOGGING TOOL STANDARD PRICE LIST

Bidders are also required to submit a **standard price list** of the **entire items** used in the offered tools. The price list must include all electronic, electrical, mechanical items, accessories and consumables, Sub assemblies used in slim quad combo 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.***

- 1.39** 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 APPENDIX - 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.

ANNEXURE-A8

1.0 OTHER TECHNICAL REQUIREMENTS:

- 1.1** The ***Slim Quad-combo tool strings*** 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 meters. The offered technology must have been ***field proven for at least 1 (one) year prior to bid closing date.*** All items being supplied should be of ***recent manufacture not more than 1 (one) year old as on the date of placement of order (LOI)*** and should have been tested to their specification limits. The manufacturer should provide test certificate of this effect.
- 1.2** 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.
- 1.3** The bidder should also have proper ***R & D facilities*** for development and up-gradation of their equipment.

ANNEXURE-A9

1.0 TRAINING & INSPECTION SERVICE BY BIDDER:

- 1.1** The successful bidder will have to provide training for ***2 (TWO) Field Engineers and 2 (TWO) Maintenance Engineers*** at their premises/works which should be 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 shall be borne by OIL.
- 1.2** In the event of order, the successful bidder must submit their proposed training schedule to OIL within 30 days from placement of Purchase Order for the ***Field Engineers and Maintenance Engineers***, giving clear four (4) months for OIL to arrange and depute the inspection Team. Trainings shall be scheduled/commenced at least after 04 (four) months from the date of intimation to OIL. ***In any case, the engineer's training program must be completed within 9 months of the date of placement of order by OIL.***
- 1.3** **FIELD ENGINEERS' TRAINING:**

This should include detailed aspects of ***Slim Quad-Combo*** logging operations using both wire line and drill-pipe conveyance methods. Basic equipment trouble shooting at Base and at Field. The training curriculum should include theoretical and practical training for Field Engineers' Training Course covering ***Slim Quad-Combo*** logging operations including complete training on the software. Duration of the training period, location of training and prerequisite of the trainees, if any, etc. should be clearly specified in the bid document.

1.4 MAINTENANCE ENGINEERS' TRAINING:

This should include detailed theoretical and practical training on the **Slim Quad-Combo** logging tool hardware & software, slim tool preventive maintenance testing and various maintenance aspects for Maintenance Engineers' Training course. The training course must give special emphasis on disassembly - assembly process of all the supplied tools covering complete maintenance training of logging tools 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.

1.5 PRE-DESPATCH INSPECTION CUM ACCEPTANCE:

1.5.1 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.

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

1.5.3 INSPECTION PHASE WORK-FLOW

The pre-shipment inspection of the equipment 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 **Slim Quad-Combo** logging tool string 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 **Slim Quad-Combo** logging tools with LOGIQ system available at bidder's location to their rated specifications.
- (c) **Verification of all records of Pressure, Temperature, Shock and Vibration testing** carried out after manufacture of the logging tools as applicable.
- (d) **Checking of Export Invoices** and discussing necessary modalities for safe transportation of the goods.
- (e) Inspection of **Training Manuals and other Engineering Documents**.
- (f) The **Inspection and Acceptance report** would be prepared jointly and signed by representatives of both the parties at the end of the inspection process.
- (g) The supplier shall **confirm in writing compliance of all the points** as per purchase order.
- (h) After completion of the inspection, the **supplier will effect dispatch** of the **Slim Quad-Combo** logging string only on receipt of OIL's dispatch advice.

1.0 INSTALLATION AND COMMISSIONING OF SLIM QUAD COMBO TOOL

1.1 *Installation and commissioning* includes commissioning of **Slim Quad-Combo** logging tool-string, actual performance testing of the all offered tool in OIL's wells, commissioning **Slim Quad-Combo** logging tool-string in wire line and memory mode and testing of all other goods supplied. Bidder shall have to depute personnel with good communication capability in English, having minimum five years of experience in Wire line logging, **Slim Quad-Combo** logging operations in memory-mode with drill-pipe in highly deviated and horizontal wells and maintenance of offered logging tools. Bidder's personnel shall be responsible for commissioning of the entire equipment at Duliajan. OIL may ONLY assist during commissioning of the Wire line logging tools in OIL's wells. **The bidders must quote for lump sum commissioning charges which should include to and fro air-fare, accomodation of their personnel engaged during the commissioning period.**

1.2 The commissioning charges quoted will be considered for bid evaluation.

Contractor shall have to bear all expenses related to Train/Air/Sea travel, local transportation expenses, transit insurance and boarding and lodging expenses etc., for their personnel deployed during commissioning.

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 **Slim Quad-Combo** logging tools along with other accessories is to be completed **within 04 (Four) months** from the date of receipt of such an advice from OIL (this four months period excludes the waiting time for well readiness).

In the event of extension of commissioning period by more than 04 months due to non-availability of wells, the bidder may replace its commissioning engineers with engineers having commensurate experience of logging operation (Both Wire line Logging & drill-pipe conveyed) and having requisite maintenance background only to the satisfaction of OIL.

Bidder's inability to provide requisite engineers during equipment failure or during any time of the commissioning period resulting in delay in commissioning of the logging tool shall make it liable to LD as per clause 2.0 below.

Supply of short-shipped and warranty replacement items is to be arranged, including Customs Clearance etc. by the supplier 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 Liquidated Damage Clause (Clause 2.0 below) shall be made applicable in case of any delays.

1.3 In order to complete the field commissioning of the offered 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.

- 1.4 For installation and commissioning jobs at Duliajan (Assam), the offered tools shall be tested in OIL's drilling wells by carrying out actual logging operations. Prior to this, the logging tools will be calibrated in the base and at site to OIL's satisfaction. **Slim Quad-Combo** logging tool must perform **at least 04 nos. of successful logging jobs** in four different wells (02 operations using **"wireline-mode"** and 02 operations using drill-pipe in **"memory-mode"**). 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.
- 1.5 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 to a maximum of 10% of the value of the installation and commissioning. Moreover, if the successful bidder fails to commission the equipment within 06 (six) months from the date of intimation from OIL after arrival of the equipment at Duliajan, OIL will reserve the right to invoke performance security.

3.0 **WARRANTY:**

- 3.1 Oil India Limited (OIL) reserves the right to inspect & test all supplied materials upon arrival at site before acceptance. Any materials/item found defective during such inspection/test shall be rejected by OIL and the Supplier shall be obligated to repair/replace all such rejected materials/parts, notwithstanding to pre-despatch inspection/shipment clearance.
- 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. The warranty of the repaired / replaced items shall be correspondingly extended by a period equal to that from the date of intimation of failure to the date of commissioning of the replaced/repaired item. All spares and accessories required during the warranty period is to be arranged at site by the supplier, maximum within 03 (three) months, at their cost (including Customs Clearance etc.)

4.0 **DELIVERY**

- 4.1 *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.

- 4.2** 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.
- 4.3** 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.

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

The bids shall broadly conform to the technical specifications and terms & conditions detailed in this tender document. Bids shall be rejected in case the items/equipment/tools do not conform to the required parameters stipulated in the technical specifications and to the respective international/national standards wherever mentioned as well as to the terms of the tender. Notwithstanding the general conformity of the bid to the tender provisions including the specifications and terms & conditions, the following requirements must be particularly met by the Bidder, without which the offer shall be considered as non-responsive and rejected.

(A) BID REJECTION CRITERIA - TECHNICAL:**1.0 BIDDER'S ELIGIBILITY:**

- 1.1 The Bidder should either be the Original Equipment Manufacturer (OEM) of the offered *Slim Quad-combo logging tools*.

OR

The offered *Slim Quad-combo logging tools* is manufactured by the Bidder's Parent/Subsidiary/Co-subsidiary of any tier of same group company (any such relationship should be on 100% basis).

Note: Bidder must identify their status in the Technical Bid whether they are the OEM of Slim Quad-combo logging tools or Bidding as a Parent/subsidiary /co-subsidiary of the OEM.

- 1.2 The **Original Equipment Manufacturer (OEM)** of the offered Slim Quad-combo logging tools must satisfy the following criteria, irrespective of whether the Bidder himself is the OEM of the offered Slim Quad-combo logging tools or not:
- a) Should have minimum **05 (Five) years** of experience in manufacturing Slim Quad-combo logging tools as on the original Bid Closing Date of the Tender. A declaration by the OEM in this regard on their Letter Head duly signed & sealed must be submitted in original alongwith the technical Bid.
 - b) Should have manufactured and sold minimum **05 (Five) numbers** of Slim Quad-combo logging tools 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** as on the original Bid Closing Date of the Tender.
 - c) The **05 (five) numbers** of Slim Quad-combo logging tools as mentioned in sub-para (b) above, must have been sold/supplied directly by the OEM themselves or through their Parent/Subsidiary/Co-subsidiary to the clients/purchasers based in **at least 02 (Two) different countries**.
- 1.3 Alongwith the Technical Bid, the Bidder must submit following documentary evidences in support of the credentials of the OEM of offered Slim Quad-combo logging tools pursuant to clause No. 1.2 (a), (b) & (c) above.

- (a) Photo Copies of the contracts/purchase orders awarded by Clients together with the corresponding dispatch/delivery documents (viz; Invoices/Bill of Lading/Consignment Note etc.) and Successful Commissioning Report of the supplied units.
- (b) In addition to above, the Bidder must submit certificates/documents from minimum two (2) of their clients certifying that the Slim Quad-combo logging tools sold to them by the Bidder/OEM is/are functioning to their satisfaction. In lieu of such certificates from Clients, Undertaking from the CEO/Company Secretary of the bidding Company to the effect that his/her Company has executed/completed such Orders/Contracts for Slim Quad-combo logging tools are performing to the best satisfaction of Customers/Clients.

Notes:

- i. The Purchase Orders/contracts date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply must be within 5 (five) years preceding the original bid closing date of this tender.
- ii. In the event of any extension to the bid closing date of the tender, the original scheduled bid closing date shall be considered for evaluation of BRC clauses.
- iii. Documentary evidences regarding satisfactory supply/completion/installation report should be submitted alongwith the technical bid on client's letter head, duly signed & sealed by the authorised officials of such client/customer. Original documents, if & when warranted, must be produced for verification by OIL.

1.4

In case the Bidder is not the OEM of the offered Slim Quad-combo logging tools, but submitted their bid as the Parent/Subsidiary/Co-subsidiary of the same group company of OEM (on 100% basis), they must submit the following documents alongwith their Technical Bid, failing which their bid shall be considered as incomplete and rejected:

- (a) Documentary evidences regarding existence of such relationship between the Bidder and the OEM of the offered Slim Quad-combo logging tools.
- (b) Authorisation Letter/Certificate from the manufacturer (OEM) on their official letter head duly authorizing the Bidder to quote and sell their products & services (installation, commissioning, training, upgradation & troubleshooting etc.).
- (c) Back-up warranty letter from the concerned OEM for guaranteed supply and satisfactory performance of their Slim Quad-combo logging tools in the event of an order by OIL on the Bidder against the Tender.
- (d) In addition to OEM's experience as per Para 1.2 above, the bidder himself/themselves should have supply experience of minimum five (5) numbers of Slim Quad-Combo logging tools 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. Documentary evidences as per Para 1.3 above must be submitted in this regard alongwith the technical bid.

2.0 BIDDER'S EXPERIENCE AS A SERVICE PROVIDER:

- 2.1 The Bidder or its Parent/Subsidiary/Co-subsubsidiary of any tier of same group company (such relationship should be on 100% basis) must have experience of providing Wireline Logging Services for minimum of 2 (two) years to E&P companies at least in two (2) different countries other than its own country of origin during the last 5 (five) years preceding the original bid closing date of this tender.
- 2.2 In support of service experience as per clause No. 2.1 above, Bidder must submit documentary evidences in the form of relevant contracts/agreement copies evidencing the Scope of Work alongwith any one of the following documents:
- (a) Satisfactory completion/Performance Reports issued by Clients
OR
 - (b) Proof of release of Performance Security after completion of contracts
OR
 - (c) Proof of settlement/release of final payment against the contracts
OR
 - (d) Documentary evidences in the form of initial and final signed job tickets/service tickets against each such contracts/agreements
OR
 - (e) Any other documents which can substantially prove the service experience criteria as per clause No. 2.1 above.
- 2.3 As on the bid closing date of this Tender, the bidder must have its base in India with capability to provide immediate support / solutions to the
- 3.0 Conditional Bids like **“the product is under development and would be supplied by the time etc.,”** will be summarily rejected.
- 4.0 Wherever two or more sets of the same equipment/item are required, the bidders must quote all the sets of the same item that are identical in all respects i.e. the same category of equipments must be of same make, model and compatible in all respects. Offers not complying to above clause shall be rejected.
- 5.0 **Portable Surface Logging System:** The offered Slim Quad-combo logging tools must be capable of performing the logging operations and services with bidder's supplied portable surface logging system. The bidder must confirm compliance on this point in its bid.
- 6.0 **Training & Inspection:** Offer for Training & Inspection must be as per ANNEXURE-A9, of the tender. Else, bids will be rejected.
- 7.0 **Warranty:** The bidders must offer warranty for the entire equipment supplied as per Clause No. 3.0 of ANNEXURE-A10 of the tender. Else, bids will be rejected.
- 8.0 **Commitment for Spare Supply:** Bidders must submit a written undertaking that all the spares and consumables will be supplied on chargeable basis for a minimum period of 10 (Ten) years from the date of closing of bids, and in the event a part is not available due to a vendor going out of business or some other reason, the Bidder will determine and supply a suitable replacement part on chargeable basis to OIL. Else, bids will be rejected.

- 9.0 **Technical Specifications:** Bidders must quote as per the tender requirement only and provide FULL INFORMATION wherever applicable in the bid. After opening of the bids, in case any technical clarification is required on any bid data, 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 further evaluation. **The bidder must respond to each and every clause in the NIT in a tabular form as per APPENDIX – 2.**
- 10.0 **Installation and Commissioning:** Bidders must confirm in their offer that they would carry out installation and commissioning of the Slim Quad-combo logging tools and other supplied systems at Duliajan, Assam (India) as per Clause No. 1.0 of ANNEXURE-A10 of the enquiry. Bids not complying to the installation and commissioning as per NIT shall be treated as non-responsive and rejected.
- 11.0 **Delivery:** Delivery will be the essence of the contract. 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 domestic supplier) shall be considered as the date of delivery.
- 12.0 **Liquidated Damages:** 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.
- GENERAL NOTE:**
Bidder must confirm their response to each & every aforementioned BRC (Technical) clauses as per check-list provided in this tender document vide **APPENDIX-3**. The check-list should be duly filled in by the Bidder and upload as part of their Technical Bid to minimize post-tender clarifications and to avoid rejection of their offer.

(B) FINANCIAL CRITERIA

- 1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **US\$ 38,47,000.00 or Rs. 2,500.50 Lakhs** during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not of the tender.
- 2.0 "Net Worth" of the bidder should be positive for the preceding financial/ accounting year **(i.e. FY 2017-18)**.
- 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 2017-18** 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-C.

OR

ii) Audited Balance Sheet along with Profit & Loss account. In case of foreign bidders, self-attested/digitally signed printed published accounts are also acceptable

(b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

(C) COMMERCIAL

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

1.0 Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions.

Bidder not complying with above submission procedure will be rejected.

2.0 The prices offered shall have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

3.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies, if any). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.

4.0 Bids containing incorrect statement shall be rejected.

5.0 Validity of the bid shall be **minimum 120 days** from the date of actual Bid Closing Date. Bids with lesser validity will be straightway rejected.

- 6.0 **Bid Security in ORIGINAL** shall be furnished by the Bidder as a part of their Bid. The amount of Bid Security & its validity shall be specified in the covering letter of 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.
- 6.1 For exemption for submission of Bid Security please refer Clause No. 9.8 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).
- 7.0 Bidders must confirm in their technical bid that 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 intimation of failure to the date of commissioning of the replaced/repaired item. All spares and accessories required during the warranty period is to be arranged at site by the supplier, maximum within 03 (three) months, at their cost (including Customs Clearance etc.)
- 8.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten (10%) of total evaluated value of Order, which should remain valid throughout the period execution, including extension, if any. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above
- 9.0 Offers should be submitted along with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.
- 10.0 All the tendered items are to be procured from the same source; hence bidders are requested to quote accordingly for all the items, else their bid will be rejected straightway.
- 11.0 Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below:

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

A.1	Cost of all items of SlimQuad ComboTools covered under Annexure-A1
A.2	Cost of accessories covered under Annexure-A2 & A4
A.3	Cost of Spare Parts & Consumables covered under Annexure-A5
B	Cost of commissioning spares, if any
C	Pre-Despatch/shipment Inspection Charges as per Annexure-A9, Clause no. 1.5 , if any
D	Total Cost of the unit including inspection charges, A.1 + A.2 + A.3 + B + C
E.1	Packing, FCA (Gateway airport) Charges for Explosives, RA Sources and perishable consumable
E.2	Packing & FOB (seaport) charges for Remaining items

F	Total FOB/FCA port/airport value, (D+E.1+E.2) above
G.1	Air Freight charges for Explosives, RA Sources and perishable consumables upto Hyderabad/Bangalore/Mumbai/Chennai, India
G.2	Ocean Freight Charges for Remaining items upto Kolkata, India
H	Insurance Charges @ 0.5 % of Total FOB Value vide (F) above
I	Banking Charges @ 1% of Total FOB Value vide (F) 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
J	CIF Value (F+G.1+G.2+H+I)
K	IGST on (J) @5% against Essentiality Certificate
L	CIF +GST Value (J+K)
M	Training charges at bidder's works as per Annexure-A9, Clause no. 1.1 to 1.4 , if any
N	GST on Training Charges (M)
O	Installation and commissioning Charges for the complete unit as per Annexure-A10, Clause no. 1.0 , if any
P	GST on Installation & Commissioning Charges(O)
Q	Total Value (L+M+N+O+P)
R	Total Value in words :
S	Gross Weight :
T	Dimensions & Gross Volume :
U	Cost of recommended spares as per Annexure-A6 (will not be considered for evaluation)

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

A.1	Cost of all items of SlimQuad ComboTools covered under Annexure-A1
A.2	Cost of accessories covered under Annexure-A2 & A4
A.3	Cost of Spare Parts & Consumables covered under Annexure-A5
B	Cost of commissioning spares, if any
C	Pre-Despatch/shipment Inspection Charges as per Annexure-A9, Clause no. 1.5 , if any
D	Total Cost of the unit including inspection charges, A.1 + A.2 + A.3 + B + C
E	Packing & Forwarding Charges, if any
F	Total Ex works Value (D+E)
G	GST on (F) @5% against Essentiality Certificate
H	Total FOR Despatching Station value(F+G)
I	Inland freight Charges upto Duliajan, Assam including taxes as applicable.
J	Insurance Charges including taxes as applicable.
K	Training charges at bidder's works as per Annexure-A9, Clause no. 1.1 to 1.4 , if any
L	GST on Training Charges (K)
M	Installation and commissioning Charges for the complete unit as per Annexure-A10, Clause no. 1.0 , if any
N	GST on Installation & Commissioning Charges(M)
O	Total FOR Duliajan Value (H+I+J+K+L+M+N)
P	Total Value in words :
Q	Gross Weight :
R	Dimensions & Gross Volume :
S	Import Content, if any
T	Cost of recommended spares as per Annexure-A6 (will not be considered for evaluation)

12.0 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

- 13.0 A bid shall be rejected straightway if it does not conform to any one of the following clauses:
- (a) Validity of bid shorter than the validity indicated in the Tender.
 - (b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.
 - (c) Bid Security with (i) validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

(D) 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:

D.1 TECHNICAL

All materials as indicated in the material description of the tender should be offered. If any of the items are not offered by the bidder, the offer will not be considered for evaluation.

(I) Cost of spares, consumables, accessories, critical items, PCBs etc. as mentioned in clause 1.33 of ANNEXURE-A5 will be considered for Bid evaluation.

(II) Radioactive items etc., are to be Air Freighted up to Kolkata, India and accordingly air freighted charges for these items shall be considered for evaluation.

(III) Bid evaluation will be done only for those bids which offer full quantities of goods& services as mentioned in the ANNEXURE-A1 through ANNEXURE-10.

- 1.1 Bidder's response to all NIT technical specifications should clearly be defined. Bidder shall furnish specific details/specifications of all major components, systems with Make & Model, etc. as sought in the tender. Generalized response like - 'As per NIT Specifications/Technical Leaflet', 'Noted', 'Accepted' or 'in any similar fashion' is not considered for evaluation of technical specification.

D.2 COMMERCIAL

- 1.0 The evaluation of bids shall be done as per the Price Bid Format (SUMMARY) provided in the Tender and detailed below
- 2.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 3.0 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

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

Note: 1) Domestic Bidders must quote inland freight charges upto Duliajan. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

2) For enquiries with duty exemption benefit – The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence, applicable customs duty for import of goods shall be zero. However, IGST @5% shall be applicable. Indigenous bidder shall be eligible for concessional rate of GST @5% against Essentiality Certificate for invoice valuing 10 lakh and above.

4.1 When only foreign bidders are involved:

The Total Value of Foreign bidder as worked out as per para **Annexure-B, Part-C, 11.0 (i),Q** shall be compared

NOTE: *Banking charge in the country of the foreign bidder shall be borne by the bidder. Banking charge 1% for payment through Letter of Credit. And 1.5 % if confirmed LC at buyer's account is required.

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

The Total Value of Domestic bidder as worked out as per para **Annexure-B, Part-C, 11.0 (ii),O** shall be compared

4.3 When both foreign and domestic bidders are involved:

The Total Value of domestic bidder as worked out as per para **Annexure-B, Part-C, 11.0 (ii),O (excluding I &J)** above and Total Value of the foreign bidder worked out as per Para **Annexure-B, Part-C, 11.0 (i),Q** above will be compared.

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

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

&&&&&&&&&&

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**

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

Ref. No _____

Date _____

GM (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 authorized Dealer/Sole Selling Agent/ Distributor/Wholly owned Subsidiary/Co-subsidiary 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)

LOGGING TOOL SPECIFICATION SHEET

	Tender No.		
	Bidder's Name		
	DOWNHOLE TOOLS	TOOL /CONVEYENCE SPECIFICATIONS (If applicable)	BIDDER'S TOOL RESPONSE (If applicable)
1.	1.22 SLIM ARRAY INDUCTION RESISTIVITY TOOL (Minimum 4 RESISTIVITY MEASUREMENTS)	MEASUREMENT TYPE:	
		MEASUREMENT RANGE:	
		TOOL DIAMETER:	
		BOREHOLE DIAMETER RANGE:	
		DEPTH OF INVESTIGATION:	
		ACCURACY:	
		VERTICAL RESOLUTION:	
		TEMPERATURE: 300 deg F Minimum	
		PRESSURE: 14000 psi Minimum	
2.	1.23 SLIM COMPENSATED DENSITY LOGGING TOOL	MEASUREMENT TYPE:	
		MEASUREMENT RANGE:	
		TOOL DIAMETER:	
		BOREHOLE DIAMETER RANGE:	
		DEPTH OF INVESTIGATION:	
		ACCURACY:	
		VERTICAL RESOLUTION:	
		TEMPERATURE: 300 deg F Minimum	
		PRESSURE: 14000 psi Minimum	
3.	1.24 SLIM COMPENSATED DUAL SPACED NEUTRON POROSITY TOOL	MEASUREMENT TYPE:	
		MEASUREMENT RANGE:	
		TOOL DIAMETER:	
		BOREHOLE DIAMETER RANGE:	
		DEPTH OF INVESTIGATION:	
		ACCURACY:	
		VERTICAL RESOLUTION:	
		TEMPERATURE: 300 deg F Minimum	
		PRESSURE: 14000 psi Minimum	
4.	1.25 SLIM COMPENSATED BOREHOLE SONIC ARRAY TOOL	MEASUREMENT TYPE:	
		MEASUREMENT RANGE:	
		TOOL DIAMETER:	
		BOREHOLE DIAMETER RANGE:	
		DEPTH OF INVESTIGATION:	
		ACCURACY:	
		VERTICAL RESOLUTION:	
		TEMPERATURE: 300 deg F Minimum	
		PRESSURE: 14000 psi Minimum	
5.	1.26 SLIM QUAD COMBO TELEMETRY CARTRIDGE TOOL WITH GAMMA SUB	MEASUREMENT TYPE:	
		MEASUREMENT RANGE:	
		TOOL DIAMETER:	
		BOREHOLE DIAMETER RANGE:	
		DEPTH OF INVESTIGATION:	

		ACCURACY:	
		VERTICAL RESOLUTION:	
		TEMPERATURE: 300 deg F Minimum	
		PRESSURE: 14000 psi Minimum	
6.	1.27 SLIM HOLE DOWNHOLE TENSION DEVICE	MEASUREMENT TYPE:	
		MEASUREMENT RANGE:	
		TOOL DIAMETER:	
		BOREHOLE DIAMETER RANGE:	
		DEPTH OF INVESTIGATION:	
		ACCURACY:	
		VERTICAL RESOLUTION:	
		TEMPERATURE: 300 deg F Minimum	
		PRESSURE: 14000 psi Minimum	

TECHNICALCHECKLIST

Tender No.				
Bidder's Name				
OIL NIT Clause No.	OIL NIT Clause Description	Bidder's Response	Any Deviation from NIT Clause (Yes / No)	Reason for Deviation
<u>Annex/cause</u>	SLIM QUAD-COMBO OPEN-HOLE LOGGING TOOLS WITH ACCESSORIES			
1.1	Bidders must quote <i>two identical sets of independent Slim Quad Combo logging tools</i> with complete standalone portable surface system, power supplies, complete calibration system and other accessories required for logging.			
1.2	The slim-hole quad combo tools must consist of Array Induction resistivity, compensated Neutron, compensated Density and Sonic tools rated for 300 deg F and 14,000 psi pressure as per clause.			
1.3	Quad combo tool string must be of an outer diameter of 2.35” or less.			
1.4	Tool string must be capable of “FOUR” different types of deployment/logging for log data acquisition – both in real-time and in memory mode using “wire line” and “drill-pipe” conveyance methods.			
1.5	Tool-string capable to acquire real-time data when run with OIL’s existing 15/32” OD and “Slammer” cables fitted in existing logging units.			

1.6	Bidder must quote ruggedized portable Surface Acquisition system with all related panels for data acquisition with wire-line.			
1.7	Bidder should provide slim battery section and a slim memory unit for logging in highly deviated or horizontal wells.			
1.8	Bidder to provide a “hang-off collar” sub below end of drill-pipe for precisely positioning the tool string when it is extended below drill-pipe to restrict tool string travelling further down once the sensors are protruded into Open Hole.			
1.9	Bidder's must provide wire line delivered “Drop-Off” tool allowing the tool string positioning on top of hang-off sub for commissioning of memory mode tool-string. After positioning the “Drop-off” tool must disconnect from the tool string for retrieving wire line from well.			
1.10	The tool string lowered in memory mode must be retrieved by pumping wire line cable head inside drill-pipe after completion of logging run.			
1.11	Bidder must provide any subs or control device lowered with drill-pipe to allow mud circulation and rotation of drill-pipe and ensure well control in case well kick is observed during logging with the drill-pipe.			
1.12	Bidder's tool must allow for successful acquisition of logs in horizontal wells and rapid retrieval of logging tools and radioactive sources if the pipe becomes stuck.			

1.13	Bidder's tool string must ensure tool checks and confirm that the tool string (operation of sensors, memory and tool arms) is performing properly before unlatching wire line from tool string as per stated clause.			
1.14	Bidder must provide software tool for pre-job assessment before tool string deployment in well as per clause.			
1.15	Bidder's tools must be completely characterized and environmentally corrected.			
1.16	Bidder must offer proper accessories to log holes from vertical through horizontal wells.			
1.17	Bidder must provide necessary software to convert at surface recorded memory logs read with reference to actual well depth.			
1.18	Bidder's tool must run as individual tools or combinable in triple- or quad-combo configurations.			
1.19	Bidder must quote all equipment and accessories, wherever necessary, for smooth operation as per clause. Bidder must quote desired items as per clause.			
1.20	Bidder must quote all items required for full-filling logging objectives, items not quoted shall have be supplied FOC to OIL.			
1.21	Bidder must quote items having required quantities in table-1 as per clause stipulation.			
	NOTE-1 Bidder must provide technical specifications against Slim Quad-Combo tools as per Appendix-1 format			

	and indicate any deviations, if any.			
1.22_1.27	Bidder must quote specified Slim Quad Combo tool string having desired specifications as per clause.			
1.28	Bidder must quote portable surface logging system as per requirement.			
1.29	Bidder's portable system must be supplied to logging acquisition software as per OIL's requirement.			
1.30	Bidder must quote all standard accessories for straightaway commissioning along with detail list and price breakup of each item as specified in clause.			
1.31	Bidder's quote must include required Technical manuals and documentations at no charge to OIL.			
1.32	Bidder must quote for Slim Quad Combo Fishing Equipment for cut-and thread fishing as per clause.			
1.33	Bidder should quote all slim quad-combo tool string spares and consumables as per OIL's requirement.			
1.34	Bidder to provide Recommended Spare List to cater for 50 runs of slim quad combo tool operation and maintenance as per clause.			
1.35	Bidder must submit a written commitment to supply spares and consumables on chargeable basis to OIL for a period of 10 years from the date of closing of the bids.			
1.36	Bidder must note that the Radioactive sources etc. are to be Air-freighted up to			

	Kolkata / Delhi, India.			
1.37	Bidder must note that procurement of spares, accessories, PCBs, consumables etc. mentioned against clauses 1.33.1 to 1.33.2 shall be at the discretion of OIL.			
1.38	Bidders are also required to submit a standard price list of the entire items used in the offered tools. The price list should valid for a minimum period of two years from the date of successful commissioning of the equipment.			
1.39	Bidders are requested to be guided by clause details for filling up Appendix-2 .			

BRC CHECK LIST			
	Tender no.		
	Bidder's name		
Sl. no.	BEC /BRC Clause Description	Bidder's Response (complied/ not-complied)	Relevant Page no. of the Bid to support Bidder's response
	(A) BID REJECTION CRITERIA - TECHNICAL:		
1.0	<u>BIDDER'S ELIGIBILITY:</u>		
1.1	<p>The Bidder should either be the Original Equipment Manufacturer (OEM) of the offered <i>Slim Quad-combo logging tools</i>.</p> <p style="text-align: center;">OR</p> <p>The offered <i>Slim Quad-combo logging tools</i> is manufactured by the Bidder's Parent/Subsidiary/Co-subsidiary of any tier of same group company (any such relationship should be on 100% basis).</p> <p>Note: Bidder must identify their status in the Technical Bid whether they are the OEM of Slim Quad-combo logging tools or Bidding as a Parent/ subsidiary /co-subsidiary of the OEM.</p>		
1.2	<p>The Original Equipment Manufacturer (OEM) of the offered <i>Slim Quad-combo logging tools</i> must satisfy the following criteria, irrespective of whether the Bidder himself is the OEM of the offered <i>Slim Quad-combo logging tools</i> or not:</p> <p>a) Should have minimum 05 (Five) years of experience in manufacturing Slim Quad-combo logging tools as on the original Bid Closing Date of the Tender. A declaration by the OEM in this regard on their Letter Head duly signed & sealed must be submitted in original alongwith the technical Bid.</p> <p>b) Should have manufactured and sold minimum 05 (Five) numbers of <i>Slim Quad-combo logging tools</i> 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 as on the original Bid Closing Date of the Tender.</p> <p>c) The 05 (five) numbers of <i>Slim Quad-combo logging tools</i> as mentioned in sub-para (b) above, must have been sold/supplied directly by the OEM themselves or through their Parent/Subsidiary/Co-subsidiary to the clients/purchasers based in at least 02 (Two) different countries.</p>		
1.3	Alongwith the Technical Bid, the Bidder must submit following documentary evidences in		

	<p>support of the credentials of the OEM of offered Slim Quad-combo logging tools pursuant to clause No. 1.2 (a), (b) & (c) above.</p> <p>(a) Photo Copies of the contracts/purchase orders awarded by Clients together with the corresponding dispatch/delivery documents (viz; Invoices/Bill of Lading/Consignment Note etc.) and Successful Commissioning Report of the supplied units.</p> <p>(b) In addition to above, the Bidder must submit certificates/documents from minimum two (2) of their clients certifying that the Slim Quad-combo logging tools sold to them by the Bidder/OEM is/are functioning to their satisfaction. In lieu of such certificates from Clients, Undertaking from the CEO/Company Secretary of the bidding Company to the effect that his/her Company has executed/completed such Orders/Contracts for Slim Quad-combo logging tools are performing to the best satisfaction of Customers/Clients.</p> <p>Notes:</p> <p>i. The Purchase Orders/contracts date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply must be within 5 (five) years preceding the original bid closing date of this tender.</p> <p>ii. In the event of any extension to the bid closing date of the tender, the original scheduled bid closing date shall be considered for evaluation of BRC clauses.</p> <p>iii. Documentary evidences regarding satisfactory supply/completion/installation report should be submitted alongwith the technical bid on client's letter head, duly signed & sealed by the authorised officials of such client/customer. Original documents, if & when warranted, must be produced for verification by OIL.</p>		
1.4	<p>In case the Bidder is not the OEM of the offered Slim Quad-combo logging tools, but submitted their bid as the Parent/Subsidiary/Co-subsidiary of the same group company of OEM (on 100% basis), they must submit the following documents alongwith their Technical Bid, failing which their bid shall be considered as incomplete and rejected:</p> <p>(a) Documentary evidences regarding existence of such relationship between the</p>		

	<p>Bidder and the OEM of the offered Slim Quad-combo logging tools.</p> <p>(b) Authorisation Letter/Certificate from the manufacturer (OEM) on their official letter head duly authorizing the Bidder to quote and sell their products & services (installation, commissioning, training, upgradation & troubleshooting etc.).</p> <p>(c) Back-up warranty letter from the concerned OEM for guaranteed supply and satisfactory performance of their Slim Quad-combo logging tools in the event of an order by OIL on the Bidder against the Tender.</p> <p>(d) In addition to OEM's experience as per Para 1.2 above, the bidder himself/themselves should have supply experience of minimum five (5) numbers of Slim Quad-Combo logging tools to at least two (2) E&P Companies or Oil Field Service Providers in two different countries during last five (5) years preceding to the original Bid Closing Date of this Tender. Documentary evidences as per Para 1.3 above must be submitted in this regard along with the technical bid.</p>		
2.0	<u>BIDDER'S EXPERIENCE AS A SERVICE PROVIDER:</u>		
2.1	The Bidder or its Parent/Subsidiary/Co-subsubsidiary of any tier of same group company (such relationship should be on 100% basis) must have experience of providing Wireline Logging Services for minimum of 2 (two) years to E&P companies at least in two (2) different countries other than its own country of origin during the last 5 (five) years preceding the original bid closing date of this tender.		
2.2	<p>In support of service experience as per clause No. 2.1 above, Bidder must submit documentary evidences in the form of relevant contracts/agreement copies evidencing the Scope of Work along with any one of the following documents:</p> <p>(a) Satisfactory completion/Performance Reports issued by Clients OR</p> <p>(b) Proof of release of Performance Security after completion of contracts OR</p> <p>(c) Proof of settlement/release of final payment against the contracts OR</p> <p>(d) Documentary evidences in the form of initial and final signed job tickets/service</p>		

	<p>tickets against each such contracts/agreements</p> <p>OR</p> <p>(e) Any other documents which can substantially prove the service experience criteria as per clause No. 2.1 above.</p>		
2.3	As on the bid closing date of this Tender, the bidder must have its base in India with capability to provide immediate support / solutions to the		
3.0	Conditional Bids like “the product is under development and would be supplied by the time etc.,” will be summarily rejected.		
4.0	Wherever two or more sets of the same equipment/item are required, the bidders must quote all the sets of the same item that are identical in all respects i.e. the same category of equipments must be of same make, model and compatible in all respects. Offers not complying to above clause shall be rejected.		
5.0	Portable Surface Logging System: The offered Slim Quad-combo logging tools must be capable of performing the logging operations and services with bidder’s supplied portable surface logging system. The bidder must confirm compliance on this point in its bid.		
6.0	Training & Inspection: Offer for Training & Inspection must be as per ANNEXURE-A9, of the tender. Else, bids will be rejected.		
7.0	Warranty: The bidders must offer warranty for the entire equipment supplied as per Clause No. 3.0 of ANNEXURE-A10 of the tender. Else, bids will be rejected.		
8.0	Commitment for Spare Supply: Bidders must submit a written undertaking that all the spares and consumables will be supplied on chargeable basis for a minimum period of 10 (Ten) years from the date of closing of bids, and in the event a part is not available due to a vendor going out of business or some other reason, the Bidder will determine and supply a suitable replacement part on chargeable basis to OIL. Else, bids will be rejected.		
9.0	Technical Specifications: Bidders must quote as per the tender requirement only and provide FULL INFORMATION wherever applicable in the bid. After opening of the bids, in case any technical clarification is required on any bid data, 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 further evaluation. The bidder must respond to each and every clause in the NIT in a tabular form as per APPENDIX – 2.		
10.0	Installation and Commissioning: Bidders must confirm in their offer that they would carry out installation and commissioning of the Slim Quad-combo logging tools and other supplied systems at Duliajan, Assam (India) as per Clause No. 1.0 of ANNEXURE-A10 of the enquiry. Bids not complying to the installation and commissioning as per NIT shall be treated as non-responsive and rejected.		
11.0	Delivery: Delivery will be the essence of the contract. 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 domestic supplier) shall be considered as the date of delivery.		
12.0	Liquidated Damages: 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.		
D	<u>BID EVALUATION CRITERIA:</u> 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:		
D.1	TECHNICAL		
1.1	All materials as indicated in the material description of the tender should be offered. If any of the items are not offered by the bidder, the offer will not be considered for evaluation.		

	<p>(I) Cost of spares, consumables, accessories, critical items, PCBs etc. as mentioned in clause 1.33 of ANNEXURE-A5 will be considered for Bid evaluation.</p> <p>(II) Radioactive items etc., are to be Air Freight up to Kolkata, India and accordingly air freighted charges for these items shall be considered for evaluation.</p> <p>(III) Bid evaluation will be done only for those bids which offer full quantities of goods& services as mentioned in the ANNEXURE-A1 through ANNEXURE-10.</p>		
1.2	<p>Bidder's response to all NIT technical specifications should clearly be defined. Bidder shall furnish specific details/specifications of all major components, systems with Make & Model, etc. as sought in the tender. Generalized response like - 'As per NIT Specifications/Technical Leaflet', 'Noted', 'Accepted' or 'in any similar fashion' is not considered for evaluation of technical specification.</p>		

Bidder's Past Supply record as per clause requirement :-

SL No.	Client / Customer Name and Address with contact, e-mail id	Order No / Contract No.	Date of order	Logging tool specification (Make, Model) & Quantity supplied	Completion date	Reference of Supporting document enclosed

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
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	Yes / No
6.1	Whether cost of Recommended Spares for 2 years of operations quoted?	YES/NO
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No
8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	Yes / No
9.3	Whether Indian Agent applicable ?	Yes / No

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

Signature _____

Name _____

Designation _____

.....