



FORWARDING LETTER

M/s _____

Sub: Tender No. SDG1088P20/09 for PROCUREMENT OF 17 NUMBERS ONLINE GAS MONITORING SYSTEM

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 “**PROCUREMENT OF 17 NUMBERS ONLINE GAS MONITORING SYSTEM**”. 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	:	SDG1088P20/09 DATED 08.04.2019
Type of Bidding	:	SINGLE STAGE TWO BID SYSTEM
Tender Fee	:	NOT APPLICABLE
Bid Closing Date & Time	:	29.05.2019; 11:00 HRS.
Technical Bid Opening Date & Time	:	29.05.2019; 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 17,50,200.00 OR USD 25,200.00
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
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	:	Commercial Checklist
Annexure-D	:	Format of undertaking by Bidders towards submission of authentic information/documents
Annexure-E & F	:	Matrixes for Technical & 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

AA:: TECHNICAL SPECIFICATIONS & QUANTITY OF ITEMS

Item No	Item Description	Quantity
10	Design, Engineering, Supply, Training, Installation and Commissioning of on line gas monitoring system	17 Nos

SCOPE OF SUPPLY AND TECHNICAL SPECIFICATION OF GAS DETECTION SYSTEM**PREAMBLE:**

Oil India Limited intends to install Gas Detection System for its installation located in and around Duliajan in the state of Assam for Oil Collation Station (OCS), Early Production Set-up (EPS) and Quick Production Setup (QPS) under Central Asset. The proposed gas detection system shall be placed in the operator's room/control room and it shall have provision to interface with the existing SCADA RTU/ PLC via Modbus Protocol.

This Tender has been floated for procurement of Gas detection system with Programmable Electronic System which meets safety standard of SIL-2 and other technical specifications as given in this tender document. Bidder to offer suitable Technical Solutions for OIL's requirement and quote accordingly.

A. SCOPE OF SUPPLY/ SERVICES:

Main objective of the Gas Detection System(GDS) shall be to detect hydrocarbon gas concentrations in Oil Installations and initiate alarm or shutdown system as the case may be, at pre-defined levels to prevent any hazardous events and act as independent safety layers for mitigation of consequences to achieve overall process safety requirements of the plant. Gas Detection system shall be designed to perform its function during normal, abnormal and design basis conditions. Gas detection system shall be based on the following and as per detailed scope of work.

1.0 TYPE OF GAS DETECTORS/SENSORS:

- 1.1 IR based integrated (sensor cum transmitter) point type gas detectors for measurement, signal transmission.
- 1.2 Location of the gas detectors to be installed in the facility:
 - 1.2.1 To cover entire process area.
 - 1.2.2 To cover fired vessel area.
 - 1.2.3 To cover storage area.

2.0 CONTROL SYSTEM & SYSTEM DESCRIPTION:

- 2.1 Control system of the Gas Detection shall be SIL-2 certified; configuration shall be based on programmable system design to meet above compliance.
- 2.2 The control system shall be stand-alone, based on fail safe philosophy having necessary hardware & software with graphics based MMI interface for installation in the operator's room/control room. It shall be able to operate independently and its operation shall not be affected by failure of any other instrumentation system. The proposed system shall be engineered as one integrated control and safeguarding system with respect to operator presentation.

- 2.3 The system shall generate alarm as soon as the LEL level in the field crosses the set level in either one sensor or more sensors. In alarm condition there shall be an Audio-Visual Alarm in the operator's room/control room to alert the operator about the gas leakage. The GDS shall be microprocessor based configurable, expandable.
- 2.4 Control system shall have the feature to measure the field signal below 4mA DC or above 20mA DC for configuration gas detectors various operating statuses (normal, fault condition and gas detected condition etc.) and should have all diagnostic /Maintenance information/Calibration via HART.
- 2.5 Detectors in a particular zone in the field may be arranged group wise as per the IO list in such case system engineering should be made in such a way that inputs are terminated in the different input cards in order to enhancing the system reliability.
- 2.6 Control system shall have capability to display process as well as system alarms on the HMI/ Display for operator's attention and action. Alarms shall appear immediately on the HMI/ Display as and when they occur on priority basis. It shall also be possible to display summary of all alarms in the sequence of their occurrence and shall disappear from display only when they are acknowledged and cleared.
- 2.7 Historization of the alarm/error/system fault/module change etc conditions shall be maintained in the data base of the system for at least 7000 (All together) entries. It should also have minimum following features:
 - 2.7.1 Date and time of occurrence
 - 2.7.2 Point identification (i.e. Tag number) & description
 - 2.7.3 Type of alarm
- 2.8 Bidder shall supply necessary software, in this regard for event sequencing and logging.
- 2.9 All networking components shall be of Industrial grade.
- 2.10 The control system shall have well laid down procedure for on-line maintenance and faulty module replacement.
- 2.11 The control system shall have features for interfacing with OIL's third party system (SCADA RTU / PLC) through 'MODBUS' protocol over TCP/IP.

3.0 ACCESSORIES:

- 3.1 Point type Gas detectors shall have integrated sensor and transmitter unit powered through 24 VDC supply.
- 3.2 Gas detector housing material shall be of SS 316.
- 3.3 The gas detectors shall be minimum SIL-2 certified.
- 3.4 Monitoring of status of Main AC as well as DC power supply units (Both analog and digital) shall be configured in the PLC as a minimum requirement.

4.0 OPERATING ENVIRONMENT FOR THE MONITORING AND CONTROL SYSTEM:

- 4.1 Gas detection Monitoring system will be located in operator's room/control room located in safe area. Normal operating condition will be 5 to 50 deg. C and 90 ±10% RH.

5.0 All electronic/electrical instruments and equipment use in hazardous area should fulfil the following:

- 5.1 Item shall be of a type and specification conforming to the relevant standards as specified in the Regulation 107(2) of Oil Mines Regulation-2017 and complying the provisions therein.
- 5.2 Bidder should supply documents specifying the type, details of specification, reference of the particular standard, test criteria as per the standards and status of testing, place of testing, copies of test reports from Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body which is not a part of manufacture's facilities.
- 5.3 In this regard, Bidder may refer OMR-2017, Notification dated 18th October 2017, published in the Gazette of India, under Ministry of Labour and Employment, Directorate General of Mines Safety, published on 2nd November 2017.

6.0 CABLING PHILOSOPHY:

- 6.1 Signal /multi core cables for gas detectors shall be armoured and stranded copper conductor of minimum 1.5 Sq.mm or higher according to power loading calculations.
- 6.2 Power cables shall be three core armoured cables. It will be of stranded copper conductor of minimum 1.5 Sq.mm or higher according to power loading calculations.
- 6.3 Control cables for flame-proof external hooter shall be four core armoured cables. It will be of stranded copper conductor of minimum 1.5 Sq.mm or higher according to power loading calculations.
- 6.4 There shall not be any cable joints for signal, alarm and control cables.
- 6.5 All the above ground cables shall be laid in galvanized metallic cable trays. Underground cables shall be laid with proper back filling.
- 6.6 Entry of the cables to the operator's room/control room terminating in the control panel should be neat and exposed portion should be routed through cable tray mounted on wall.

7.0 JUNCTION BOX:

- 7.1 Junction boxes shall be weather-proof to IP65. Relevant certificate has to be furnished by the bidder.
- 7.2 The junction boxes shall be provided with sufficient number of terminals to terminate all the pairs of multi-cable (including spare pairs) and shields of individual pairs as applicable.
- 7.3 Junction boxes shall have separate external terminal for accommodating earthing wires up to 10sqmm.
- 7.4 Unused cable gland entries should be properly sealed with suitable SS blind plugs as per safety standards for Hazardous area applications.

8.0 CABLE GLANDS:

- 8.1 All cable glands shall be double compression type, nickel-plated and weather proof and flameproof suitable for installation in an area classification of IEC Zone I Gas Group IIC. The cable glands shall be provided with PVC hood. Cable glands shall be suitable for cable dimensions with +/- 2mm tolerance. The plugs and adaptors shall also be weather proof and flameproof suitable for installation in an area classification of IEC Zone I Gas Group IIC.

9.0 AUDIO-VISUAL ALARM:

- 9.1 Acoustic and visual alarms shall be automatically activated from Gas detection control unit located in operator/control room. For this purpose, one non-flameproof hooter along with flasher will be installed at the control panel inside the operator's room/control room.
- 9.2 On receipt of signal from detectors the tone used for gas alarm horns shall be clearly audible over a range covering the entire facility.

10.0 PORTABLE CALIBRATOR:

- 10.1 One set of portable purge calibrator for Hydrocarbon Detector consisting of a volume bottle containing a known gas / air mixture, a pressure regulator, a flexible hose and adaptor cap (to fit the sensing head) shall be supplied to enable calibration of the sensors in the field without dismantling them. Material of constructions will be of SS316 as a minimum. Bidder shall ensure necessary and sufficient supply of gases for calibration of all sensing heads.

- 11.0 The Bidder shall be responsible for all types of Civil, Mechanical, Electrical, & Instrumentation works for installation, commissioning, testing and calibration of the entire gas detection system covering the facility including all labour and miscellaneous expenses.

12.0 INTERFACING WITH THE EXISTING RTU/ PLC:

- 12.1 In general, Controller shall provide data in a well-established protocol format preferably MODBUS protocol.

13.0 EARTHING SYSTEM:

- 13.1 Installation & commissioning of the necessary earthing system for control panel and other instruments under scope of bidders. The earthing system shall be of readymade maintenance free CPRI approved chemical earthing system with 50 mm dia 3.00 Metres length corrosion free G.I. pipe Electrode complete with backfill compound Minerals 50 Kg and Earth pit cover including excavation of earth pit and construction brick earth chamber including plastering both inner & outer surface of brick wall as specified and directed by Engineer in charge. Size of brick chamber shall be 2 feet x 2 feet. Make: True Power Earth Solution, Multi mess or any make approved by OIL

14.0 INSTALLATION & COMMISSIONING:

- 14.1 Installation and commissioning as well as testing of all the supplied Infrared (IR) On-Line Gas Detection System shall have to be carried out by the successful bidder's competent personnel at 17 (Seventeen) Oil Installation within 60 KM from Duliajan, Assam (India).

- 14.2 During commissioning all required accessories and spares are to be supplied by the supplier.
- 14.3 Successful bidder/ supplier has to erect all the hardware i.e. Sensors, cable laying, fixing of cable trays, cable termination, fixing of control system along with power supply and hooter etc. and also fabrications, and civil jobs, if any.
- 14.4 The successful bidder should design and submit the complete cable schedule for OIL's approval prior to execution of the job.
- 14.5 Cable laying job for underground cables includes cutting trench, burying cables, laying of cables with good quality brick and sand, covering the trench, marking with cable marker.
- 14.6 Cable laying job for over ground/overhead, as required, cables, grouting of supports (to support cable tray) with chips, sand & cement etc. mounting of cable tray with nuts and bolts, laying the cable on the tray, dressing the cable with aluminum strips.
- 14.7 All the Gas detectors along with control system to be calibrated on site and alarm level to be checked before put into operation.
- 14.8 The system to be under observation for minimum 72 hours for satisfactory commissioning performance.
- 14.9 Installation and Commissioning charges must be quoted separately (should not be clubbed together with main equipment) on lump sum basis which shall be considered for evaluation of the offers.
- 14.10 While quoting Installation/Commissioning charges above, bidder should take into account all charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam, and other expenses of supplier's personnel during their stay at Duliajan.

14.11 NOTES FOR INSTALLATION & COMMISSIONING:

- 14.11.1 No hot work (including all types of welding, cutting, grinding, drilling and heating) shall be permitted within the OIL Installations. The successful bidder has to make its own arrangements for handling and transportation of all the material/tools/manpower to and fro the site before and after completion of the work at site, if any.
- 14.11.2 Work will be done normally during day light hours & irrespective of holidays, Sundays etc. However, in case of emergency, work may have to be done beyond normal working hours with prior permission from Installation Managers/user department/CISF.
- 14.11.3 The successful bidder must obtain "Entry Permit" from CISF Commandant/ Head-Security of OIL for all his workers to enable them to work inside the installations.
- 14.11.4 NUISANCE: - The successful bidder or his representative shall not at any time cause any nuisance on the site or do anything which shall cause un-necessary disturbance in the installation. OIL reserves the right to reject any one or all the personnel deployed by the successful bidder on the basis of their performance, conduct and discipline. If any replacement is sought by Engineer-in-Charge, the same shall have to be arranged by the successful bidder within 24 Hours or as per instruction of Engineer-in-Charge. In case of any dispute the decision of Engineer-in-Charge shall be final and binding.

- 14.11.5 CARE OF WORKS: - From the commencement to completion of work, the successful bidder shall take full responsibility for the care of all equipments and pipelines including all temporary works and in case any damage, loss or injury shall happen to the equipment/work/person or to a part thereof due to negligence of the successful bidder, the same shall be rectified/compensated by the successful bidder without any extra claim.
- 14.11.6 SAFETY PRACTICES: -
- 14.11.6.1 The successful bidder shall abide by all safety and security rules and regulations existing in the OIL's Installations. The successful bidder shall observe the safety measures required to be undertaken for safety of persons, labour, public and properties at work site/ plant premises/ residential premises/ public places etc. The successful bidder shall be required to take work permit from respective shift in charges for each day and each shift for all kind of jobs. There can be instances of not getting permits, withdrawing of permits already issued at any stage of work due some operational safety and security reasons. For any stoppage of work for such reasons no claim whatsoever will not be considered.
- 14.11.6.2 Stand by fire fighting equipment will be deployed at the work site by OIL. However, at least two of the successful bidder's personnel deployed for the work must be capable of handling the fire fighting equipment at the time of emergency and the persons will have to be present at the work site throughout the working time. If required the successful bidder's nominated persons will be imparted training on handling such equipment by OIL's Fire Service department.
- 14.11.6.3 Any compensation arising out of the job carried out by the successful bidder whether related to pollution, Safety or Health will be paid by the successful bidder only.
- 14.11.6.4 Any compensation arising due to accident of the successful bidder's personnel while carrying out the job, will be payable by the successful bidder.
- 14.11.6.5 The successful bidder shall have to report all incidents including near miss to Installation Manager/ departmental representative of the concerned department of OIL.
- 14.11.6.6 In case the successful bidder is found non-compliant of HSE laws as required, the company will have the right for directing the successful bidder to take action to comply with the requirements, and for further non-compliance, the successful bidder will be penalized as per prevailing relevant Acts/ Rules/ Regulations.
- 14.11.6.7 When there is a significant risk to health, environment or safety of a person or place arising because of a non-compliance of HSE measures, Company will have the right to direct the successful bidder to cease work until the non-compliance is corrected.
- 14.11.6.8 All safety gears like safety boots, helmets, safety belts, hand gloves, safety goggles, gas masks etc. required for carrying the job in a safe manner shall be arranged by the successful bidder. In case the successful bidder fails to provide the safety gears, the same will be provided by OIL and the cost of such safety items will be deducted from the successful bidder's bills.
- 14.11.7 CLEARANCE OF SITE: - As a part of the job, the successful bidder shall completely remove all the temporary/ disposable materials if needed while execution of work or after completion of work at his own cost and dispose off the same as directed by Engineer-in-Charge.

14.11.8 The successful bidder shall maintain first aid facilities for its employees. All critical industrial injuries shall be reported promptly to EMPLOYER, and a copy of the successful bidder's report covering each personal injury requiring the attention of a physician shall be furnished to the EMPLOYER.

14.11.9 The successful bidder shall observe and abide by all fire and safety regulations of the EMPLOYER. Before starting construction work, the successful bidder shall consult with Employer's safety Engineers and must make good to the satisfaction of the EMPLOYER any loss or damage due to fire to any portion of the work done or to be done under this job or to any of the Employer's existing property.

15.0 SITE ACCEPTANCE TEST (SAT):

15.1 OIL shall provisionally takeover the system i.e. after satisfactory completion of functional performance test. System acceptance test shall commence only after the satisfactory performance of loop checking of all the gas detectors in the field and verification of records by OIL engineer at site or other competent personnel.

15.2 Following functional tests shall be part of system acceptance test as a minimum:

15.2.1 Hardware verification as per final bill of material.

15.2.2 Visual and mechanical check-up for proper workmanship, identification, ferruling, nameplates etc.

15.2.3 System configuration as per approved diagram. Complete set of manual with all operational procedures, ferruling documentation, hooter details and other wirings should be handed over to OIL after commissioning.

15.2.4 Demonstration of all system diagnostics.

15.2.5 Checking of proper functioning of all drives, alarm summary etc.

15.2.6 Complete drawing of the gas detectors installed in the facility to be displayed in the operator's room/control room with proper tagging/ marking as applicable.

15.3 During above period, any malfunctioning of the system components shall be replaced/repared as required free of cost (under bidder's scope). Once the system failure is detected, the acceptance test shall start all over again from the beginning.

16.0 TRAINING:

16.1 Bidder shall impart training to site personnel for routine operation & preventive maintenance of the gas detection system. The training shall be imparted at each installations for minimum 1(one) day immediately after commissioning.

16.2 Training on the operation of the entire systems as per functional requirement including start up and shut down of the system.

16.2.1 Maintenance training on the hardware & software being supplied.

16.2.2 The different hardware components to be supplied by the bidder.

16.2.3 Calibration and maintenance aspect of the field sensors.

16.3 Any cost towards above training/demonstration shall be inclusive in the installation/commissioning charges.

17.0 SPECIAL NOTES :

- 17.1 The bidder must submit detailed technical specifications along with all relevant technical catalogues, statutory certificates etc for on line gas detection system of their offered model no for technical evaluation.
- 17.2 Bidder shall submit necessary documents along with the offer for all electronic/electrical instruments and equipment used in zone "1" or zone "2" hazardous area as per the Regulation 107(2) of OMR 2017 as mentioned in point 5 above.
- 17.3 Layout diagram of the installation will be provided to the successful bidder/supplier nearer the time.
- 17.4 Successful bidder has to take approvals of the following from OIL:
 - i. Control System cabinet Wiring Details
 - ii. Sensors locations & installation plan
 - iii. Loop diagram & loop details
 - iv. Cable schedule
 - v. Project Implementation Schedule
- 17.5 Two sets of Operation & Maintenance manual (for each installation) for Infrared (IR) On-Line Gas Detection System to be provided during commissioning of the system. The maintenance manual shall be included Control System cabinet Wiring Details, Loop diagram & loop details, Cable schedules etc.
- 17.6 Test and calibration certificates for each detector/ sensor have to be provided along with the supply.
- 17.7 The materials shall be packed in robust cartoons so as to avoid damage in transit
- 17.8 OIL reserves the right to inspect, test and if necessary reject any part/parts after delivery at site (including incomplete manuals, catalogues, etc.) in case of any fault on the part of the supplier he has to replaced/repair at his own cost.
- 17.9 Deviations from NIT specifications, if any, should be highlighted in the quotation.
- 17.10 The bidders must submit a written undertaking (along with the bid) that they would be able to supply all the requisite spares and consumables (including bought out items) for a minimum period of 10 (ten) years from the Certified date of completion / successful field commissioning of the unit.
- 17.11 Supply of all necessary accessories & fittings like-pipe, cable tray, Junction Box, Cable gland cable tie, nut bolt, screw, clamp, etc. required to complete the installation and commission the GDS is under the scope of bidder and bidders has to quote on lump sum in 1(one) lot.

18.0 WARRANTY:

- 18.1 The Online Gas Detection system shall be Guaranteed/ warranted which must be valid for 12 (Twelve) months from the date of successful commissioning.
- 18.2 Point Type Infrared Gas Detector shall be Guaranteed/ warranted for 5 (Five) years from the date of successful commissioning.

- 18.3 To keep the system fully operational, in case of failure of any item during the warranty period, it shall be the bidder's responsibility to arrange replacement/repairing at site at their cost including customs, freight, etc. within a period of maximum 3(three) weeks from the date of notification of such failure. However, if party not attend the fault, repair/replace the faulty system within stipulated period, warranty of the entire system of that particular installation will be restart from the date of make the system operational.
- 18.4 During warranty, Party needs to calibrate the detector(s) at their own arrangement, if required.

19.0 DELIVERY:

- 19.1 Time frame for project completion is to be scheduled in two parts. The first part is for supply of items and second part is for Installation and Commissioning.
- 19.2 Time is of the essence and materials must be supplied within Six (06) months in the event of an order. Therefore, Bids submitted by Bidders quoting delivery schedule more than Six (06) months shall not be accepted. Overseas Bidders must quote shipment (FOB) within Six (06) months from the date of opening of Letter of Credit by OIL and indigenous Bidders must quote delivery within seven Six (06) from the date of placement of order by OIL. Date of unambiguous Bill of Lading (B/L) for foreign supplier and date of LR/C Note shall be considered as the date of delivery. Bidders must categorically confirm the above in their Technical Bid, failing which the offer shall be summarily rejected.
- 19.3 The second part Installation and Commissioning has to be completed within Six months (6) from issue of site clearance from M/s OIL. After receipt of all the materials by OIL at Duliajan, a written advice will be issued to bidders advising to commence installation and commissioning of the items. Bidder will have to arrange to depute certified engineers for carrying out the installation/commissioning job within a period of maximum two weeks (14 days) from receipt of intimation from OIL in this regard.
- 19.4 The Bidder needs to provide a tentative project schedule along with bid. Successful bidder required to submit their project execution plan (Details of each tasks pertaining to parts procurement, assembly, testing and function test at works, delivery and shipment schedule) immediately after awarding of PO. This should also include submission of drawings/design calculations for M/s OIL's approval and deputation of engineer / technicians for installation, commissioning, testing and final acceptance test at site including training.

20.0 OTHER NOTES:

- 20.1 It is to be clearly understood that the successful bidder shall be responsible to complete the entire work in all respect and any other work necessary to achieve the object and completion though not specifically covered under the scope of work, shall be carried out by the successful bidder.
- 20.2 The successful bidder shall arrange all the materials labour, tools and tackles etc. required for successful execution of work. OIL shall provide no materials/tools/equipment.

- 20.3 The successful bidder shall arrange for accommodation/transportation of himself and his supervisor/labourers at his risk and cost. OIL shall not provide any accommodation / transportation whatsoever to the party or his staff.
- 20.4 The successful bidder shall employ such workers who are above 18 years of age. All personnel employed by the successful bidder shall have sound health, good character and conduct. They shall be medically fit and fully competent to perform the work.
- 20.5 OIL shall provide water and electricity required for work. However necessary arrangement to take electricity and water is under the scope of the successful bidder's.
- 20.6 Any work not conforming to execution drawings, specifications or codes shall be rejected forthwith and the successful bidder shall carryout the necessary rectification at his own cost.
- 20.7 For any matter, where controversy may occur, the decision of Asset Manager (Central) or his representative will be final and binding.
- 20.8 The successful bidder shall provide PPE (personal protective equipments, like safety helmets, safety gloves, safety shoes, safety goggles etc.) for each person working for the execution of the work, at its own cost. No person will be allowed to work without PPEs.

21.0 TECHNICAL SPECIFICATIONS:

21.1 Point Type Infrared Gas Detector:

- i. Sensor type: Infrared (IR) type sensor
- ii. Principle of operation: Two IR lamp Producing Two Separate IR Beam. Temperature compensation shall be in-built.
- iii. Function: Shall be able to detect hydrocarbon gases in the range of 0-100% LEL
- iv. Calibration: Factory calibration at Methane or Propane
- v. Range: 0 to 100% LEL
- vi. Construction: Flameproof, 316SS body with dust/weather protection for outdoor installation.
- vii. Optical performance: Correct operation up to 75% obscuration, the same shall be configurable with facility for dirty optics warning. Heated optics to avoid condensation. There must be provision of Cleaning and Maintaining sensor window by a cleaning cloth/material.
- viii. Input Power: 24V DC nominal (18-30V DC)
- ix. Output: 4-20 mA DC with HART
- x. Overall Accuracy: +/- 3% of LEL or better
- xi. Repeatability: +/- 2% FSD
- xii. Zero drift: Typically, 2 % FSD per year
- xiii. Response time: 90% of gas reading in less than 8 seconds (with filter/protection guards)
- xiv. Self-Check: Continuous self-check for immediate detection of internal failures
- xv. Operating temperature: 5 Deg C To 50 Deg C
- xvi. Humidity: 0 to 95% RH
- xvii. Cable entry: NPT (F)
- xviii. Area classification: Class-I, Div-I, Gr. C & D (Zone-1, Gr. IIA/B)
- xix. Enclosure classification: Explosion Proof (EExD) conforming to hazardous area classification to Class-I, Div-I, Gr. - C & D (Zone-1, Gr. IIA/IIB) and IP66
- xx. Temperature Class will be T4.
- xxi. Hazardous Area Approval: Required.

- xxii. Safety Integrity Level: SIL-2 (TUV / EXIDA / Accredited international agency) certified
- xxiii. Accessories required: Mounting kits, Canopy, Tag Plates, Rain & Dust protection cover, Splash guard, Ex Proof & Weather proof double compression cable glands etc. as required.
- xxiv. Configuration: Non-Intrusive Configuration Required
- xxv. Warranty: 5 years

21.2 Hooter:

- i. Type: Industrial grade Electric Hooter.
- ii. Area Classification: Safe area at outside of operator's room/control room.
- iii. Protection Degree: IP 54 or better
- iv. Supply Voltage: 230 V AC /24VDC
- v. Power Consumption: 10 W
- vi. Sound Power: Minimum 100 dBA at 1 metre (Multi tone Selectable)
- vii. Body Material: Aluminium
- viii. Electrical Connection: ½ inch NPTF
- ix. Mounting: As per requirement mounting accessories to be provided.
- x. Others: Unit to be supplied with field mounted reset push button
- xi. Audibility: Loud enough to cover the entire range of the facility in all direction.

21.3 Flasher:

- i. Area Classification: Safe area
- ii. Protection Degree: IP 54 or better
- iii. Supply Voltage: 230 V AC /24 VDC
- iv. Power Consumption: 2 W
- v. Body Material: Aluminium
- vi. Electrical Connection: ½ inch NPTF
- vii. Mounting: As per requirement mounting accessories to be provided.
- viii. Others: Unit to be supplied with field mounted reset push button for outdoor application

21.4 Cable, Cable tray and Cable Gland:

A. 3 core Armoured Power/Signal Cable:

- i. CONDUCTOR:
 - Material: Tinned copper
 - Cross-sectional area of each core: 1.5 mm²
 - No.of strands in each core: 7 (seven)
 - Diameter of each strand: 0.5 mm
 - Core colour: Black
 - Core identification: White numbering on each core with 50 mm gap between two numbers
- ii. INSULATION:
 - Material: Flame retardant PVC
 - Thickness: 0.64 mm (Nominal)
 - Continuous temperature rating: 85 Degree C
 - Voltage grade: 1100 V
 - Insulation resistance (Min):100 Mega Ohms/Km at 20 DegreeC
- iii. ARMOURING:
 - Material: Galvanized steel
 - Magnetic/Non Magnetic: Magnetic
 - Round wire/ Flat strip: Round wire

- iv. SHIELDING:
Material: Mylar backed Aluminium foil
Thickness: 0.0635 mm (63 Micron)
Drain wire (for shield Continuity): Required
Material of Drain wire: Tinned copper
Shielding of individual cores: Not required
Overall shielding: Aluminium Mylar screen
 - v. OUTER SHEATH:
Material: Flame retardant PVC
Thickness (Min.): 2.03 mm
Colour: Black
 - vi. SIZE:
Outer diameter: Not more than 18 mm
- B. 24/12 core Armoured Signal cable:
- i. CONDUCTOR:
Material : Tinned copper
Cross-sectional area of each core : 1.5 mm²
No.of strands in each core : 7 (seven)
Diameter of each strand : 0.5 mm
Core colour : Black
Core identification : White numbering on each core with 50 mm gap between two numbers
 - ii. INSULATION:
Material : Flame retardant PVC
Thickness : 0.64 mm (Nominal)
Continuous temperature rating : 85 Degree C
Voltage grade : 1100 V
Insulation resistance (Min) :100 Mega Ohms/Km at 20 DegreeC
 - iii. ARMOURING:
Material : Galvanized steel
Magnetic/Non Magnetic : Magnetic
Round wire/ Flat strip : Round wire
 - iv. SHIELDING:
Material : Mylar backed Aluminium foil
Thickness : 0.0635 mm (63 Micron)
Drain wire (for shield Continuity): Required
Material of Drain wire : Tinned copper
Shielding of individual cores : Not required
Overall shielding : Aluminium Mylar screen
 - v. OUTER SHEATH:
Material : Flame retardant PVC
Thickness (Min.) : 2.03 mm
Colour : Black

- vi. SIZE:
Outer diameter : Not more than 28 mm

NOTE: For cables: Length of the cables indicated in the NIT is approximate only. If the actual requirement of cables increases more than 10% of NIT quantity then extra payment will be made on the basis of actual length of cables supplied. Accordingly parties are required to quote per meter length of cable in their offer. No payment will be made for installation of additional cables and if the actual requirement of cable length is within the range of 10% of NIT quantity.

- C. Cable tray:
 - i. Type: Perforated, hot dip galvanised
 - ii. Size: As required, 16 SWG
 - iii. Shape of perforation/ hole: oval shape
 - iv. Gap between two consecutive/ adjacent holes: 8mm (length wise), 20mm (breadth wise)
 - v. Accessories: Coupling plates, nuts, bolts and washers
- D. Cable Gland:
 - i. Specifications: Flame proof, Brass Ni plated, double compression type with lock nut & PVC shrouds of same size
 - ii. Size: As required
 - iii. Type: NPT

21.5 Junction Box:

- iv. Material of JB: Cast Aluminum Alloy (LM6)
- v. Mounting: Outdoor, Hazardous area
- vi. Enclosure: Industrial, Explosion proof and Weather Proof to IP 66 or better
- vii. Ambient Temperature: 0 to 60 Degree C
- viii. Colour: Light grey, Epoxy coated
- ix. Terminals: Spring loaded. Vibration proof. Clip on type
- x. Construction: Junction box shall have doors which shall be of hinged type and these shall be fixed with SS or cadmium plated countersunk screws
- xi. Terminals size: Minimum 2.5 sq.mm
- xii. Terminal Numbering: Required, suitable for 2.5 sq.mm conductor; Terminal details to be displayed inside the junction box.
- xiii. Cable Entry: Bottom & side, Main cable :1 1/2" NPT(F) or as per requirement & branch cable entry: 12 nos 3/4 " NPT(F) or as per requirement
- xiv. Mounting Accessories: Required
- xv. Tag Plate: Required
- xvi. Plugging of entry ports: Blind plugs shall be provided to block all idle entries. The entry points shall be plugged by PVC caps during transportation.

21.6 Control System:

The Control system should consist of the following (to be installed in operators' Room /control room which is located in non-hazardous area):

- A. Controller:
 - i. Type: Programmable Electronics System suitable for gas detection
 - ii. Memory: Log File Memory for diagnostics purposes with back-up battery
 - iii. SIL 2 Approval (TUV / EXIDA / Accredited international agency) required.
 - iv. Input Power supply: 230 V AC/ 24VDC
 - v. Inputs:
 - Analog inputs: As per site requirement
 - Digital Inputs: As per site requirement

- vi. Outputs:
Digital Outputs: As per site requirement
- vii. Controller should have provision of expandable I/O
- viii. I/O port: Modbus over TCP/IP and RS 485
- ix. Diagnostics: Continuous on line
- x. HMI/ DISPLAY: Minimum 10 inch (Touch Screen) to be mounting in the panel.
- xi. EMI/ RFI: No Interference
- xii. Earthing: Required for the entire control panel as per standard.
- xiii. Terminal Details: All wiring details inside the panel should be ferruled, numbered and details documentation should be submitted to OIL.
- xiv. Also, hardware details such as processor architecture, programming and all electronic modules should be submitted to OIL in a hard bound document.
- xv. Operating Temperature: 5 Deg C to 50 Deg C

B. Control Panel:

- i. Mounting Control Cabinet with reset button to be House in 19" inch rack with controller and I/O cards based on manufacturer standard.
- ii. Type of sheet: CRCA Sheet
- iii. Type: Fully Powder Coated (RAL 7035 (Colour))
- iv. Input Power supply: 230 V AC Supply through MCB/ ELCB of proper rating.
- v. Power ON, OFF and Reset button to House in the panel.
- vi. Power Supply Unit : 1 No(24VDC)
Power Supply Unit should be capable of providing power supply to all channel cards, sensors and alarm hooter.
- vii. Channel Cards: As per site requirement and must have provision for future expansion.
- viii. Alarm: Alarm output for non-flame proof Hooter with Flasher (for visual indication of alarm) to be provided in the Control panel as common alarm for all the gas detectors mounted at field.
- ix. Input Signal : 4-20 mA loop current @ 24 V DC
- x. Display : 10 inch touch screen display as indicated in A above.
- xi. Relay Contact Rating: Solid state relay contact rating; 5 A @ 24 V DC
- xii. Alarm Reset: External Alarm Reset Push Button to be available when alarm relays are programmed for latching. Alarm Relays will be reset but alarm status LEDs should track actual condition
- xiii. Terminal Block: Modular Terminal Block that allows disassembly without removal of individual wires.

21.7 UPS:

- i. On-line UPS (Uninterrupted Power Supply) with 60 minutes backup and suitable for generator power : 230 V AC $\pm 10\%$, 50Hz ± 5 Hz.
- ii. Battery: Maintenance free.

22.0 ANNUAL MAINTENANCE CONTRACT (AMC):

- 21.1 The successful bidder has to carry out comprehensive Annual Maintenance for three (3) years for all On-Line Gas Detection System supplied, installed & commissioned against this tender. Accordingly party to quote year wise separately.
- 21.2 Annual Maintenance will start after successful completion of warranty period.
- 21.3 Annual Maintenance will include supply of all the spares required to maintain the system including controller, cards, power supply, etc. and manpower required for maintenance.

21.4 Two nos. of Preventive maintenance (PM) should be carried out in a year (half yearly) by the supplier. During PM, supplier shall carry out calibration of all the sensors and submits the calibration certificate along with PM report to OIL. For carrying out calibration job, successful bidder must have calibration kit with minimum following items available at site –

- i. Pressure Regulator
- ii. Calibration Adapter
- iii. Hose, Flow meter
- iv. Carrying case
- v. Methane Cylinder
- vi. Zero Gas Cylinder
- vii. One hand held portable intrinsically safe calibrator/ equivalent calibration device as mentioned below for onsite calibration of sensors. This calibrator should be certified by an accreditation body of National/International repute.

(Sensor Calibration: Should have onsite facility for Adjustment of Zero & Span using Non-Intrusive one man calibration by correcting the instrument on spot without disconnecting it from its power supply by using any portable hand held intrinsically safe calibrator/configurator like HART375 etc./equivalent calibrating device or accessory supporting specific protocol/technology without violating hazardous area certification. The bidder will have to describe as a write-up the detail calibration procedure with sketch for a particular detector using their quoted calibration device along with the bid documents for our scrutiny & approval.)

21.5 Successful bidder shall carry out breakdown maintenance as and when required basis as intimated by OIL.

21.6 In case Successful bidder could not rectify breakdown fault within 72 hours of reporting, 1% of AMC charge shall be deducted per day basis.

21.7 Successful bidder shall bear the expenses for transportation, boarding, lodging, medical etc. for their personnel.

21.8 Successful bidder to provide necessary PPE for their personnel.

21.9 Successful bidder shall provide necessary tool, test equipment etc. for carrying out both preventive and breakdown maintenance of the system.

21.10 Master Instrument used for calibration should have certification from an accreditation body of National/International repute.

21.11 For Annual Maintenance support, OIL will liaise only with a single point of contact of the bidder. The bidder has to mention the contact address, phone number of the contact person who will be responsible for Annual Maintenance support.

21.12 Maintenance charges shall be payable half yearly after successful completion of the Maintenance services for that period and against receipt of bill from the supplier. Any penalty amount levied on the bidder will be adjusted from that period of Maintenance charge.

21.13 Charges for Comprehensive Annual Maintenance after the initial warranty period up to 3 (three) years with year wise break up, must be quoted separately which shall be considered for evaluation of offers.

- 21.14 While quoting Comprehensive Annual Maintenance charges, bidder should also take into account all charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam and other expenses of supplier's personnel during their stay at Duliajan. OIL may provide accommodation on Chargeable basis subject to availability. Bidder should confirm about providing all these services in their Bid.
- 21.15 Upon finalization of AMC Contract, successful bidder have to submit a security deposit in the form of Bank Guarantee of amount 10% of annualised AMC Contract value with validity for entire execution of the contract.
- 21.16 OIL reserves the right to avail AMC at its own discretion.


23.0 BILL OF MATERIALS (BOM):

Tentative BOM based on the above specifications and scope of work should be submitted by the bidder alongwith their technical bid. However any additional requirement, if found necessary to make the system functional and fulfil its purpose, bidder needs to supply the same without any extra cost to OIL.

24.0 BID EVALUATION MATRIX, BEC/BRC CHECK LIST and TECHNICAL CHECK LIST : Duly filled ANNEXURE –C, E & F should be submitted by the bidder along with their technical bid.

BB:: GENERAL NOTES TO BIDDERS:

Sl No	Clause description
1.0	<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> <p>c) MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.</p> <p>d) For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.</p>
2.0	<p>Submission of Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/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, DistDibrugarh, 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 due date to The DGM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.</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 tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time, failing which the offer shall be rejected.
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: 20px;"> <div style="border: 1px solid black; padding: 5px; width: 25%;">Notes and Attachments</div> <div style="background-color: yellow; padding: 5px; width: 70%;">→ 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: 25%;">Technical attachments</div> <div style="background-color: yellow; padding: 5px; width: 70%;">→ 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 from 12.04.2017)” available in the login Page of the OIL’s E-tender Portal.</p> <div style="margin-top: 20px;">  <div style="position: absolute; top: 20px; right: 20px; background-color: orange; border-radius: 15px; padding: 10px; width: 150px; text-align: center;"> Click here for the New Manual & Instruction </div> </div>

8.0	In 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. No price should be given in above Technical Rfx otherwise the offer will be rejected. 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. 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”.
8.1	For convenience of the qualified Bidders and to improve transparency, the rates/cost quoted by bidders against OIL’s e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price-Bid is invited by Company through attachment from under “Notes & Attachment” (i.e. NO PRICE CONDITION), Bidders must upload their detailed Price-Bid as per the prescribed format under “NOTES & ATTACHMENT”, in addition to filling up the “TOTAL BID VALUE” tab taking into account the cost of all individual line items and other applicable charges like freight, tax, duties, levies etc. Under NO PRICE condition (i.e. Price Bid in attachment form), the “Total Bid Value” as calculated & quoted by the Bidder shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/omissions therein, if any. Notwithstanding to sharing the “Total Bid Value” or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the uploaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only upto seven days from the date of Price-Bid opening of the e-tender.
9.0	PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALY 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	Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.
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 18 months from date of shipment or 12 months from date of commissioning and handing over to OIL, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. 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. 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	<p>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.</p>
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, DistDibrugarh, 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	<p>Bidder to sign and submit completely filled up Technical & Commercial check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification failing which their offer will be rejected.</p>
24.0	<p>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.</p>

25.0	<p>Liquidated Damage: 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.</p>
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>
27.0	<p>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-A2</p>
28.1	<p>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.</p>
28.2	<p>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.</p>
28.3	<p>Clause deleted.</p>
29.0	<p>Along with the technical bid, bidders must submit duly filled undertaking as per format provided vide Appendix-A1 as undertaking towards submission of authentic information/documents.</p>

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-Profitteering 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.

***** **END OF ANNEXURE - A** *****

**Format of undertaking by Bidders towards submission of authentic information/documents
(To be typed on the letter head of the bidder)**

Ref. No _____

Date _____

Sub: Undertaking of authenticity of information/documents submitted

Ref: Your tender No. _____ **Dated** _____

To,
The HOD-Materials
Materials Deptt,
OIL, Duliajan

Sir,

With reference to our quotation against your above-referred tender, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.

Yours faithfully,
For (type name of the firm here)

Signature of Authorised Signatory Name :

Designation :

Phone No.

Place :

Date :

(Affix Seal of the Organization here, if applicable)

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

The bids shall conform to the specifications and terms & conditions given in the Tender. Bids shall be rejected in case the items offered do not conform to the required parameters stipulated in the technical specifications and to the relevant international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms & conditions, the following requirements must be particularly met by the bidders, without which the offer shall be considered as non-responsive and rejected:

BID REJECTION CRITERIA (BRC):

(A.1) BRC-TECHNICAL:

1.0 BIDDERS' QUALIFYING CRITERIA

1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of the tendered item(s)

OR

The bidder shall be authorized agent / dealer / distributor / consortium/ supply house of an OEM of the tendered item(s).

Note:

a) Bidder(s) other than OEM must submit a valid Authorization letter and back-up warranty from the manufacturer as per format enclosed herein vide **APPENDIX-B1**. The Authorization and back-up warranty letter duly sealed & signed by the Manufacturer on their official letterhead must be submitted along with the technical bid.

b) The Sole Selling Agent/Dealer/Distributor/Supply House shall categorically confirm in their technical bid that there will be no change of the proposed OEM after submission of the bid.

2.0 BIDDERS' EXPERIENCE:

2.1 **IN CASE THE BIDDER IS A MANUFACTURER**, the bidder must have experience of successfully executing atleast One (1) order for supply, installation & commissioning of On-line gas monitoring system of value not less than Rs. 5,00,05,500.00 or US\$ 7,19,815.00 to any E&P Company(ies)/ Drilling Contractor(s)/ Drilling Service Provider(s) during last five(5) years preceding to the original Bid Closing Date of the Tender. Documentary evidences in this regard must be submitted alongwith the Technical Bid as per Para 2.3.

2.2 In case the Bidder is a **Sole Selling Agent/Dealer/Distributor/Supply House of the Original Equipment Manufacturer (OEM)**, the following criteria shall be met by the Bidder and the OEM:

- i) The Bidder as a Sole Selling Agent/Dealer/Distributor/Supply House must have experience of successfully executing at least One (1) order for supply, installation & commissioning of tendered item (manufactured by either the proposed OEM or any other OEM) of value not less than Rs. 5,00,05,500.00 or US\$ 7,19,815.00 to any E&P Company(ies)/ Drilling Contractor(s)/Drilling Service Provider(s) during last five(5) years preceding to the original Bid Closing Date of the Tender. Documentary evidences in this regard must be submitted alongwith the Technical Bid as per Para 2.3.
- ii) Their **Original Equipment Manufacturer (OEM)** must meet the experience criteria set out in para 2.1 above and documentary evidences in this regard must be submitted alongwith the Technical Bid as per para 2.3.

2.3 NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA

2.3.1 The following documentary evidences to substantiate above experience records (2.1 and 2.2, as applicable) of the Bidder must be submitted alongwith the technical bid, failing which the Bid shall be treated as incomplete and rejected:

- (a) Copy of Purchase order(s)/contract(s) awarded by Client(s)
- (b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -

True copies of Original Signed and sealed Completion report/performance certificate from the clients (on Client's/User's official letter head with signature & stamp) duly notarized by Government Notary.

OR

Copy of Bill of Lading

OR

Copy of Consignee delivery receipts/challans

OR

Copy of Tax Invoice/Excise Gate Pass issued under relevant Act/rules

OR

Copy of Commercial Invoice/Payment Certificate

2.3.2 The date of purchase order(s)/contract(s) need not be within five (5) years preceding the original bid closing date of the Tender, but execution/ supply of required quantity must be within five (5) years preceding the original bid closing date of this tender.

2.3.3 In case of extension to the scheduled Bid Closing date of this tender, if any, the Original scheduled Bid closing Date shall be considered for evaluation of Bids.

2.3.4 Against all supporting documents submitted by the bidder alongwith the technical bid, originals must be kept ready and to be produced for verification of OIL, if called for.

3.0 DELIVERY PERIOD:

Time is of the essence and materials must be supplied within Six (6) months in the event of an order. Therefore, Bids submitted by Bidders quoting delivery schedule more than Six (6) months shall not be accepted. Overseas Bidders must quote shipment (FOB) within Six (6) months from the date of opening of Letter of Credit by OIL and indigenous Bidders must quote delivery within Six (6) months from the date of placement of order by OIL.

(A.2) BRC - FINANCIAL:

- 1.0 The bidder shall have an annual financial turnover of minimum Rs. 5,00,05,500.00 or US\$ 7,19,815.00 during any of the preceding 3 (Three) financial/accounting years reckoned from the original bid closing date of the tender.
- 2.0 "Net Worth" of the bidder must be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender **(i.e., Year 2018-19)**.
- 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 2018-19 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 technical bid:-
 - i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual Turnover & Net worth as per format prescribed in ANNEXURE-D.
OR
 - ii) Audited Balance Sheet alongwith 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 on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

(A.3) BRC – 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 online under **Single Stage Two Bid System**. Bidders must prepare the Techno-Commercial Bid (Unpriced) as well as the Priced Bid separately and upload both these bids in OIL's e-procurement portal at the designated fields separately assigned. **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/costs. The rate and amount columns in the unpriced technical bid must 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/rates offered against the tender must remain firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price condition shall be treated as non-responsive and rejected. No discount whatsoever should be quoted separately. Rates/prices quoted must be net of all discount.
- 3.0 Bids received in physical form against online invitation shall be rejected (except the documents specifically called for in hard copies, if any). Also, modifications to bids received after the bid closing date & time shall not be entertained.
- 4.0 Bids containing incorrect/false/misleading statement(s) 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 shall be straightway rejected.
- 6.0 Bid Security (EMD) as applicable must either be deposited through online payment gateway or submitted to OIL in the form of original Bank Guaranty (hard copy) on or before the scheduled Bid Closing date of the Tender. The Validity and Amount of Bid Security (EMD) must be strictly as specified in the covering letter of this bid document. Bid shall be rejected without further reference, if the Bid Security (EMD) is not received strictly as above, except where exempted. OIL will not assume any responsibility whatsoever for submission of deficient/faulty Bid Security or for delay/non-delivery of the same.
- 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 that goods/materials to be supplied against the order arising out of this tender shall be of recent make, unused, of the best quality & workmanship and free from defects. The Bidder must undertake to stand guaranteed the supplies for a period of 18 months from the date of shipment/dispatch or twelve (12) months from the date of receipt of items at destination, whichever is earlier against any defects arising from faulty materials, workmanship or design. Defective goods/materials rejected by OIL, whether the entire lot or part thereof, shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.

- 8.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten percent (10%) of total evaluated value of Order within 30 days of receipt of LOI/notification of award. The Performance Bank Guaranty must remain valid throughout the period of execution, including extension if any. Non-submission of Performance Security as above by the successful Bidder shall lead to cancellation/termination of award including forfeiture of their Bid Security, besides other penal actions as per OIL's Banning Policy. Bidders should undertake in their bids to submit Performance Security as stated above
- 9.0 Online Bid must be uploaded together with the Integrity Pact and the same must be duly signed digitally. 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 Bidder must quote for all items and services being sought for in the tender, failing which the bid shall be treated as incomplete and rejected
- 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:

Name of Bidder:		Currency:
Sl. No	Particulars	Price quoted
A	Total Material Cost of 17 Nos. Online Gas Monitoring Systems as per tender specification including commissioning spares Price break up mentioning quantity and unit price of each item quoted should be provided separately.	
B	Packing & FOB Charges	
C	Total FOB Port of Shipment Value, A+B	
D	Ocean Freight Charges upto Kolkata, India	
E	Insurance Charges @1% of C	
F	Banking Charges @0.5% of C in case of payment through LC (if confirmed LC at buyer's account is required, 1.5% of C will be loaded)	
G	Total CIF Kolkata Value, C+D+E+F	
H	IGST @5% of G	
I	Total CIF+GST Kolkata Value, G+H	
J	Installation, Commissioning & Training charges for 17 Nos. Online Gas Monitoring Systems, if any, inclusive of taxes	
K	Charges towards Comprehensive AMC – 1st Year inclusive of taxes	
L	Charges towards Comprehensive AMC – 2nd Year inclusive of taxes	
M	Charges towards Comprehensive AMC – 3rd Year inclusive of taxes	
N	Total Value, I+J+K+L+M	
O	Total Value in words:	
P	Tentative Gross Weight	
Q	Tentative Dimensions	
R	Name of Manufacturer	
S	Port of Despatch	
T	Country of Origin	

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

Name of Bidder:		Currency:
Sl. No	Particulars	Price quoted
A	Total Material Cost of 17 Nos. Online Gas Monitoring Systems as per tender specification including commissioning spares Price break up mentioning quantity and unit price of each item quoted should be provided separately.	
B	Packing & Forwarding Charges	
C	Total Ex-Works Value, A+B	
D	GST@5% of C against Essentiality Certificate	
E	FOR Despatching Station Value, C+D	
F	Freight charges upto Duliajan including GST	
G	Insurance charges upto Duliajan including GST	
H	Total FOR Duliajan Value, E+F+G	
I	Installation, Commissioning & Training charges for 17 Nos. Online Gas Monitoring Systems, if any, inclusive of taxes	
J	Charges towards Comprehensive AMC – 1st Year inclusive of taxes	
K	Charges towards Comprehensive AMC – 2nd Year inclusive of taxes	
L	Charges towards Comprehensive AMC – 3rd Year inclusive of taxes	
M	Total Value, H+I+J+K+L	
N	Total Value in words:	
O	Import Content, if any	
P	Tentative Gross Weight	
Q	Tentative Dimensions	
R	Name of Manufacturer	
S	Place of Despatch	
T	Country of Origin	

12.0 Bidders 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.

BID EVALUATION CRITERIA:

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

- 1.0 The evaluation of bids shall be done as per the 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 and hence, applicable customs duty for import of goods shall be zero in case of Foreign Bidders. However, IGST @5% shall be applicable. Indigenous bidder shall be eligible for concessional rate of GST @5% against Essentiality Certificate.

4.1 When only foreign bidders are involved:

For evaluation of each individual items, Total value as per para **A.3 11.0 (i) N** will 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:

For evaluation of each individual items, Total value as per para **A.3 11.0 (ii) M** will be compared.

4.3 When both foreign and domestic bidders are involved:

For evaluation of each individual items, Total value as per para **A.3 11.0 (i) N of Foreign Bidders** will be compared with Total value as per para **A.3 11.0 (ii) M (excluding F & G) of Domestic Bidders.**

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.

***** **END OF ANNEXURE – B** *****

**Format of Authorization & Backup Warranty by Manufacturers to Sole
Selling Agent/Dealer/Distributor/Supply House
(To be typed on the letter head of the Manufacturers)**

Ref. No _____

Date _____

Sub: Authorization & Backup Warranty

Ref: Your tender No. _____ **Dated** _____

To,
The HOD-Materials
Materials Deptt,
OIL, Duliajan

Sir,

We, M/s..... (Name & address of the Manufacturer) hereby authorize M/s..... (Name & address of the Bidder) to submit their Bid against Tender No..... floated by OIL INDIA LIMITED (OIL) for supply tendered goods, which will be manufactured by us. As we do not participate directly against such tendering process, we authorize M/s. (name of the Bidder) to participate as our only Sole Selling Agent/Dealer/Distributor/Supply House (strike out whichever is not applicable) against the tender.

We hereby guarantee the supply through M/s..... (name of the Bidder) in the event of placement of purchase order by OIL and shall provide all back-up supports as may be necessary including for the quality & workmanship of supplied materials.

This authorization and back-up warrantee/guaranty shall remain valid throughout the execution by M/s. (Name of the Bidder) including the defect liability period, in the event of an order by OIL on them.

Yours faithfully,
For (Name of the manufacture)

Name & Signature of Authorized signatory:

Designation :

Phone No.

Place :

Date :

Seal of the Manufactuer:

CHECK LIST

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

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Supply House	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
3.0	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 120 days from the bid closing date of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of NIT Payment Terms	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
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

TO BE FILLED UP IN DETAIL:

S1 No	Requirement	Bidder's Reply
01	Name of Manufacturer	
02	Bid validity	
03	Payment Terms	
04	Guarantee/Warranty Terms	
05	Delivery Period	
08	Port of Despatch / Despatching Station	
09	Confirm submission Integrity pact, if required as per NIT	
10	Confirm submission PBG, if required as per NIT	
11	Compliance to: Liquidated Damage Warranty/Guarantee Arbitration/Resolution of Dispute Force Majeure Applicable laws	
12	Confirm submission of the balance sheet/Financial Statements for the financial year 2018-19. If not, whether declaration as per BRC submitted.	
13	Exception/Deviations quoted, if any, to be given in details or refer to respective page of the bid documents	

Signature _____
Name _____
Designation _____



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**

TECHNICAL CHECKLIST FOR THE BIDDERS:

Please tick relevant box and specify remarks, if any. Use additional sheets for remarks if required.

PART -I

SL No.	NIT Clause No.	Complied	Not Complied	Remarks	Supporting documents(where ever applicable)
1.0	1.1				
	1.2				
	1.2.1				
	1.2.2				
	1.2.3				
2.0	2.1				
	2.2				
	2.3				
	2.4				
	2.5				
	2.6				
	2.7				
	2.7.1				
	2.7.2				
	2.7.3				
	2.8				
	2.9				
	2.10				
2.11					
3.0	3.1				
	3.2				
	3.3				
	3.4				
4.0	4.1				
5.0	5.1				
	5.2				
	5.3				
6.0	6.1				
	6.2				
	6.3				
	6.4				
	6.5				
	6.6				
7.0	7.1				
	7.2				
	7.3				
	7.4				
8.0	8.1				
9.0	9.1				
	9.2				

10.0	10.1				
11.0	11.0				
12.0	12.1				
13.0	13.1				
14.0	14.1				
	14.2				
	14.3				
	14.4				
	14.5				
	14.6				
	14.7				
	14.8				
	14.9				
	14.10				
	14.11				
	14.11.1				
	14.11.2				
	14.11.3				
	14.11.4				
	14.11.5				
	14.11.6				
	14.11.6.1				
	14.11.6.2				
	14.11.6.3				
	14.11.6.4				
	14.11.6.5				
	14.11.6.6				
	14.11.6.7				
14.11.6.8					
14.11.7					
14.11.8					
14.11.9					
15.0	15.1				
	15.2				
	15.2.1				
	15.2.2				
	15.2.3				
	15.2.4				
	15.2.5				
	15.2.6				
	15.3				
16.0	16.1				
	16.2				
	16.2.1				
	16.2.2				
	16.2.3				
	16.3				
17.0	17.1				
	17.2				
	17.3				

	17.4				
	17.5				
	17.6				
	17.7				
	17.8				
	17.9				
	17.10				
	17.11				
18.0	18.1				
	18.2				
	18.3				
	18.4				
19.0	19.0				
20.0	20.1				
	20.2				
	20.3				
	20.4				
	20.5				
	20.6				
	20.7				
	20.8				
22.0	22.1				
	22.2				
	22.3				
	22.4				
	22.5				
	22.6				
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SL No.	Technical Specifications.	Complied / Not Complied	Remarks	Technical Literature/Brochure (Reference Model No and Page No.)
1	<p>1.0 Point Type Infrared Gas Detector:</p> <ul style="list-style-type: none"> i. Sensor type: Infrared (IR) type sensor ii. Principle of operation: Two IR lamp Producing Two Separate IR Beam. Temperature compensation shall be in-built. iii. Function: Shall be able to detect hydrocarbon gases in the range of 0-100% LEL iv. Calibration: Factory calibration at Methane or Propane v. Range: 0 to 100% LEL vi. Construction: Flameproof, 316SS body with dust/weather protection for outdoor installation. vii. Optical performance: Correct operation up to 75% obscuration, the same shall be configurable with facility for dirty optics warning. Heated optics to avoid condensation. There must be provision of Cleaning and Maintaining sensor window by a cleaning cloth/material. viii. Input Power: 24V DC nominal (18-30V DC) ix. Output: 4-20 mA DC with HART x. Overall Accuracy: +/- 3% of LEL or better xi. Repeatability: +/- 2% FSD xii. Zero drift: Typically, 2 % FSD per year xiii. Response time: 90% of gas reading in less than 8 seconds (with filter/protection guards) xiv. Self-Check: Continuous self-check for immediate detection of internal failures xv. Operating temperature: 5 Deg C To 50 Deg C xvi. Humidity: 0 to 95% RH xvii. Cable entry: NPT (F) xviii. Area classification: Class-I, Div-I, Gr. C & D (Zone-1, Gr. IIA/B) xix. Enclosure classification: Explosion Proof (EExD) conforming to hazardous area classification to Class-I, Div-I, Gr. - C & D (Zone-1, 			<p style="text-align: right;">Page 43 of 53</p>

	<p>Gr. IIA/IIB) and IP66</p> <ul style="list-style-type: none"> xx. Temperature Class will be T4. xxi. Hazardous Area Approval: Required. xxii. Safety Integrity Level: SIL-2 (TUV / EXIDA / Accredited international agency) certified xxiii. Accessories required: Mounting kits, Canopy, Tag Plates, Rain & Dust protection cover, Splash guard, Ex Proof & Weather proof double compression cable glands etc. as required. xxiv. Configuration: Non-Intrusive Configuration Required xxv. Warranty: 5 years 			
2	<p>2.0 Hooter:</p> <ul style="list-style-type: none"> i. Type: Industrial grade Electric Hooter. ii. Area Classification: Safe area at outside of operator's room/control room. iii. Protection Degree: IP 54 or better iv. Supply Voltage: 230 V AC /24VDC v. Power Consumption: 10 W vi. Sound Power: Minimum 100 dBA at 1 metre (Multi tone Selectable) vii. Body Material: Aluminium viii. Electrical Connection: ½ inch NPTF ix. Mounting: 2-inch Pipe mounting (Required mounting accessories to be provided) x. Others: Unit to be supplied with field mounted reset push button xi. Audibility: Loud enough to cover the entire range of the facility in all direction. 			
3	<p>3.0 Flasher:</p> <ul style="list-style-type: none"> i. Area Classification: Safe area ii. Protection Degree: IP 55 or better iii. Supply Voltage: 230 V AC iv. Power Consumption: 2 W v. Body Material: Aluminium vi. Electrical Connection: ½ inch NPTF 			

	<p>vii. Mounting: 2-inch Pipe mounting (Required mounting accessories to be provided)</p> <p>Others: Unit to be supplied with field mounted reset push button for outdoor application</p>			
4	<p>4.0 Cable , Cable tray and Cable Gland:</p> <p>A. 3 core Armoured Power/Signal Cable:</p> <p>i. CONDUCTOR: Material : Tinned copper Cross-sectional area of each core : 1.5 mm² No.of strands in each core : 7 (seven) Diameter of each strand : 0.5 mm Core colour : Black Core identification : White numbering on each core with 50 mm gap between two numbers</p> <p>ii. INSULATION: Material : Flame retardant PVC Thickness : 0.64 mm (Nominal) Continuous temperature rating : 85 Degree C Voltage grade : 1100 V Insulation resistance (Min) :100 Mega Ohms/Km at 20 DegreeC</p> <p>iii. ARMOURING: Material : Galvanized steel Magnetic/Non Magnetic : Magnetic Round wire/ Flat strip : Round wire</p> <p>iv. SHIELDING: Material : Mylar backed Aluminium foil Thickness : 0.0635 mm (63 Micron) Drain wire (for shield Continuity): Required Material of Drain wire : Tinned copper Shielding of individual cores : Not required Overall shielding : Aluminium Mylar screen</p> <p>v. OUTER SHEATH: Material : Flame retardant PVC Thickness (Min.) : 2.03 mm Colour : Black</p>			

vi. SIZE:
Outer diameter : Not more than 18 mm

B. 24/12 core Armoured Signal cable:

i. CONDUCTOR:

Material : Tinned copper
Cross-sectional area of each core :
1.5 mm²
No.of strands in each core : 7
(seven)
Diameter of each strand : 0.5 mm
Core colour : Black
Core identification : White
numbering on each core with 50 mm gap between two numbers

ii. INSULATION:

Material : Flame retardant PVC
Thickness : 0.64 mm (Nominal)
Continuous temperature rating : 85 Degree C
Voltage grade : 1100 V
Insulation resistance (Min) :100 Mega Ohms/Km at 20 DegreeC

iii. ARMOURING:

Material : Galvanized steel
Magnetic/Non Magnetic :
Magnetic
Round wire/ Flat strip : Round wire

iv. SHIELDING:

Material : Mylar backed Aluminium foil
Thickness : 0.0635 mm (63 Micron)
Drain wire (for shield Continuity):
Required
Material of Drain wire : Tinned copper
Shielding of individual cores : Not required
Overall shielding : Aluminium Mylar screen

v. OUTER SHEATH:
Material : Flame retardant PVC
Thickness (Min.) : 2.03 mm
Colour : Black

vi. SIZE:
Outer diameter : Not more than 28 mm

NOTE: For cables: Length of the cables indicated in the NIT is approximate only. If the actual requirement of cables increases more than 10% of NIT quantity then extra payment will be made on the basis of actual length of cables supplied. Accordingly parties are required to quote per meter length of cable in their offer. No payment will be made for installation of additional cables and if the actual requirement of cable length is within the range of 10% of NIT quantity.

D. Cable tray:

- i. Type : Perforated, hot dip galvanised
- ii. Size : As required, 16 SWG
- iii. Shape of perforation/ hole: oval shape
- iv. Gap between two consecutive/ adjacent holes: 8mm (length wise)
20mm (breadth wise)
- v. Accessories : Coupling plates, nuts, bolts and washers

E. Cable Gland:

- i. Specifications: Flame proof, Brass Ni plated, double compression type with lock nut & PVC shrouds of same size
- ii. Size: As required
- iii. Type: NPT

5	<p>5.0 Junction Box:</p> <ul style="list-style-type: none"> i. Material of JB: Cast Aluminum Alloy (LM6) ii. Mounting: Outdoor, Hazardous area iii. Enclosure: Industrial, Explosion proof and Weather Proof to IP 66 or better iv. Ambient Temperature: 0 to 60 Degree C v. Colour: Light grey, Epoxy coated vi. Terminals: Spring loaded. Vibration proof. Clip on type vii. Construction: Junction box shall have doors which shall be of hinged type and these shall be fixed with SS or cadmium plated countersunk screws viii. Terminals size: Minimum 2.5 sq.mm 			
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	<ul style="list-style-type: none"> ix. Terminal Numbering: Required, suitable for 2.5 sq.mm conductor; Terminal details to be displayed inside the junction box. x. Cable Entry: Bottom & side, Main cable :1 1/2" NPT(F) or as per requirement & branch cable entry: 12 nos 3/4 " NPT(F) or as per requirement xi. Mounting Accessories: Required xii. Tag Plate: Required xiii. Plugging of entry ports: Blind plugs shall be provided to block all idle entries. The entry points shall be plugged by PVC caps during transportation. 			
6	<p>6.0 Control System: The Control system should consist of the following (to be installed in operators' Room /control room which is located in non-hazardous area):</p> <p>A. Controller:</p> <ul style="list-style-type: none"> i. Type: Programmable Electronics System suitable for gas detection ii. Memory: Log File Memory for diagnostics purposes with back-up battery iii. SIL 2 Approval (TUV / EXIDA / Accredited international agency) required. iv. Input Power supply: 230 V AC/ 24VD C v. Inputs: Analog inputs: As per site requirement Digital Inputs: As per site requirement vi. Outputs: Digital Outputs: As per site requirement vii. Controller should have provision of expandable I/O viii. I/O port: Modbus over TCP/IP and RS 485 ix. Diagnostics: Continuous on line x. HMI/ DISPLAY: Minimum 10 inch (Touch Screen) to be mounting in the panel. xi. EMI/ RFI: No Interference xii. Earthing: Required for the entire control panel as per standard. xiii. Terminal Details: All wiring details inside the panel should be ferruled, numbered and details documentation should be submitted to OIL. 			

	<ul style="list-style-type: none"> xiv. Also, hardware details such as processor architecture, programming and all electronic modules should be submitted to OIL in a hard bound document. xv. Operating Temperature: 5 Deg C to 50 Deg C <p>B. Control Panel:</p> <ul style="list-style-type: none"> i. Mounting Control Cabinet with reset button to be House in 19" inch rack with controller and I/O cards based on manufacturer standard. ii. Type of sheet: CRCA Sheet iii. Type: Fully Powder Coated (RAL 7035 (Colour)) iv. Input Power supply: 230 V AC Supply through MCB/ ELCB of proper rating. v. Power ON, OFF and Reset button to House in the panel. vi. Power Supply Unit : 1 No(24VDC) Power Supply Unit should be capable of providing power supply to all channel cards, sensors and alarm hooter. vii. Channel Cards: As per site requirement and must have provision for future expansion. viii. Alarm: One No. non-flame proof Hooter to be provided in the Control panel as common alarm for all the gas detectors mounted at field. Also a flasher shall also be installed for visual indication of alarm. ix. Input Signal : 4-20 mA loop current @ 24 V DC x. Display : 10 inch touch screen display as indicated in A above. xi. Relay Contact Rating: Solid state relay contact rating; 5 A @ 24 V DC xii. Alarm Reset: External Alarm Reset Push Button to be available when alarm relays are programmed for latching. Alarm Relays will be reset but alarm status LEDs should track actual condition xiii. Terminal Block: Modular Terminal Block that allows disassembly without removal of individual wires. 			
7	<p>7.0. UPS:</p> <ul style="list-style-type: none"> i. On-line UPS (Uninterrupted Power Supply) with 60 minutes backup and suitable for generator power: 			

	230 V AC $\pm 10\%$, 50Hz ± 5 Hz. ii. Battery: Maintenance free.			
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Signature of the Bidder:
Designation:
Company Name:
Seal of Company:
Date:

**BID REJECTION CRITERIA (TECHNICAL) EVALUATION MATRIX
(TO BE FILLED IN BY BIDDER DULY SIGNED)**

Clause No.	Clause / Description	<u>Bidders Remarks</u> Complied / Not Complied / Deviation	Bidder to indicate Relevant Page No of their Bid to support the Remarks / compliance
1.0	<u>BIDDER'S QUALIFICATION:</u>		
1.1	The bidder shall be an Original Equipment Manufacturer (OEM) of the tendered item(s)		
	OR		
	<p>The bidder shall be authorized agent / dealer / distributor / consortium/ supply house of an OEM of the tendered item(s).</p> <p>Note:</p> <p>a) Bidder(s) other than OEM must submit a valid Authorization letter and back-up warranty from the manufacturer as per format enclosed herein vide APPENDIX-B1. The Authorization and back-up warranty letter duly sealed & signed by the Manufacturer on their official letterhead must be submitted along with the technical bid.</p> <p>b) The Sole Selling Agent/Dealer/Distributor/Supply House shall categorically confirm in their technical bid that there will be no change of the proposed OEM after submission of the bid.</p>		
2.0	<u>BIDDER'S EXPERIENCE:</u>		

2.1	<p>IN CASE THE BIDDER IS A MANUFACTURER, the bidder must have experience of successfully executing atleast One (1) order for supply, installation & commissioning of On-line gas monitoring system of value not less than Rs. 5,00,05,500.00 or US\$ 7,19,815.00 to any E&P Company(ies)/ Drilling Contractor(s)/ Drilling Service Provider(s) during last five(5) years preceding to the original Bid Closing Date of the Tender. Documentary evidences in this regard must be submitted alongwith the Technical Bid as per Para 2.3.</p>		
2.2	<p>In case the Bidder is a Sole Selling Agent/Dealer/Distributor/Supply House of the Original Equipment Manufacturer (OEM), the following criteria shall be met by the Bidder and the OEM:</p>		
2.2 (i)	<p>The Bidder as a Sole Selling Agent/Dealer/Distributor/Supply House must have experience of successfully executing at least One (1) order for supply, installation & commissioning of tendered item (manufactured by either the proposed OEM or any other OEM) of value not less than Rs. 5,00,05,500.00 or US\$ 7,19,815.00 to any E&P Company(ies)/ Drilling Contractor(s)/Drilling Service Provider(s) during last five(5) years preceding to the original Bid Closing Date of the Tender. Documentary evidences in this regard must be submitted alongwith the Technical Bid as per Para 2.3.</p>		
2.2 (ii)	<p>Their Original Equipment Manufacturer (OEM) must meet the experience criteria set out in para 2.1 above and documentary evidences in this regard must be submitted alongwith the Technical Bid as per para 2.3.</p>		
2.3	<p>NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA</p>		
2.3.1	<p>The following documentary evidences to substantiate above experience records (2.1 and 2.2, as applicable) of the Bidder must be submitted alongwith the technical bid, failing which the Bid shall be treated as incomplete and rejected:</p> <p>(a) Copy of Purchase order(s)/contract(s) awarded by Client(s)</p> <p>(b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -</p> <p>True copies of Original Signed and sealed Completion report/performance certificate</p>		

	<p>from the clients (on Client's/User's official letter head with signature & stamp) duly notarized by Government Notary.</p> <p>OR</p> <p>Copy of Bill of Lading</p> <p>OR</p> <p>Copy of Consignee delivery receipts/challans</p> <p>OR</p> <p>Copy of Tax Invoice/Excise Gate Pass issued under relevant Act/rules</p> <p>OR</p> <p>Copy of Commercial Invoice/Payment Certificate</p>		
2.3.2	<p>The date of purchase order(s)/contract(s) need not be within five (5) years preceding the original bid closing date of the Tender, but execution/ supply of required quantity must be within five (5) years preceding the original bid closing date of this tender.</p>		
2.3.3	<p>In case of extension to the scheduled Bid Closing date of this tender, if any, the Original scheduled Bid closing Date shall be considered for evaluation of Bids.</p>		
2.3.4	<p>Against all supporting documents submitted by the bidder alongwith the technical bid, originals must be kept ready and to be produced for verification of OIL, if called for.</p>		
3.0	<p><u>DELIVERY PERIOD:</u></p> <p>Time is of the essence and materials must be supplied within Six (6) months in the event of an order. Therefore, Bids submitted by Bidders quoting delivery schedule more than Six (6) months shall not be accepted. Overseas Bidders must quote shipment (FOB) within Six (6) months from the date of opening of Letter of Credit by OIL and indigenous Bidders must quote delivery within Six (6) months from the date of placement of order by OIL.</p>		