

Bid Document

Bid Details	
Bid End Date/Time	01-09-2021 18:00:00
Bid Opening Date/Time	01-09-2021 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Oil India Limited
Organisation Name	Oil India Limited
Office Name	Oil India Limited
Total Quantity	13
Item Category	DESIGN, ENGINEERING, SUPPLY, I & C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - 1 , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 2 , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 6 , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - JOYPUR , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 1 - SALMARI , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 2 - SALMARI , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - MORAN , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 8 , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: GCS - TENGAKHAT , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: GCS- DIKOM , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - MAKUM , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - HAPJAN , DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: EPS - BAGHJAN
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No

Bid Details	
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Annual Maintenance Charges Required	Yes
Primary product category	DESIGN, ENGINEERING, SUPPLY, I & C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - 1
Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Post Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	HDFC Bank
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	14

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

GM- MATERIALS (HOD)

Oil India Limited, Duliajan Assam - 786602 Ph: 0374 2808705 (Direct). Details of Beneficiary: OIL INDIA LIMITED
Bank Name: HDFC BANK LIMITED, Branch Name: Duliajan, Bank Account No. : 21182320000016, Type of Account: Current Account, IFSC Code: HDFC0002118, MICR Code: 786240302, SWIFT Code: HDFCINBBAL (Note: OIL has made arrangement for online confirmation of Bank Guarantee through SFMS Platform with HDFC Bank, Duliajan Branch. Therefore, bidders submitting Performance Security in the form of Bank Guarantee must route the BG through SFMS platform as per following details – a. The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details: (i) MT 760 / MT 760 COV for issuance of Bank Guarantee (ii) MT 760 / MT 767 COV for amendment of Bank Guarantee The above message / intimation shall be sent through SFMS by the BG issuing Bank branch to HDFC Bank, Duliajan Branch, IFS Code – HDFC0002118; SWIFT Code -

HDFCINBBCAL. Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN – 786602. 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. Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-Scheduled Bank in India shall not be acceptable.)
(Binita Deka Borah)

Splitting

Bid splitting not applied.

MII Purchase Preference

MI Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.

3. Inspection of Stores by Nominated Inspection Authority / Agency of buyer or their authorized representatives

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer .If so requested and accepted by the seller , initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer . For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date

and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer, all reasonable facilities as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply. The decision of the purchaser representative /inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises, the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.

Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

DESIGN, ENGINEERING, SUPPLY, I & C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - 1 (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequenecy	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 2 (1 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 6 (1 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - JOYPUR (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 1 - SALMARI (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 2 - SALMARI (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance

Annual Maintenance

Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - MORAN (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance

Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 8 (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: GCS - TENGAKHAT (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance

Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: GCS- DIKOM (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - MAKUM (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - HAPJAN (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance

Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: EPS - BAGHJAN (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequency	Bi-annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	180

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Technical Specification & BRC View	Technical Specification & BRC	DESIGN, ENGINEERING, SUPPLY, I & C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - 1(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 2(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 6(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - JOYPUR(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 1 - SALMARI(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 2 - SALMARI(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - MORAN(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS 8(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: GCS - TENGAKHAT(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: GCS- DIKOM(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - MAKUM(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: OCS - HAPJAN(1),DESIGN, ENGINEERING, SUPPLY, I&C OF ONLINE GAS DETECTION SYSTEM, INSTALLATION: EPS - BAGHJAN(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are

Buyer Added Bid Specific Additional Terms and Conditions

1. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
2. Bidder shall submit the following documents along with their bid for Vendor Code Creation:
 - a. Copy of PAN Card.
 - b. Copy of GSTIN.
 - c. Copy of Cancelled Cheque.
 - d. Copy of EFT Mandate duly certified by Bank.
3. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
4. **OPTIONAL SITE VISIT:**
 1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder. Cost of visiting the sites shall be borne by the bidder.
 2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.
 3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.
5. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : 3/2017 dated 28/06/2017
6. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: Cost to be included in quoted price..
7. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
8. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
9. Whereever Essentiality Certificate is applicable (PEL/ML), successful bidder should provide Proforma Invoice for processeing for EC application and material should be dispatche after receiving of EC rom DGH. In view of the same, an ATC may be incorporated in GeM, viz, "BIDDER/OEM must provide Proforma Invoice for processeing for EC application within 120 days from date of issue of GeM Contract and material should be dispatche after receiving of EC rom DGH."
10. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
11. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as

defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

12. Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
 - ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
 - iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.
13. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
14. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

Additional Clause For Annual Maintenance Charges

1. AMC charges to be indicated as percentage of cost of Product/Equipment quoted for each year after the warranty period.

2. GST shall be included in the AMC Charges quoted.

3. The AMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to RA decrement rules shall be applicable on total price inclusive of AMC charges.

3.1 Buyer shall indicate number of years of warranty by selecting option of 1- 10 Years available in the field depending on warranty parameter applicable in category parameters for the equipment. The Seller while participating in Bid/RA will get fields to indicate AMC charges as percentage depending on number of years of AMC selected by Buyer. The following shall be applicable If 5 year AMC selected.

3.1.1 AMC charges for first year after warranty period – Percentage to be indicated- A1.

3.1.2 AMC charges for second year after warranty period – Percentage to be indicated A2.

3.1.3 AMC charges for third year after warranty period – Percentage to be indicated A3.

3.1.4 AMC charges for fourth year after warranty period – Percentage to be indicated A4.

3.1.5 AMC charges for 5th year after warranty period – Percentage to be indicated A5.

3.2 The calculation of AMC Charges shall take in to account of number of years of warranty and duration of AMC as specified while creating bid.

3.3 AMC charges to be indicated for each subsequent year should be same or higher than preceding year.

3.4 The AMC charges shall be offered within range of 3 to 10% of cost of equipment.

4. Since AMC charges are to be paid only later for each year during AMC period , applicable performance guarantee amount after placement of contract shall be based on the cost of product/equipment and not on basis of cost of equipment along with AMC Charges.

5. Performance bank guarantee applicable for AMC is to be submitted at start of the AMC and shall be applicable as 3% on the total contract value including AMC Charges The PBG submitted after award of contract shall be released only after new PBG for the AMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for AMC is to remain valid till completion of AMC period plus one year .The bank guarantee for AMC shall be submitted to buyer directly.

6. In case of splitting of quantity product/equipment cost and AMC charges offered by L-1 in the evaluated cost shall be matched by higher quoting eligible bidders on one to one basis .The equipment cost shall be matched and AMC charges shall be matched year to year.

7. The AMC Contract shall be an offline contract to be handled by buyer. The payment of AMC will be made on AMC frequency (as indicated above) basis after satisfactory completion of said period, duly certified by end user and scope of AMC will be as per para 1 above.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---



ANNEXURE - I

DESIGN, ENGINEERING, SUPPLY, INSTALLATION & COMMISSIONING OF ONLINE GAS DETECTION SYSTEM FOR 13 (THIRTEEN) OIL FIELD INSTALLATIONS

I. PREAMBLE

- 1.0 Oil India Limited, intends to install 'Gas Detection System (GDS)' for its Oil Field Installations namely OCS - 1, OCS - 2, OCS – 6, Joypur OCS, Salmari OCS 1, Salmari OCS 2, Moran OCS, OCS - 8, GCS-Tengakhat & GCS-Dikom of Western Asset and Makum OCS, Baghjan EPS & Hapjan OCS of Eastern Asset located in and around Duliajan in the state of Assam for Oil Collecting Stations (OCS)/ Gas Collection Station (GCS)/ Early Production Set-up (EPS). The proposed Gas Detection System shall be installed in these installations and the Control Panel shall be placed in the operator's room/control room. The system shall be equipped with provision to interface with the existing SCADA RTU/ PLC via Modbus Protocol [RS-485].

Main objective of the Gas Detection System (GDS) shall be to detect hydrocarbon gas concentrations in these Oil Field 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.

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

- 1.1 List of locations where the Online Gas Detection Systems are to be installed -

S/N	Locations/Installation	Quantity (No.)
WESTERN ASSET		
1	Online Gas Monitoring System at OCS – 1	1
2	Online Gas Monitoring System at OCS – 2	1
3	Online Gas Monitoring System at OCS – 6	1
4	Online Gas Monitoring System at Joypur OCS	1
5	Online Gas Monitoring System at Salmari OCS 1	1
6	Online Gas Monitoring System at Salmari OCS 2	1
7	Online Gas Monitoring System at Moran OCS	1
8	Online Gas Monitoring System at OCS – 8	1
9	Online Gas Monitoring System GCS at Tengakaht	1
10	Online Gas Monitoring System GCS at Dikom	1
EASTERN ASSET		
11	Online Gas Monitoring System at Makum OCS	1
12	Online Gas Monitoring System at Hapjan OCS	1
13	Online Gas Monitoring System at Baghjan EPS	1

II. SCOPE OF SUPPLY/ SERVICES

Gas Detection System shall be designed and supplied on the basis of following 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 and non-fired vessels area.
 - 1.2.3 To cover storage and Gas Compressor 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 designed and 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 and 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 installation 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 with features of :
 - 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 The supplier 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 [RS-485].
- 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 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 to be used in hazardous area shall 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 shall provide 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 along with their offer against this tender.
- 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 along with their offer.

- 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 supplied which shall be installed at the control panel inside the operator's room/control room. One Industrial grade electric external hooter alongwith flasher will also be supplied and installed in the safe area outside of operator's room/control room within each of the Oil Field installations for this purpose.
- 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 Oil Field Installation 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:

In general, Controller shall provide data via MODBUS protocol [RS 485]

13.0 Earthing System:

- 13.1 Installation & commissioning of the necessary Earthing system for control panel and other instruments shall be under scope of bidder. The vendor shall supply readymade maintenance free CPRI approved chemical Earthing system with 50 mm dia 3.00 Metres length corrosion free G.I. pipe Electrode and conforming to relevant Indian Standards alongwith brick earth chamber and earth pit cover. Bidder to specify technical specifications and make in his offer and quote accordingly.

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 13 (Thirteen) Oil Field Installation within 60 KM from Duliajan, Assam (India). 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 brought by the successful bidder/supplier for calibration of the sensors in each of the OIL Field installations without dismantling

them. Material of construction shall be of SS316 as a minimum. Successful bidder/supplier shall ensure necessary and sufficient supply of gases for calibration of all sensing heads in all of the OIL Field Installations.

- 14.2 During commissioning all required accessories and spares are to be supplied by the Successful bidder/supplier for each OIL Field Installation.
- 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 aluminium strips.
- 14.7 All the Gas detectors along with control system in each of the OIL Field Installation is to be calibrated on site and alarm level to be checked before putting into operation.
- 14.8 The system in each installation will be considered Successfully Commissioned only after successful continuous operation of the system individually for each installation in full capacity and capability without any part operation and functioning of the system for continuous 72 hours. If any breakdown or malfunctioning of the system in any form is observe during the above observation period, the starting time of observation will be reset to zero. In case the system could not function continuously due to OIL's operational problem, the starting time of observation will not be reset to zero, however, the system shall be made operational and put it under observation by the supplier to complete 72 hours once OIL's operational problem is resolved.

14.9 NOTES FOR INSTALLATION & COMMISSIONING:

- 14.9.1 Bidder shall include the Installation and Commissioning charges in their quoted price.
- 14.9.2 All charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam, and other expenses of the Supplier's personnel during their stay at Duliajan shall be under the Supplier's scope. In this regard, bidders may make a prior visit to OIL Field Installation at their own cost.
- 14.9.3 No hot work (including all types of welding, cutting, grinding, drilling and heating) shall be permitted within the OIL Field 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, as required.
- 14.9.4 The successful bidder shall carry out Work 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.
- 14.9.5 The successful bidder must obtain "Entry Permit" from CISF Commandant/ Head-Security of OIL for all his workers/personnel to enable them to work inside the installations.
- 14.9.6 **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.

14.9.7 CARE OF WORKS: From the commencement to completion of work, the successful bidder shall take full responsibility for the care of OIL's property, all equipment and pipelines including all temporary works and in case any damage, loss or injury shall happen to OIL's property/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.

14.9.8 SAFETY PRACTICES:

14.9.8.1 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.

14.9.8.2 Stand by firefighting 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 firefighting 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.

14.9.8.3 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.

14.9.8.4 Any compensation arising due to accident of the successful bidder's personnel while carrying out the job, will be payable by the successful bidder.

14.9.8.5 The successful bidder shall have to report all incidents including near miss to Installation Manager/ departmental representative of the concerned department of OIL.

14.9.8.6 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.

14.9.8.7 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.

14.9.8.8 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.

14.9.8.9 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.

14.9.8.10 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.

14.9.8.11 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 each of the OIL Field Installation 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 Only after successful completion of SAT, the complete system shall be put under observation for 72 continuous hours for each of OIL Field Installation. During this 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. On successful completion of 72 hours of continuous operation, the Gas Detection system for that installation shall be accepted by OIL.

16.0 Training:

- 16.1 Successful Bidder shall impart training to OIL's site personnel for routine operation & preventive maintenance of the Gas Detection system. The training shall be imparted at each of OIL Field Installations for minimum 1 (one) day immediately after successful acceptance of the complete system at that particular installation.
- 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 Cost towards such training/demonstration is inclusive in the installation/commissioning charges.

17.0 SPECIAL NOTES:

- 17.1 The supplier must provide all relevant technical catalogues, statutory certificates etc. along with their bid for on line Gas Detection System of their offered model No. for technical evaluation.

- 17.2 The supplier 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 OIL Field installation) in printed form for Infrared (IR) On-Line Gas Detection System to be provided during commissioning of the system. The maintenance manual shall include 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 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 replace/repair at his own cost.
- 17.8 Deviations from NIT specifications, if any, should be highlighted in the quotation.
- 17.9 It will be solely supplier's responsibility (as already undertaken in supplier's offer) to ensure availability of 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.
- 17.10 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 bidders and should be included in their quoted price.

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 successful bidder/supplier'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 intimation of such failure. However, if party do 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 making the system operational.
- 18.4 During warranty, if required, Party shall have to calibrate the detector(s) at their own arrangement.

19.0 Delivery:

- 19.1 The successful bidder/supplier shall pack and deliver all equipment/items and accessories in separate lots for each of OIL Field Installation. These packed lots shall be clearly marked for site wise deployment for ease of identification and subsequent logistic transportation at the time of installation and commissioning.

The equipment/items and accessories shall be packed in robust cartoons so as to avoid damage in transit and for safe storage before/during installation and commissioning.

- 19.2 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 & Commissioning. The first part supply of items has to be completed within 180 days from issue of Purchase Order (PO) and the second part Installation and Commissioning has to be completed within 90 days from issue of site clearance by OIL. 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 OIL's approval and deputation of engineer/technicians for installation, commissioning, testing and final acceptance test at site including training.
- 19.3 The supplied materials including electronic/instruments/cables are required to be stored properly until installation, commissioning, testing and final acceptance of the complete packages. OIL shall provide free space to the bidder for arranging proper storage facilities. For any Damage/pilferage due to poor storage, OIL shall not be responsible for the same.

20.0 GENERAL 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. **Bidders are requested to visit the sites prior to submission of their bid so that the exact requirements for items such as Cables, Cable Tray, Junction Box, Cable Gland etc. of the tender could be ascertained and quote accordingly. Tentative requirement is provided in the Annexure – II (Bill of Materials).**
- 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/equipments.
- 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 (Western) 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 50Deg 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 Degree C

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 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 Degree C

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 tender (BOM) is approximate only. Bidders are requested to visit the sites prior to submission of their bid so that the exact requirement of the cables could be ascertained and quote accordingly.

C. Cable tray:

- i. Type: Perforated, hot dip galvanized
- 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:

- 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
- 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.

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):

22.1 OIL reserves the right to enter into an Annual Maintenance Contract (*Non-comprehensive*) for three (3) years for all On-Line Gas Detection System supplied, installed & commissioned against this tender. Accordingly, bidder shall quote the AMC charges year wise separately as per provision provided in GeM portal.

22.2 Annual Maintenance will start after successful completion of warranty period.

22.3 Two nos. of Preventive maintenance (PM) should be carried out in a year (half yearly) by the supplier. During PM, supplier shall carryout 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.)

22.4 Successful bidder shall carry out breakdown maintenance as and when required basis as intimated by OIL on free of cost basis.

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

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

22.7 Successful bidder to provide necessary PPE for their personnel.

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

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

22.10 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.

- 22.11 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.
- 22.12 Charges for the Annual Maintenance Contract, after completion of the initial warranty period, up to 3 (three) years with year wise break up, must be quoted separately as per provision available in GeM portal, which shall be considered for evaluation of offers.
- 22.13 While quoting 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.
- 22.14 For the AMC contract, OIL's **General Conditions of Contracts (ANNEXURE – VI)** shall be applicable. Bidder to comply with the same while submitting their bid.
- 23.0 **BILL OF MATERIALS (BOM):**
- 23.1 Tentative BOM is enclosed as **ANNEXURE – II**. However, any additional requirement, if found necessary to make the system functional and fulfil its purpose, bidder has to supply the same without any extra cost to OIL. **Bidders are requested to visit the sites prior to submission of their bid so that the exact requirement is ascertained.**

ANNEXURE - II

BILL OF MATERIALS FOR ONLINE GAS MONITORING SYSTEM AT 13 LOCATIONS

S/N	ITEM	UNIT	Western Asset										Eastern Asset			Total
			OCS - 1	OCS - 2	OCS - 6	OCS - Joypur	Salmari - OCS 1	Salmari - OCS 2	Moran - OCS	OCS - 8	Tengakhat GCS	Dikom GCS	Makum - OCS	Hapjan - OCS	Baghjan - EPS	
			Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	
1	Point Type Infrared Gas Detector	No.	43	36	39	36	54	53	45	42	12	9	124	52	76	621
2	Controller	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	13
3	HMI/Display (Touch Screen)	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	13
4	Control Panel	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	13
5	Hooter	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	13
6	Flasher	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	13
7	UPS	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	13
8	3 Core armoured power cable	M	400	400	400	300	400	400	400	300	500	400	300	300	300	4800
9	24 core armoured signal cable	M	540	580	530	550	950	900	800	700	400	400	3500	1200	2800	13850
10	Armoured signal cable	M	1900	1500	1750	1900	2300	2350	2000	1900	3800	4000	6500	2500	4300	36700
11	Cable Tray, junction Box, Cable Gland etc.	Lot	1	1	1	1	1	1	1	1	1	1	1	1	1	13
12	Installation & Commissioning		1	1	1	1	1	1	1	1	1	1	1	1	1	13

ANNEXURE – III

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 **PROFORMA – A**. 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 (OEM):

2.1.1 OEM PROPOSING FOR SUPPLY AND SERVICES BY THEMSELVES:

The OEM must have experience of successfully executing *(either by themselves or through any Sole Selling Agent/Dealer/ Distributor/ Supply House)* atleast One (1) order for **supply, installation & commissioning** of On-line Gas Monitoring System of value not less than Rs. 2,84,42,005.22 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.

2.1.2 OEM PROPOSING FOR SUPPLY BY THEMSELVES AND SERVICES BY THEIR AUTHORIZED SERVICE PROVIDER/ DISTRIBUTOR/SOLE SELLING AGENT/SUPPLY HOUSE:

A) The OEM must have experience of successfully executing *(either by themselves or through any Sole Selling Agent/Dealer/ Distributor/Supply House)* atleast One (1) order for **supply** of On-line Gas Monitoring System of value not less than Rs. 2,84,42,005.22 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.

B) The OEM authorized service provider/distributor/sole selling agent/supply house must have experience of successfully executing atleast One (1) order for **installation & commissioning** of On-line Gas Monitoring System of supply order value not less than Rs. 2,84,42,005.22 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) Their proposed OEM must satisfy Clause No. 2.1.2 (A).
- ii) Additionally, the Bidder as a Sole Selling Agent/Dealer/Distributor/Supply House must have experience of successfully executing atleast One (1) order for **supply, installation & commissioning** of Online Gas Monitoring System of value not less than Rs. 2,84,42,005.22 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.

2.3 **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.
- 2.3.5 The Purchase order(s)/contract (s) must bear the Purchase order number(s)/Contract number(s) which clearly indicate the scope of work and technical specifications of the item(s).
- 2.3.6 The experience of the bidder's Sister Concern/subsidiary shall not be considered for evaluation.
- 2.3.7 Bidder shall quoted for all the items of the tender; otherwise, the offer shall be liable for rejection.

3.0 **DELIVERY PERIOD:**

Delivery of the materials must be completed within the **180 days** from the date of issue of Purchase order. The date of receipt of all materials at site shall be considered as the date of delivery.

Installation & Commissioning at all the installations must be completed within **90 days** from the date of issue of site clearance by OIL.

Bidder to confirm compliance of the above delivery schedule in their technical bid. Bidder quoting delivery period and installation & commission period more than the above shall be liable for rejection.

A.2 FINANCIAL

- 1.0** The bidder shall have an annual financial turnover of minimum **INR 4,74,03,342.04** 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 should be positive for the financial/accounting year just preceding to the original bid closing date of the tender.
- 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 **(PROFORMA – B)** that 'the balance sheet/Financial Statements for the financial year (As the case may be) has actually not been audited so far'.

Note:

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

OR

 - ii) Audited Balance Sheet along with Profit & Loss account.
- b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.
- 4.0** In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.
 - 5.0** In case the Bidder is subsidiary company (should be 100% owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ultimate parent/holding company, then following documents need to be submitted:
 - (i) Turnover of the parent/ultimate parent/holding company should be in line with Para **A.2 (1.0)** above.
 - (ii) Net Worth of the parent/ultimate parent/holding company should be positive in line with Para **A.2 (2.0)** above
 - (iii) Corporate Guarantee **(PROFORMA - D)** on parent/ultimate parent/holding company's company letter head signed by an authorized official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them.
 - (iv) Documents to substantiate that the bidder is as 100% subsidiary of the parent/ultimate parent/holding company.

ANNEXURE - IV

GENERAL NOTES TO BIDDERS

1.0 Bidders shall submit their offer mentioning pointwise compliance/noncompliance to all the terms & conditions, BEC/BRC, Specifications etc. Any deviation(s) from the tender terms & conditions, BEC/BRC, Specifications etc. should be clearly highlighted specifying justification in support of deviation.

2.0 The Bidder to submit following Technical Evaluation Sheet along with technical bid -

Annexure -IV: Technical Evaluation Matrix (Technical Specification)

Annexure - V: Bid Evaluation Matrix (Bid Rejection Criteria)

3.0 OIL shall be entering into an Integrity Pact, **if applicable** with the bidders as per format enclosed vide **PROFORMA - E** of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact have been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.

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

Shri Sutanu Behuria, IAS (Retd.),
e-mail ID : *sutanu2911@gmail.com*

Shri Om Prakash Singh, IPS (Retd.),
Former DGP, Uttar Pradesh
e-mail: *Ops2020@rediffmail.com*

Shri Rudhra Gangadharan, IAS (Retd.),
Ex-Secretary, Ministry of Agriculture
e-mail id : *rudhra.gangadharan@gmail.com*

3.1 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact.

3.2 In the event of any dispute between the management and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. In case, the dispute remains unresolved even after mediation by the panel of IEMs, the organisation may take further action as per the terms and conditions of the contract.

4.0 Categorisation and various Criteria applicable to MSE bidders shall be guided by the Gazette Notification No. CG-DL-E-26062020-220191 dated 26.06.2020 and Amendment vide Gazette Notification no. CG-DL-E-16062021-227649 dated 16th June, 2021 issued by Ministry of MICRO, SMALL AND MEDIUM ENTERPRISES. The existing enterprises registered under EM- Part-II or UAM till 30th June, 2020 shall continue to be valid only for a period up to the 31st day of December, 2021.

The bidder claiming as MSE status (MSE-General, MSE-SCIST, MSE -Woman) against this tender has to submit the following documents for availing the benefits applicable to MSEs:

Udyam Registration Number with Udyam Registration Certificate.

OR

Proof of registration with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or Udyog Adhar registration or registration with any other body specified by Ministry of MSME.

Note: In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur or Woman Entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur/ Woman Entrepreneurs should also be enclosed.

5.0 POLICY TO PROVIDE PURCHASE PREFERENCE (LINKED WITH LOCAL CONTENT) (PPLC):

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. FP-20013/2/2017-FP-PNG dtd. 17.11.2020 and its amendment issued from time to time. PP-LC Policy (including its latest modifications/amendments) as may be prevailing on the date of Price Bid Opening shall be applicable against this tender. Bidders are requested to go through the policy and take note of the following while submitting their offer.

1. Certification and Verification

Class I/Class II Local suppliers are eligible to bid only if they meet the local content norms, therefore whether or not they want to avail PP-LC benefit, it will still be mandatory for them to give adequate documentation as follows to establish their status as class-I or class-II local supplier:

(i) At bidding stage:

a) Price Break-up:

- The bidder shall provide the percentage of local content in the bid.

b)

- The bidder shall submit an undertaking from the authorised signatory of bidder having the power of Attorney alongwith the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.
- In cases of procurement for a value in excess of Rs 10 crores, the undertaking submitted by the bidder shall be supported by a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practising chartered accountant (in respect of other than companies) giving the percentage of local content.
- However, in case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/ subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practising cost accountant or practising chartered accountant giving the percentage of local content is also acceptable.

(ii) After Contract Award

- The bidder shall submit an undertaking from the authorised signatory of bidder having the power of Attorney alongwith the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.
- In cases of procurement for a value in excess of Rs 10 crores, the undertaking submitted by the bidder shall be supported by a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practising chartered accountant (in respect of other than companies) giving the percentage of local content.
- However, in case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/ subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practising cost accountant or practising chartered accountant giving the percentage of local content is also acceptable.

- 2.** Each supplier shall provide the necessary local-content documentation to the statutory auditor, which shall review and determine that local content requirements have been met, and issue a local content certificate to that effect on behalf of procuring company, stating the percentage of local content in the good or service measured. The Auditor shall keep all necessary information obtained from suppliers for measurement of

Local Content confidential.

3. The Local Content certificate shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
4. As regards cases where currency quoted by the bidder is other than Indian Rupee, exchange rate prevailing on the date of notice inviting tender (NIT) shall be considered for the calculation of Local Content.
5. The Procuring Company shall also have the authority to audit as well as witness production processes to certify the achievement of the requisite local content.

6.0 Bidder to categorically confirm under which policy i.e. PP-LC or MSME, they want to avail the benefit and to submit requisite document/certificate in support to avail this benefit. The bids will be evaluated based on their declaration. Tenders involving eligible/qualified MSME Vendors as well as LC Vendors, preference regarding placement of order shall be accorded to MSME Vendors in line with Public Procurement Policy over PP-LC Policy.

7.0 Ministry of Finance of Govt. of India, Department of Expenditure, Public procurement Division vide office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020 (order-Public Procurement no.1) has proclaimed the insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 w.e.f. 23rd July, 2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India on the grounds of defence of India on matters directly or indirectly related thereto including national security. Bidders are requested to take note of the office memorandum and submit their offers accordingly, wherever applicable. In this regard, bidders must submit duly sealed & signed undertaking as per format provided vide, “**PROFORMA-F**” along with the technical bid.

8.0 TAX COLLECTIBLE AT SOURCE (TCS):

Tax Collectible at Source (TCS) applicable under the Income-tax Law and charged by the SUPPLIER shall also be payable by OIL along with consideration for procurement of goods/materials/ equipment. If TCS is collected by the SUPPLIER, a TCS certificate in prescribed Form shall be issued by the SUPPLIER to OIL within the statutory time limit.

Payment towards applicable TCS u/s 206C (IH) of Income Tax Act, 1961 will be made to the supplier provided they are claiming it in their invoice and on submission of following undertaking along with the invoice stating that:

- a. TCS is applicable on supply of goods invoiced to OIL as turnover of the supplier in previous year was more than Rs. 10 Cr. and
- b. Total supply of goods to OIL in FY (As applicable) exceeds Rs. 50 Lakh and
- c. TCS as charged in the invoice has already been deposited (duly indicating the details such as challan No. and date) or would be deposited with Exchequer on or before the due date and
- d. TCS certificate as provided in the Income Tax Act will be issued to OIL in time.

However, Performance Security deposit will be released only after the TCS certificate for the amount of tax collected is provided to OIL. Supplier will extend the performance bank guarantee (PBG), wherever required, till the receipt of TCS certificate or else the same will be forfeited to the extent of amount of TCS, if all other conditions of Purchase order are fulfilled.

The above payment condition is applicable only for release of TCS amount charged by supplier u/s 206C (I H) of Income tax Act, 1961.

9.0 At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the tender Documents through issuance of Corrigendum(s)/Addendum(s). Bidders are expected to take the Corrigendum(s)/ Addendum(s) into account in preparation and submission of their bid. No separate intimation for Corrigendum(s)/Addendum(s) published by OIL shall be sent to the Bidders.

PROFORMA – A

SAMPLE AUTHORIZATION LETTER FROM OEM
(TO BE TYPED ON THE LETTERHEAD OF THE OEM)

Ref. No. _____

Date _____

GM (Materials)
Oil India Limited,
Duliajan-786 602

Sub: Authorization Certificate

Ref: Your tender enquiry No. _____ Dated _____.

Dear Sir,

This is to confirm that M/s _____ is the ultimate authorized Dealer/Sole Selling Agent/ Distributor of M/s _____ (OEM) and is authorised to sale our products.

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

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

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

Yours faithfully,

For (type name of the firm here)

Signature of Authorized Signatory

Name:

Designation:

Phone No.

Place:

Date:

(Affix Seal of the Organization here)

PROFORMA - B

**FORMAT FOR CERTIFICATE OF COMPLIANCE OF FINANCIAL CRITERIA
(ON THE OFFICIAL PAD OF THE BIDDER TO BE EXECUTED BY THE AUTHORIZED SIGNATORY OF THE BIDDER)**

Ref: Clause No. A.2 (3.0) - Financial Criteria of the BEC

Tender No.: _____

I the authorized signatory(s) of.....(Company or firm name of address) do hereby affirm and declare as under:-

The balance sheet/Financial Statements for the financial year _____ (as the case may be) has actually not been audited as on the Original Bid closing Date.

Place :.....

Date :.....

Signature of the authorized signatory

Note: *This certificate are to be issued only considering the time required for preparation of Financial Statements i.e. if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date.*

PROFORMA – C

CERTIFICATE OF ANNUAL TURNOVER & NETWORTH

TO BE ISSUED BY PRACTISING CHARTERED ACCOUNTANTS' FIRM ON THEIR LETTER HEAD		
<u>TO WHOM IT MAY CONCERN</u>		
<p>This is to certify that the following financial positions extracted from audited financial statements of M/s..... (Name of the bidder) for the last 3 (three) completed accounting years upto.....(as the case may be) are correct.</p>		
YEAR	TURNOVER In INR (Rs.) Crores/ USD Million*	NET WORTH In INR (Rs.) Crores / USD Million*
<p>*Rate of conversion (if used any): USD 1.00 = INR</p> <p>Place:</p> <p>Date:</p> <p>Seal:</p> <p>Membership No.:</p> <p>Registration Code:</p> <p>Signature:</p>		

****Applicable for Global Tenders.***

NOTE: As per the guidelines of ICAI, every practicing CA is required to mention Unique Document Identification Number (UDIN) against each certification work done by them. Documents certified by CA without UDIN shall not be acceptable.

PROFORMA – D

PARENT/ ULTIMATE PARENT/ HOLDING COMPANY'S CORPORATE GUARANTEE TOWARDS FINANCIAL STANDING (Delete whichever not applicable)
(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this day of by M/s(mention complete name) a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office at.....herein after called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their Tender No..... for.....and M/s.....(Bidder) intends to bid against the said tender and desires to have Financial support of M/s..... [Parent / Ultimate Parent/Holding Company(Delete whichever not applicable)] and whereas Parent/Ultimate Parent/Holding Company(Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the Financial support as required by the bidder for qualifying and successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed by the Guarantor to give this Guarantee and undertakes as follows:

1. The Guarantor confirms that the Bidder is a 100% subsidiary of the Guarantor.
2. The Guarantor agrees and confirms to provide the Audited Annual Reports of any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
3. The Guarantor have an annual financial turnover of minimum INR..... Cr or USD during any of the preceding 03(three) financial/ accounting years reckoned from the original bid closing date.
4. Net worth of the Guarantor is positive for preceding financial/ accounting year.
5. The Guarantor undertakes to provide financial support to the Bidder for executing the project/job, in case the same is awarded to the Bidder.
6. The Guarantor represents that:
 - (a) this Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Bidder.
 - (b) the liability of the Guarantor, under the Guarantee, is limited to the 100% of the order value between the Bidder and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Bidder.
 - (c) this Guarantee has been issued after due observance of the appropriate laws in force in India.
 - (d) this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of New Delhi, India.
 - (e) this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.
 - (f) the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

for and on behalf of (Parent/Ultimate Parent/ Holding Company) (Delete whichever not applicable)

Witness:

- 1.
- 2.

for and on behalf of (Bidder)

Witness:

- 1.
- 2.

PROFORMA – E

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for **Tender No.**The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section: 1 -Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
3. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section: 2 -Commitments of the Bidder/Contractor

(1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any

information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 -Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract or as mentioned in Section 9- Pact Duration whichever is later. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. Any issue relating to execution of contract, if specifically raised before the IEMs shall be looked into by IEMs.

Section 4 -Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit / Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to Security Deposit / Performance Bank Guarantee.

3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

1. The Principal will enter into Pacts on identical terms with all bidders and contractors.
2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section: 8 -External Independent Monitor/Monitors

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.
3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.
6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.
7. If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such

offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

Section:9 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section:10 -Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

M. B. SINGHA

.....

For the Principal

Place: Duliajan

Date: 05.08.2021

.....

For the Bidder/Contractor

Witness 1:

Witness 2:

PROFORMA - F

Format for Undertaking by Bidders towards compliance of office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020 (Public Procurement no. 1) issued by Department of Expenditure, Ministry of Finance, Govt. of India

(To be typed on the letter head of the bidder)

Ref. No _____

Date: _____

Tender No. _____ Date: _____

**OIL INDIA LIMITED
MATERIALS DEPARTMENT,
DULIAJAN, ASSAM, INDIA**

Dear Sirs,

We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; We certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. We hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [Where evidence of valid registration by the Competent Authority shall be attached.]”

We also agree that, during any stage of the tender/contract agreement, in case the above information/documents submitted by us are found to be false, Oil India Limited has the right to immediately reject our bid/terminate contract at any stage and carry out further legal action on us in accordance with law.

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)

Note : This form should be returned along with offer duly signed.

ANNEXURE – IV

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

TECHNICAL SPECIFICATIONS			
Tender Clause no.		BIDDER'S RESPONSE (Complied / Not Complied/Deviation / Not Applicable)	TO BE FILLED BY THE BIDDER Relevant Location of their Bid to support the remarks/compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)
II	SCOPE OF SUPPLY/ SERVICES		
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 and non-fired vessels area. 1.2.3 To cover storage and Gas Compressor 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 designed and 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 and 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 statues (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 installation 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 with features of : 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	The supplier 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 [RS-485].		
3.0	Accessories		
3.1	Point type Gas detectors shall have integrated sensor and transmitter unit powered through 24 VDC supply.		
3.3	Gas detector housing material shall be of SS 316.		
3.4	The gas detectors shall be minimum SIL-2 certified.		
3.5	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 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 to be used in hazardous area shall 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 shall provide 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 along with their offer against this tender.		

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 along with their offer.		
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 supplied which shall be installed at the control panel inside the operator's room/control room. One Industrial grade electric external hooter alongwith flasher will also be supplied and installed in the safe area outside of operator's room/control room within each of the Oil Field installations for this purpose.		
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 Oil Field Installation 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 via MODBUS protocol [RS 485]		
13.0	Earthing System		
13.1	Installation & commissioning of the necessary Earthing system for control panel and other instruments shall be under scope of bidder. The vendor shall supply readymade maintenance free CPRI approved chemical Earthing system with 50 mm dia 3.00 Metres length corrosion free G.I. pipe Electrode and conforming to relevant Indian Standards alongwith brick earth chamber and earth pit cover. Bidder to specify technical specifications and make in his offer and quote accordingly.		
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 13 (Thirteen) Oil Field Installation within 60 KM from Duliajan, Assam (India). 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 (<i>to fit the sensing head</i>) shall be brought by the successful bidder/supplier for calibration of the sensors in each of the OIL Field installations without dismantling them. Material of construction shall be of SS316 as a minimum. Successful bidder/supplier shall ensure necessary and sufficient supply of gases for calibration of all sensing heads in all of the OIL Field Installations.		
14.2	During commissioning all required accessories and spares are to be supplied by the Successful bidder/supplier for each OIL Field Installation.		
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 aluminium strips.		
14.7	All the Gas detectors along with control system in each of the OIL Field Installation is to be calibrated on site and alarm level to be checked before putting into operation.		
14.8	The system in each installation will be considered Successfully Commissioned only after		

	successful continuous operation of the system individually for each installation in full capacity and capability without any part operation and functioning of the system for continuous 72 hours. If any breakdown or malfunctioning of the system in any form is observe during the above observation period, the starting time of observation will be reset to zero. In case the system could not function continuously due to OIL's operational problem, the starting time of observation will not be reset to zero, however, the system shall be made operational and put it under observation by the supplier to complete 72 hours once OIL's operational problem is resolved.		
14.9	NOTES FOR INSTALLATION & COMMISSIONING		
14.9.1	Bidder shall include the Installation and Commissioning charges in their quoted price.		
14.9.2	All charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam, and other expenses of the Supplier's personnel during their stay at Duliajan shall be under the Supplier's scope. In this regard, bidders may make a prior visit to OIL Field Installation at their own cost.		
14.9.3	No hot work (including all types of welding, cutting, grinding, drilling and heating) shall be permitted within the OIL Field 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, as required.		
14.9.4	The successful bidder shall carry out Work 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.		
14.9.5	The successful bidder must obtain "Entry Permit" from CISF Commandant/ Head-Security of OIL for all his workers/personnel to enable them to work inside the installations.		
14.9.6	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.		
14.9.7	CARE OF WORKS: From the commencement to completion of work, the successful bidder shall take full responsibility for the care of OIL's property, all equipment and pipelines including all temporary works and in case any damage, loss or injury shall happen to OIL's property/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.		
14.9.8	SAFETY PRACTICES:		
14.9.8.1	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.		
14.9.8.2	Stand by firefighting 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 firefighting 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		
14.9.8.3	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.		
14.9.8.4	Any compensation arising due to accident of the successful bidder's personnel while carrying out the job, will be payable by the successful bidder.		
14.9.8.5	The successful bidder shall have to report all incidents including near miss to Installation Manager/ departmental representative of the concerned department of OIL.		
14.9.8.6	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.		
14.9.8.7	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.		
14.9.8.8	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.		
14.9.8.9	<u>CLEARANCE OF SITE</u> : 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.		
14.9.8.10	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.		
14.9.8.11	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 each of the OIL Field Installation 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.		
15.2.7	Only after successful completion of SAT, the complete system shall be put under observation for 72 continuous hours for each of OIL Field Installation. During this 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. On successful completion of 72 hours of continuous operation, the Gas Detection system for that installation shall be accepted by OIL.		
16.0	Training		
16.1	Successful Bidder shall impart training to OIL's site personnel for routine operation & preventive maintenance of the Gas Detection system. The training shall be imparted at each of OIL Field Installations for minimum 1 (one) day immediately after successful acceptance of the complete system at that particular installation.		
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	Cost towards such training/demonstration is inclusive in the installation/commissioning charges.		
17.0	SPECIAL NOTES		
17.1	The supplier must provide all relevant technical catalogues, statutory certificates etc. along with their bid for on line Gas Detection System of their offered model No. for technical evaluation.		
17.2	The supplier 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 OIL Field installation) in printed form for Infrared (IR) On-Line Gas Detection System to be provided during commissioning of the system. The maintenance manual shall include 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	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 replace/repair at his own cost.		
17.8	Deviations from NIT specifications, if any, should be highlighted in the quotation.		
17.9	It will be solely supplier's responsibility (as already undertaken in supplier's offer) to ensure availability of 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.		
17.10	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 bidders and should be included in their quoted price.		
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 successful bidder/supplier'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 intimation of such failure. However, if party do 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 making the system operational.		
18.4	During warranty, if required, Party shall have to calibrate the detector(s) at their own arrangement.		
19.0	Delivery		
19.1	The successful bidder/supplier shall pack and deliver all equipment/items and accessories in separate lots for each of OIL Field Installation. These packed lots shall be clearly marked for site wise deployment for ease of identification and subsequent logistic transportation at the		

	time of installation and commissioning. The equipment/items and accessories shall be packed in robust cartoons so as to avoid damage in transit and for safe storage before/during installation and commissioning.		
19.2	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 & Commissioning. The first part supply of items has to be completed within 180 days from issue of Purchase Order (PO) and the second part Installation and Commissioning has to be completed within 90 days from issue of site clearance by OIL. The Bidder needs to provide a tentative project schedule along with bid. Successful bidder required to submit their project execution plan (<i>Details of each tasks pertaining to parts procurement, assembly, testing and function test at works, delivery and shipment schedule</i>) immediately after awarding of PO. This should also include submission of drawings/design calculations for OIL's approval and deputation of engineer/technicians for installation, commissioning, testing and final acceptance test at site including training.		
19.3	The supplied materials including electronic/instruments/cables are required to be stored properly until installation, commissioning, testing and final acceptance of the complete packages. OIL shall provide free space to the bidder for arranging proper storage facilities. For any Damage/pilferage due to poor storage, OIL shall not be responsible for the same.		
20.0	GENERAL 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. Bidders are requested to visit the sites prior to submission of their bid so that the exact requirements for items such as Cables, Cable Tray, Junction Box, Cable Gland etc. of the tender could be ascertained and quote accordingly. Tentative requirement is provided in the Annexure – II (Bill of Materials).		
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/equipments.		
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 (Western) 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	<u>Point Type Infrared Gas Detector:</u> <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 50Deg 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 (Exd) 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	<u>Hooter:</u> <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. 		

	<ul style="list-style-type: none"> 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	<p><u>Flasher:</u></p> <ul style="list-style-type: none"> 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)	<p><u>CONDUCTOR:</u></p> <p>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>		
(ii)	<p><u>INSULATION:</u></p> <p>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 Degree C</p>		
(iii)	<p><u>ARMOURING:</u></p> <p>Material: Galvanized steel</p>		

	Magnetic/Non Magnetic: Magnetic Round wire/ Flat strip: Round wire		
(iv)	<u>SHIELDING:</u> 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)	<u>OUTER SHEATH:</u> Material: Flame retardant PVC Thickness (Min.): 2.03 mm Colour: Black		
(vi)	<u>SIZE:</u> Outer diameter: Not more than 18 mm		
B	24 core Armoured Signal cable:		
(i)	<u>CONDUCTOR:</u> Material: Tinned copper Cross-sectional area of each core: 1.5 mm ² 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)	<u>INSULATION:</u> 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 Degree C		
(iii)	<u>ARMOURING:</u> Material: Galvanized steel Magnetic/Non Magnetic: Magnetic Round wire/ Flat strip: Round wire		

(iv)	<p><u>SHIELDING:</u></p> <p>Material: Mylar backed Aluminium foil</p> <p>Thickness: 0.0635 mm (63 Micron)</p> <p>Drain wire (for shield Continuity): Required</p> <p>Material of Drain wire: Tinned copper</p> <p>Shielding of individual cores: Not required</p> <p>Overall shielding: Aluminium Mylar screen</p>		
(v)	<p><u>OUTER SHEATH:</u></p> <p>Material: Flame retardant PVC</p> <p>Thickness (Min.): 2.03 mm</p> <p>Colour: Black</p>		
(vi)	<p><u>SIZE:</u></p> <p>Outer diameter: Not more than 28 mm</p>		
	<p><u>NOTE:</u></p> <p><i>For cables: Length of the cables indicated in the tender (BOM) is approximate only. Bidders are requested to visit the sites prior to submission of their bid so that the exact requirement of the cables could be ascertained and quote accordingly.</i></p>		
C	<p><u>Cable tray:</u></p> <ul style="list-style-type: none"> i. Type: Perforated, hot dip galvanized 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	<p><u>Cable Gland:</u></p> <ul style="list-style-type: none"> 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	<p><u>Junction Box:</u></p> <ul style="list-style-type: none"> i. Material of JB: Cast Aluminum Alloy (LM6) 		

	<ul style="list-style-type: none"> 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 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. ¾ " 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. 		
21.6	<u>Control System</u> : The Control system should consist of the following (to be installed in operators' Room /control room which is located in non-hazardous area):		
A	<u>Controller</u> : <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: vi. Analog inputs: As per site requirement vii. Digital Inputs: As per site requirement viii. Outputs: ix. Digital Outputs: As per site requirement x. Controller should have provision of expandable I/O xi. I/O port: Modbus over TCP/IP and RS 485 xii. Diagnostics: Continuous on line xiii. HMI/ DISPLAY: Minimum 10 inch (Touch Screen) to be mounting in the panel. xiv. EMI/ RFI: No Interference xv. Earthing: Required for the entire control panel as per standard. xvi. Terminal Details: All wiring details inside the panel should be ferruled, numbered and details documentation should be submitted to OIL. xvii. Also, hardware details such as processor architecture, programming and all electronic modules should be submitted to OIL in a hard bound document. xviii. Operating Temperature: 5 Deg C to 50 Deg C 		

B	<p><u>Control Panel:</u></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) vii. Power Supply Unit should be capable of providing power supply to all channel cards, sensors and alarm hooter. viii. Channel Cards: As per site requirement and must have provision for future expansion. ix. 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. x. Input Signal : 4-20 mA loop current @ 24 V DC xi. Display : 10 inch touch screen display as indicated in A above. xii. Relay Contact Rating: Solid state relay contact rating; 5 A @ 24 V DC xiii. 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 xiv. Terminal Block: Modular Terminal Block that allows disassembly without removal of individual wires. 		
21.7	<p><u>UPS:</u></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± 5Hz. ii. Battery: Maintenance free. 		
22.0	Annual Maintenance Contract (AMC)		
22.1	OIL reserves the right to enter into an Annual Maintenance Contract for three (3) years for all On-Line Gas Detection System supplied, installed & commissioned against this tender. Accordingly, bidder shall quote the AMC charges year wise separately as per provision provided in GeM portal.		
22.2	Annual Maintenance will start after successful completion of warranty period.		
22.3	<p>Two nos. of Preventive maintenance (PM) should be carried out in a year (half yearly) by the supplier. During PM, supplier shall carryout 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 –</p> <ul style="list-style-type: none"> i. Pressure Regulator 		

	<ul style="list-style-type: none"> ii. Calibration Adapter iii. Hose, Flow meter iv. Carrying case v. Methane Cylinder vi. Zero Gas Cylinder <p>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.)</p>		
22.4	Successful bidder shall carry out breakdown maintenance as and when required basis as intimated by OIL on free of cost basis.		
22.5	In case successful bidder could not rectify breakdown fault within 72 hours of reporting, 1% of AMC charge shall be deducted per day basis.		
22.6	Successful bidder shall bear the expenses for transportation, boarding, lodging, medical etc. for their personnel.		
22.7	Successful bidder to provide necessary PPE for their personnel.		
22.8	Successful bidder shall provide necessary tool, test equipment etc. for carrying out both preventive and breakdown maintenance of the system.		
22.9	Master Instrument used for calibration should have certification from an accreditation body of National/International repute.		
22.10	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.		
22.11	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.		
22.12	Charges for the Annual Maintenance Contract, after completion of the initial warranty period, up to 3 (three) years with year wise break up, must be quoted separately as per provision available in GeM portal, which shall be considered for evaluation of offers.		
22.13	While quoting 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		
22.14	For the AMC contract, OIL's General Conditions of Contracts (ANNEXURE – VI) shall be applicable. Bidder to comply with the same while submitting their bid.		

23.0	BILL OF MATERIALS (BOM)		
23.1	Tentative BOM is enclosed as ANNEXURE – II . However, any additional requirement, if found necessary to make the system functional and fulfil its purpose, bidder has to supply the same without any extra cost to OIL. Bidders are requested to visit the sites prior to submission of their bid so that the exact requirement is ascertained		

ANNEXURE – V

BID EVALUATION MATRIX (BRC) (TO BE FILLED IN BY BIDDER DULY SIGNED)			
Srl. No.		BIDDER'S RESPONSE (Complied / Not Complied/Deviation / Not Applicable)	TO BE FILLED BY THE BIDDER Relevant Location of their Bid to support the remarks/compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)
A1	TECHNICAL:		
1.0	BIDDERS' QUALIFYING CRITERIA		
1.1	<p>The bidder shall be an Original Equipment Manufacturer (OEM) of the tendered item(s).</p> <p style="text-align: center;">OR</p> <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 PROFORMA – A. 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	BIDDERS' EXPERIENCE		
2.1	IN CASE THE BIDDER IS A MANUFACTURER (OEM)		
2.1.1	<p><u>OEM PROPOSING FOR SUPPLY AND SERVICES BY THEMSELVES</u></p> <p>The OEM must have experience of successfully executing (<i>either by themselves or through any Sole Selling Agent/Dealer/ Distributor/ Supply House</i>) atleast One (1) order for supply, installation & commissioning of On-line Gas Monitoring System of value not less than Rs. 2,84,42,005.22 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</p>		

	as per Para 2.3.		
2.1.2	OEM PROPOSING FOR SUPPLY BY THEMSELVES AND SERVICES BY THEIR AUTHORIZED SERVICE PROVIDER/ DISTRIBUTOR/SOLE SELLING AGENT/SUPPLY HOUSE		
A	The OEM must have experience of successfully executing <i>(either by themselves or through any Sole Selling Agent/Dealer/ Distributor/Supply House)</i> atleast One (1) order for supply of On-line Gas Monitoring System of value not less than Rs. 2,84,42,005.22 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.		
B	The OEM authorized service provider/distributor/sole selling agent/supply house must have experience of successfully executing atleast One (1) order for installation & commissioning of On-line Gas Monitoring System of supply order value not less than Rs. 2,84,42,005.22 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)	Their proposed OEM must satisfy Clause No. 2.1.2 (A).		
(ii)	Additionally, the Bidder as a Sole Selling Agent/Dealer/Distributor/Supply House must have experience of successfully executing atleast One (1) order for supply, installation & commissioning of Online Gas Monitoring System of value not less than Rs. 2,84,42,005.22 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.		
2.3	NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA		
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 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>		

	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.		
2.3.5	The Purchase order(s)/contract (s) must bear the Purchase order number(s)/Contract number(s) which clearly indicate the scope of work and technical specifications of the item(s).		
2.3.6	The experience of the bidder's Sister Concern/subsidiary shall not be considered for evaluation.		
2.3.7	Bidder shall quoted for all the items of the tender; otherwise, the offer shall be liable for rejection.		
3.0	DELIVERY PERIOD:		
	<p>Delivery of the materials must be completed within the 180 days from the date of issue of Purchase order. The date of receipt of all materials at site shall be considered as the date of delivery.</p> <p>Installation & Commissioning at all the installations must be completed within 90 days from the date of issue of site clearance by OIL.</p> <p>Bidder to confirm compliance of the above delivery schedule in their technical bid. Bidder quoting delivery period and installation & commission period more that the above shall be liable for rejection.</p>		
A.2	FINANCIAL		
1.0	The bidder shall have an annual financial turnover of minimum INR 4,74,03,342.04 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 should be positive for the financial/accounting year just preceding to the original bid closing date of the tender.		
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 (PROFORMA – B) that 'the balance sheet/Financial Statements for the financial year (As the case may be) has actually not been audited so far'.		

	<p>Note:</p> <p>a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-</p> <p>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 PROFORMA - C.</p> <p>OR</p> <p>ii) Audited Balance Sheet along with Profit & Loss account.</p> <p>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.</p>		
4.0	In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.		
5.0	<p>In case the Bidder is subsidiary company (should be 100% owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ultimate parent/holding company, then following documents need to be submitted:</p> <p>(i) Turnover of the parent/ultimate parent/holding company should be in line with Para A.2 (1.0) above.</p> <p>(ii) Net Worth of the parent/ultimate parent/holding company should be positive in line with Para A.2 (2.0) above</p> <p>(iii) Corporate Guarantee (PROFORMA - D) on parent/ultimate parent/holding company's company letter head signed by an authorized official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them.</p>		

	(iv) Documents to substantiate that the bidder is as 100% subsidiary of the parent/ultimate parent/holding company.		
GENERAL NOTES TO BIDDERS			
1.0	Bidders shall submit their offer mentioning pointwise compliance/noncompliance to all the terms & conditions, BEC/BRC, Specifications etc. Any deviation(s) from the tender terms & conditions, BEC/BRC, Specifications etc. should be clearly highlighted specifying justification in support of deviation.		
2.0	The Bidder to submit following Technical Evaluation Sheet & Appendices along with technical bid - Annexure -IV: Technical Evaluation Matrix (Technical Specification) Annexure - V: Bid Evaluation Matrix (Bid Rejection Criteria)		
3.0	Whether submitted Integrity Pact as per Format – E ?		
4.0	Whether quoted as MSE? If yes, whether submitted Udyam Registration Certificate ?		
5.0	Whether quoted under PPLC Policy ? If yes, whether relevant documents as per as per clause no. 5.0 under Annexure – III submitted?		
6.0	BIDDER TO CATEGORICALLY CONFIRM UNDER WHICH POLICY I.E. PP-LC OR MSME, THEY WANT TO AVAIL THE BENEFIT AND TO SUBMIT REQUISITE DOCUMENT/CERTIFICATE IN SUPPORT TO AVAIL THIS BENEFIT. THE BIDS WILL BE EVALUATED BASED ON THEIR DECLARATION.		
7.0	Whether undertaking as per Proforma – F towards “restrictions on procurement from a bidder of a country which shares a land border with India” submitted?		
8.0	Bidders shall submit their offer mentioning pointwise compliance/noncompliance to all the terms & conditions, BEC/BRC, Specifications etc. Any deviation(s) from the tender terms & conditions, BEC/BRC, Specifications etc. should be clearly highlighted specifying justification in support of deviation.		

GENERAL CONDITIONS OF CONTRACT

1.0 APPLICABILITY, DEFINITION & INTERPRETATION

1.1 Applicability

All clauses in the General Conditions of Contract [GCC] shall apply to all transactions except as otherwise stated in the Special Conditions of Contract [SCC] and/or BEC/BRC. Furthermore, in the event if there is any conflict between the Principal text of the Agreement and the Appendixes, the Principal text will prevail.

1.2 Definition & Interpretation

In the contract (as hereinafter defined) the following words and expressions shall have the meaning hereby assigned to them except where the context otherwise requires:

1.2.1 COMPANY/OIL/Operator:

Shall mean Oil India Limited [OIL] a public sector undertaking, incorporated under COMPANY's Act 1956 having its registered office at Duliajan-786602, Assam, India and includes its successor and permitted assigns.

1.2.2 CONTRACTOR:

Shall mean the person or persons, firm or COMPANY or corporation incorporated in India or abroad, who has been awarded with the contract and includes contractor's legal representatives, his successors and permitted assigns.

1.2.3 Contract:

Shall mean a written agreement between the COMPANY and the CONTRACTOR for execution of the services/works including all contract documents and subsequent amendments, if any.

1.2.4 Site:

Shall mean the place in which the operations/services are to be carried out or places approved by OIL for the purposes of the CONTRACT together with any other places designated in the CONTRACT as forming part of the site.

1.2.5 COMPANY's Site Representative/Engineer:

Shall mean the person or the persons appointed by the COMPANY from time to time to act on its behalf at the site for overall co-ordination, supervision and project management at site.

1.2.6 Sub-Contract:

Shall mean order/contract placed by the CONTRACTOR for any portion of the CONTRACT or work sublet with necessary written consent of

COMPANY on third party. Such sub-letting shall not relieve the CONTRACTOR from any obligation, duty or responsibility under the CONTRACT.

1.2.7 Sub-Contractor:

Shall mean any person or firm or COMPANY (other than CONTRACTOR) to whom any part of the work has been entrusted by CONTRACTOR, with written consent of OIL or the persons appointed by OIL, successors and permitted assigns of such persons, firm or COMPANY).

1.2.8 Contractor's Representative:

Shall mean such person/or persons duly appointed representative at the site and base as the CONTRACTOR may designate in writing to the COMPANY as having authority to act for the CONTRACTOR in matters affecting the work and to provide the requisite services.

1.2.9 Contract Price/Value:

Shall mean the sum accepted or the sum calculated in accordance with the rates accepted in tender and/or the contract rates as payable to the CONTRACTOR for the entire execution and completion of the services/works, including amendments/modification/change order issued by the COMPANY.

1.2.10 Firm price:

The prices will remain unchanged, except for statutory changes, during currency of the CONTRACT unless specifically agreed to in writing by COMPANY.

1.2.11 Service/Works/Operations:

Shall mean and include all items and things to be supplied/done and all work/Service to be performed by the CONTRACTOR as specified in the Scope of Work under this CONTRACT and shall also include all extra, additional, altered or substituted works/services as required for the purpose of successful execution of the Contract.

1.2.12 Equipment/Materials/Goods:

Shall mean and include any equipment, machinery, instruments, stores, goods which CONTRACTOR is required to provide to the COMPANY for/under the CONTRACT and amendments thereto.

1.2.13 Drawings:

Shall mean and include all Engineering sketches, general arrangements/layout drawings, sectional plans, all elevations, photographs, etc. related to the CONTRACT together with modification and revision thereto.

1.2.14 Specifications:

Means and includes all technical specifications, provision attached and

referred to in the tender/contract document regarding method and manner of performing the services and qualities of the service/materials to be provided under the contract and also as modified by the COMPANY/its site representative during the execution of contract in the best interest of service.

1.2.15 Engineer In-charge (EIC):

Shall mean the person designated from time to time by the COMPANY and shall include those who are expressly authorized by the COMPANY to act for and on its behalf for operation of the contract.

1.2.16 Inspectors:

Shall mean any person or outside Agency nominated by COMPANY to inspect equipment, materials and services, if any, in the CONTRACT (stage wise as well as final) as per the terms of the CONTRACT.

1.2.17 Tests:

Shall mean such process or processes to be carried out by the CONTRACTOR as are prescribed in the CONTRACT, considered necessary by the COMPANY or their representative to ascertain quality, workmanship, performance and efficiency of equipment or services thereof.

1.2.18 Approval:

Shall mean and include the written consent duly signed by COMPANY or their authorized official in respect of all documents, drawings or other particulars in relation to the CONTRACT.

1.2.19 Day:

Shall mean a calendar day of twenty –four (24) consecutive hours beginning at 00:00 hours with reference to local time at the site.

1.2.20 Month:

Shall mean a calendar month as per Gregorian calendar.

1.2.21 Year:

Shall mean calendar year as per Gregorian calendar.

1.2.22 Working day:

Means any day which is not declared to be holiday by the COMPANY.

1.2.23 Bid/offer:

Shall mean the proposal/Offer along with supporting documents submitted by the bidder in response to the tender or enquiry in accordance with the terms of Tender or Enquiry, for consideration by COMPANY, prior to award of contract.

- 1.2.24 Guarantee:**
Shall mean the period and other conditions governing the warranty/guarantee of the services as provided in the CONTRACT.
- 1.2.25 Mobilization:**
Shall mean rendering the equipment fully manned and equipped as per CONTRACT and ready to begin work at site designated by the COMPANY and accepted by the COMPANY after inspection.
- 1.2.26 De-mobilization:**
Shall mean the removal of all items forming part of the mobilization from the site of the COMPANY and inspection and acceptance thereafter by the COMPANY including compliance of requirement in relation to re-export of imported equipment/materials under concessional duty scheme in accordance with relevant notification from Customs Authorities.
- 1.2.27 Willful Misconduct:**
Shall mean intentional disregard of good and prudent standards of performance or proper conduct under the Contract with knowledge that it is likely to result in any injury to any person or persons or loss or damage of property of the Company or Third Party.
- 1.2.28 Gross Negligence:**
Shall mean any act or failure to act (whether sole, joint or concurrent) by a person or entity which was intended to cause, or which was in reckless disregard of or unjustifiable indifference to, avoidable and harmful consequences such person or entity knew, or should have known, would result from such act or failure to act. Notwithstanding the foregoing, Gross negligence shall not include any action taken in good faith for the safeguard of life or property.
- 1.2.29 Criminal Negligence:**
Shall mean that the crime happened negligently, there was duty of care upon the Person but inadvertently due to his negligence, the duty was breached, which causes harm to the people in the form of death or serious injury.
- 1.2.30 GST Legislations:**
'GST legislations' means 'any or all of the following legislations as may be applicable to the CONTRACTOR and OIL:
- (A) The Central Goods & Services Tax Act, 2017;
 - (B) The Integrated Goods & Services Act, 2017;
 - (C) The Union Territory Goods & Services Tax Act, 2017;
 - (D) The respective State Goods & Service Tax Acts'
 - (E) The Goods and Services (Compensation to States) Act, 2017

- (F) The Customs Act and the Customs Tariff Act.
- (G) Any other applicable Act related to GST

2.0 CONTRACT DOCUMENT:

2.1 Governing language: The governing language for the CONTRACT shall be English. All CONTRACT documents and all correspondence and communication to be given and all other documentation to be prepared and supplied under the CONTRACT shall be written in English and the CONTRACT shall be construed and interpreted in accordance with English language.

2.2 Entire Agreement: The CONTRACT constitutes the entire agreement between OIL and the CONTRACTOR with respect to the subject matter of the CONTRACT and supersedes all communication, negotiations and agreement (whether written or oral) of the parties with respect thereto made prior to the date of this agreement, unless such communication(s) expressly forms part of the contract or included by reference.

2.3 Amendment in CONTRACT: No Amendment of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto. OIL shall not be bound by any printed conditions, provisions in the CONTRACTOR's BID, forms of acknowledgement of CONTRACT, invoice and other documents which purport to impose any condition at variance with or supplement to CONTRACT.

3.0 WAIVERS AND AMENDMENTS:

3.1 Waivers: It is fully understood and agreed that none of the terms and conditions of this contract shall be deemed waived by either party unless such waiver is executed in writing only by the duly authorized representatives of both the parties. The failure of either party to execute any right shall not act as a waiver of such right by such party.

3.2 Change Program: It is agreed that CONTRACTOR shall carry out work in accordance with the completion program (e.g. Drilling Programme) to be furnished by the COMPANY, which may be changed from time to time by reasonable modifications in the program as COMPANY sees fit. COMPANY's instruction in this regard shall be final and binding.

4.0 CONTRACT TIMELINE:

4.1 Effective Date of Contract:

The contract shall become effective as of the date COMPANY notifies the CONTRACTOR in writing that it has been awarded the contract. This date of issuance of Letter of Award (LOA) by the COMPANY will be the effective

date of contract. All terms and conditions of the contract shall come into force with the date of issuance of LOA.

4.2 Date of Commencement of Operation:

The date on which the mobilization is completed in all respects and CONTRACTOR is ready to commence operation as per the contract provision [Certified by the COMPANY's representative] will be treated as the date of Commencement of Operation.

4.3 Duration of the contract:

The contract shall be valid for a period as defined in the LOA and Special Conditions of Contract [SCC].

5.0 SCOPE OF WORK/CONTRACT:

Scope of the CONTRACT shall be as defined in the CONTRACT, specifications, drawings and Appendices.

6.0 GENERAL OBLIGATION OF CONTRACTOR:

CONTRACTOR shall, in accordance with and subject to the terms and conditions of this Contract:

6.1 Perform the work described in the Terms of Reference/Scope of Work. The CONTRACTOR shall execute the work with professional competence and in an efficient and workman like manner.

6.2 Except as otherwise provided in the Terms of Reference and the special Conditions of the contract, employ all labours/personnel as required to perform the work.

6.3 Perform all other obligations, work and services which are required by the terms of this contract or which reasonably can be implied from such terms as being necessary for the successful and timely completion of the work.

6.4 Comply with all applicable statutory obligations specified in the contract.

6.5 CONTRACTOR shall be deemed to have satisfied himself before submitting their bid as to the correctness and sufficiency of its bid for the services required and of the rates and prices quoted, which rates and prices shall, except insofar as otherwise provided, cover all its obligations under the contract.

6.6 CONTRACTOR shall be deemed, prior to submitting their bids, to have satisfied themselves about the weather conditions, working culture in the area, socio-political environment, safety & security aspects, law & order situation and law of the land, and obtain for themselves all necessary information as to the risks, contingencies and all other circumstances, which may influence or affect the various obligations under the Contract.

6.7 CONTRACTOR shall give or provide all necessary supervision during the performance of the services and as long thereafter within the warranty period as COMPANY may consider necessary for the proper fulfilling of CONTRACTOR's obligations under the contract.

7.0 GENERAL OBLIGATION OF COMPANY:

COMPANY shall, in accordance with and subject to the terms and conditions of this contract:

7.1 Pay CONTRACTOR in accordance with terms and conditions of the contract.

7.2 Allow CONTRACTOR access, subject to normal security and safety procedures, to all areas as required for orderly performance of the work as specified in the Scope of Works of the contract or work connected therewith.

7.3 Perform all other obligations required of COMPANY by the terms of this contract.

8.0 DUTIES AND POWER/AUTHORITY:

8.1 OIL's site representative/engineer:

The duties and authorities of OIL's site representative/engineer are to act on behalf of OIL for:

- (a) Overall supervision, co-ordination and Project Management at site.
- (b) Proper and optimum utilization of equipment and services.
- (c) Monitoring of performance and progress
- (d) Commenting/countersigning on reports made by the CONTRACTOR's representative at site in respect of works, receipts, consumption etc. after satisfying himself with the facts of the respective cases.
- (e) He shall have the authority, but not obligation at all times and any time to inspect/test/examine/verify any equipment machinery, instruments, tools, materials, personnel, procedures and reports etc. directly or indirectly pertaining to the execution of the work. However this shall not construe to imply an acceptance by the inspector. Hence, the overall responsibility of quality of work shall rest solely with the CONTRACTOR.
- (f) Each and every document emerging from site in support of any claim by the CONTRACTOR has to have the

countersignature/comments of the OIL's representative/engineer without which no claim shall be entertained by the OIL.

8.2 CONTRACTOR's representative:

- (a) The CONTRACTOR's representative shall have all the powers requisite for the performance of the Service/Works, subject to holding due authorization from the CONTRACTOR.
- (b) Representative(s) shall liaise with OIL's representative/engineer for the proper co-ordination and timely completion of the works and on any matter pertaining to the works.
- (c) Representative(s) shall extend full co-operation to OIL's representative/inspector/engineer in the manner required by them for supervision/inspection/observation of equipment, material, procedures, performance, reports and records pertaining to works.
- (d) To have complete charge of CONTRACTOR's personnel engaged in the performance of the work and to ensure compliance of rules and regulations and safety practice.

9.0 Personnel to be deployed by contractor:

CONTRACTOR warrants that it shall provide competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently.

9.1 The CONTRACTOR should ensure that their personnel observe all statutory safety requirement including those prescribed by the COMPANY. Upon COMPANY's written request, CONTRACTOR, entirely at its own expense, shall remove immediately any personnel of the CONTRACTOR determined by the COMPANY to be unsuitable and shall promptly replace such personnel with personnel acceptable to the COMPANY. Replacement personnel should be mobilized within 15 days from the date of issuance of notice without affecting the operation of the COMPANY.

9.2 The CONTRACTOR shall be solely responsible throughout the period of the contract for providing all requirements of their personnel including but not limited to, their transportation to & fro from Duliajan/field site, enroute/ local boarding, lodging, personal protective gear & medical attention etc. COMPANY shall have no responsibility or liability in this regard.

9.3 However, COMPANY shall provide available medical assistance/facilities to CONTRACTOR's Personnel in case of emergency at its own establishment on chargeable basis.

9.4 CONTRACTOR's key personnel shall be fluent in English language (both writing and speaking).

10.0 PERFORMANCE SECURITY:

10.1 On receipt of notification of award from the COMPANY, the CONTRACTOR shall furnish the Performance Security to COMPANY within 15 (fifteen) days from the date of issue of LOA for an amount specified in the Forwarding Letter and Letter of Award (LOA) as per Proforma-Form and must be in the form of a Bank Draft/Cashier's cheque/Banker's cheque*/NEFT/RTGS/Electronic fund transfer to designated account of OIL# or Fixed Deposit Receipt (account OIL INDIA LIMITED) or irrevocable Bank Guarantee or irrevocable Letter of Credit (LC) from:

10.2 Any schedule Indian Bank or Any Branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank in case of domestic CONTRACTOR/service provider, or

10.3 In case of foreign CONTRACTOR/service provider, the bank guarantee can be accepted from any scheduled bank in India or from International bank who has its branch in India registered with Reserve Bank of India.

Any foreign Bank which is not a Scheduled Bank in India, provided the Bank Guarantee issued by such Bank is counter-guaranteed by any Branch situated in India of any Scheduled Bank incorporated in India.

Bank Guarantee issued by a Scheduled Bank of India at the request of some other Non-Schedule Bank of India shall not be acceptable.

10.4 Bank Guarantee issued by a Bank, amongst others, must contain the following particulars of such bank:

Full address.

Branch Code.

Code Nos. of the authorized signatory with full name and designation.

Phone Nos., Fax Nos., E-mail address.

10.5 The domestic CONTRACTOR/service provider(s) will have to submit the Bank Guarantee from any of the scheduled banks and on non-judicial stamp paper of requisite value as per the Indian Stamp Act, purchased in the name of the issuing banker.

10.6 The foreign CONTRACTOR/service provider(s) will submit the Bank Guarantee from Banks of Indian origin situated in their country. In case no such bank of Indian origin is situated in their country, the Bank Guarantee may be submitted from the bankers as specified above.

10.7 The Performance Security shall be denominated in the currency of the contract.

- 10.8** The Performance Security specified above must be valid for the entire duration of the Contract and claim period should be valid for a minimum of 03 (three) months beyond the contract period. The Performance Security will be discharged by COMPANY not later than 30 days following its expiry of claim period. In the event of any extension of the Contract period, Bank Guarantee should be extended by CONTRACTOR by the period equivalent to the extended period.
- 10.9** The Performance Security shall be encashed by COMPANY on account of CONTRACTOR's failure to fulfil its obligations under the Contract and/or non-performance/un-satisfactory of the Contractor. Company shall not be required to proof any loss or damage on account of Contractor's non-performance/un-satisfactory performance.
- 10.10** The Performance Security will not accrue any interest during its period of validity or extended validity.
- 10.11** Failure of the successful Bidder to comply with the requirements of clause 10.0 shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security. In such an eventuality, action will be initiated as per the Banning Policy of OIL in vogue.

#Subject to credit in OIL's account within prescribed time

*The validity of Bank Draft/Cashier's/Banker's cheque (as applicable) should not be less than 3 months.

In the event CONTRACTOR fails to honour any of the commitments entered into under this agreement, and/or in the event of termination of the contract under provisions of Integrity Pact and/or in respect of any amount due from the CONTRACTOR to OIL, OIL shall have unconditional option under the guarantee to invoke the above bank guarantee and claim the amount from the bank. The bank shall be obliged to pay the amount to OIL on demand.

11.0 SIGNING OF CONTRACT:

- 11.1** The successful bidder is required to sign a formal detailed contract with OIL within a maximum period of 60 days of date of LOA. Until the contract is signed, the LOA as well as GCC & SCC as prescribed in the Tender, shall remain binding amongst the two parties. In the event of failure on the part of the successful Bidder to sign the contract, OIL reserves the right to terminate the LOA issued to the successful Bidder and invoke the Bid Security or the Performance Security if submitted by the successful Bidder. Such CONTRACTOR shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].

12.0 CLAIMS, TAXES & DUTIES:

12.1 Claims:

CONTRACTOR agrees to pay all claims, taxes and fees for equipment, labour, materials, services and supplies to be furnished by it hereunder and agrees to allow no lien or charge resulting from such claims to be fixed upon any property of COMPANY. COMPANY may, at its option, pay and discharge any liens or overdue charges for CONTRACTOR's equipment, labour, materials, services and supplies under this CONTRACT and may thereupon deduct the amount or amounts so paid from any sum due, or thereafter become due, to CONTRACTOR hereunder.

12.2 Notice of claims:

CONTRACTOR or COMPANY, as the case may be, shall promptly give the other, notice in writing of any claim made or proceeding commenced for which that party is entitled to indemnification under the CONTRACT. Each party shall confer with the other concerning the defense of any such claims or proceeding, shall permit the other to be represented by counsel in defense thereof, and shall not affect settlement of or compromise any such claim or proceeding without the other's written consent.

12.3 Taxes:

12.3.1 CONTRACTOR, unless specified otherwise in the CONTRACT, shall bear all tax liabilities, duties, Govt. levies etc. including GST and customs duty, Corporate and personnel taxes levied or imposed on the CONTRACTOR on account of payments received by it from the COMPANY for the work done under this CONTRACT. It shall be the responsibility of CONTRACTOR to submit to the concerned Indian authorities, the returns and all other concerned documents required for this purpose and to comply in all respects with the requirements of the laws in this regard, in time.

12.3.2 Tax levied on CONTRACTOR as per the provisions of Indian Income Tax Act and any other enactment/rules on income derived/payments received under the contract will be on CONTRACTOR's account.

12.3.3 CONTRACTOR shall be responsible for payment of personal taxes, if any, for all the personnel deployed in India by CONTRACTOR.

12.3.4 The CONTRACTOR shall furnish to the COMPANY, if and when called upon to do so, relevant statement of accounts or any other information pertaining to work done under the contract for submitting the same to the Tax authorities, on specific request from them in accordance with provisions under the law. CONTRACTOR shall be responsible for preparing and filing the return of income etc. within the prescribed time limit to the appropriate authority.

- 12.3.5** Prior to start of operations under the contract, the CONTRACTOR shall furnish the COMPANY with the necessary documents, as asked for by the COMPANY and/or any other information pertaining to the contract, which may be required to be submitted to the Income Tax authorities at the time of obtaining "No Objection Certificate" for releasing payments to the CONTRACTOR.
- 12.3.6** Corporate income tax will be deducted at source from the invoice at the specified rate of income tax as per the provisions of Indian Income Tax Act as may be in force from time to time and COMPANY will issue TDS Certificate to the CONTRACTOR as per the provisions of Income Tax Act.
- 12.3.7** Corporate and personnel taxes on CONTRACTOR shall be the liability of the CONTRACTOR and the COMPANY shall not assume any responsibility on this account.
- 12.3.8** All local taxes, levies and duties, sales tax, octroi, etc. on purchases and sales made by CONTRACTOR shall be borne by the CONTRACTOR.
- 12.3.9** CONTRACTOR shall provide all the necessary compliances/invoice/documents for enabling OIL to avail Input tax credit benefits in respect of the payments of GST which are payable against the CONTRACT. The CONTRACTOR should provide tax invoice issued under GST legislations for the goods and Services (indicating GST). Payment towards the components of GST shall be released by OIL only against appropriate documents i.e.: Tax Invoice/Bill of entry for availing input tax credit (as applicable).
- 12.3.10** The tax invoices as per above provisions should contain all the particulars as required under the invoicing rules under the GST legislations, including, but not limited to the following:
- (i) Name, Address and the GST Registration Number (under the relevant Tax Rules) of the Service Provider (CONTRACTOR).
 - (ii) Name and Address and GST Registration Number of the Service Receiver (Address of OIL).
 - (iii) Description, Classification and Value of taxable service/goods and the amount of applicable tax (CGST, SGST, IGST, UTGST and cess).
- 12.3.11** In case of imported goods, CONTRACTOR/supplier is required to provide original Bill of Entry or copy of Bill of Entry duly attested by Custom authority.
- 12.3.12** The CONTRACTOR should mention the Place of supply in the invoice raised under GST Law.

- 12.3.13** OIL would not accept any invoice without its GSTIN mentioned on the invoice

Note: *CONTRACTOR who is under composition levy of the GST legislation would raise Bill of supply instead of Tax invoice, which will have GSTIN of supplier as well as OIL.*

12.4 Goods and Services Tax:

- 12.4.1 “GST” shall mean Goods and Services Tax charged on the supply of material(s) and services. The term “GST” shall be construed to include the Integrated Goods and Services Tax (hereinafter referred to as “IGST”) or Central Goods and Services Tax (hereinafter referred to as “CGST”) or State Goods and Services Tax (hereinafter referred to as “SGST”) or Union Territory Goods and Services Tax (hereinafter referred to as “UTGST”) depending upon the import/ interstate or intrastate supplies, as the case may be. It shall also mean GST compensation Cess, if applicable.
- 12.4.2 Where the OIL is entitled to avail the input tax credit of GST:
- OIL will reimburse the GST to the Supplier of Goods/Services (Service Provider) at actual against submission of Invoices as per format specified in rules/regulation of GST to enable OIL to claim input tax credit of GST paid. In case of any variation in the executed quantities, the amount on which the GST is applicable shall be modified in same proportion. Returns and details required to be filled under GST laws & rules should be timely filed by supplier with requisite details.
- 12.4.3 Where the OIL is not entitled to avail/take the full input tax credit of GST:
- OIL will reimburse GST to the Supplier of Goods/Services (Service Provider) at actual against submission of Invoices as per format specified in rules/ regulation of GST subject to the ceiling amount of GST as quoted by the bidder. In case of any variation in the executed quantities (If directed and/or certified by the In-Charge) the ceiling amount on which GST is applicable will be modified on pro-rata basis.
- 12.4.4 The CONTRACTOR will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the CONTRACTOR shall avail and pass on benefits of all exemptions/concessions available under tax laws. Any error of interpretation of applicability of taxes/duties by the CONTRACTOR shall be to CONTRACTOR’s account.
- 12.4.5 In case of statutory variation in GST, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods/Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision.

- 12.4.6 Beyond the contract period, in case OIL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the contractual delivery period shall be to Service provider's account whereas any decrease in the rate GST shall be passed on to the OIL.
- 12.4.7 Beyond the contract period, in case OIL is entitled for input tax credit of GST, then statutory variation in applicable GST on supply and on incidental services, shall be to OIL's account.
- 12.4.8 Claim for payment of GST/Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) GST, otherwise claim in respect of above shall not be entertained for payment of arrears.
- 12.4.9 The base date for the purpose of applying statutory variation shall be the Bid Opening Date.
- 12.4.10 The CONTRACTOR will be liable to ensure to have registered with the respective tax authorities, wherever applicable and to submit self-attested copy of such registration certificate(s) and the CONTRACTOR will be responsible for procurement of material in its own registration (GSTIN) and also to issue its own Road Permit/E-way Bill, if applicable etc.

12.5 Anti-profiteering clause

- 12.5.1 As per Clause 171 of GST Act it is mandatory to pass on the benefit due to reduction in rate of tax or from input tax credit to the consumer by way of commensurate reduction in prices.
- 12.5.2 In case rating of Contractor is negative/black listed after award of work for supply of goods/services, then OIL shall not be obligated or liable to pay or reimburse GST to such vendor/Contractor and shall also be entitled to deduct/recover such GST along with all penalties/interest, if any, incurred by OIL.

13.0 CUSTOMS DUTY, IF APPLICABLE:

- 13.1.1 CONTRACTOR shall be responsible to import the equipment/tools/spares/consumables etc. required for execution of the contract. The CONTRACTOR shall undertake to complete all the formalities as required under the Customs Act/Foreign Trade Policy (FTP) and indemnify OIL from all the liabilities of Customs in this regard.
- 13.1.2 CONTRACTOR will be solely responsible for payment of all applicable Customs Duty and to comply all Rules and Regulations. Total Contract Price/Value is inclusive of all Customs Duty, if not mentioned otherwise elsewhere in the Contract.
- 13.1.3 Above clause is to be read with Customs Duty Clause in SCC, if any.

14.0 INSURANCE:

14.1 CONTRACTOR shall at his own expense arrange secure and maintain insurance with reputed insurance companies to the satisfaction of the Company as follows:

Contractor at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works in progress from time to time and the interest of Company against all risks as detailed herein. The form and the limit of such insurance, as defined here in together with the under works thereof in each case should be as acceptable to the Company. However, irrespective of work acceptance the responsibility to maintain adequate insurance coverage at all times during the period of Contract shall be that of Contractor alone. Contractor's failure in this regard shall not relieve him of any of his responsibilities & obligations under Contract. All costs on account of insurance liabilities covered under Contract will be to Contractor's account and will be included in Value of Contract. However, the Company may from time to time, during the currency of the Contract, ask the Contractor in writing to limit the insurance coverage risk and in such a case, the parties to the Contract will agree for a mutual settlement, for reduction in value of Contract to the extent of reduced premium amounts. Contractor shall cover insurance with Indian Insurance Companies.

14.2 Any deductible set forth in any of the above insurance shall be borne by Contractor.

14.3 CONTRACTOR shall require all of his sub-Contractor to provide such of the foregoing insurance coverage as Contractor is obliged to provide under this Contract and inform the Company about the coverage prior to the commencement of agreements with its sub-Contractors.

14.4 All insurance taken out by Contractor or their sub-contractor shall be endorsed to provide that the underwriters waive their rights of recourse on the Company and to the extent of the liabilities assumed by Contractor under this Contract.

14.5 Certificate of Insurance:

Before commencing performance of the CONTRACT, CONTRACTOR shall furnish OIL with certificates of insurance indicating:

- a) Kinds and amounts of insurance as required herein
- b) Details of coverage
- c) Insurance corporation or companies carrying the aforesaid coverage
- d) Effective and expiry dates of policies

- e) That OIL shall be given thirty (30) days written advance notice of any material change in the policy
- f) Waiver of subrogation endorsement has been attached to all policies and
- g) The territorial limits of all policies.

14.6 Contractor shall also inform the Company at least 60 days in advance regarding the expiry cancellation and/or changes in any of such documents & ensure revalidation/renewal, etc., as may be necessary well in time.

14.7 If any of the above policy expire or/are cancelled during the term of this CONTRACT and CONTRACTOR fails for any reason to renew such policies, OIL in no case shall be liable for any loss/damage occurred during the term when the policy is not effective. Furthermore, a penal interest @1% of the Total contract value shall be charged towards not fulfilling of the contractual obligations. Notwithstanding above, should there be a lapse in any insurance required to be taken by the Contractor for any reason whatsoever, loss/damage claims resulting therefrom shall be to the sole account of Contractor.

14.8 Contractor on demand from Company shall furnish the Insurance Policy having detail terms and conditions, with respect to any Certificate of Insurance submitted to the Company.

CONTRACTOR shall, at his own expense, arrange appropriate comprehensive insurance to cover all risks assumed by the CONTRACTOR under this CONTRACT in respect of CONTRACTOR's equipment, tools and any other belongings of the CONTRACTOR and its personnel as well deputed under this CONTRACT during the entire period of their engagement in connection with this CONTRACT including extensions if any. The CONTRACTOR shall also carry adequate insurance cover against damage/loss to third party person/property. OIL will have no liability on this account.

14.9 Principal Assured

The following are to be included as Principal Assured(s) in the Insurance Policies (except in case of Workmen's Compensation/Employer's Liability insurance):

"Oil India Limited, and CONTRACTOR's name (as appearing in the Contract /LOA)".

14.10 Waiver of subrogation:

All insurance policies of the CONTRACTOR with respect to the operations conducted hereunder as set forth in clauses hereof, shall be endorsed by the underwriter in accordance with the following policy wording:

“The insurers hereby waive their rights of subrogation against Oil India Limited or any of their employees or their affiliates and assignees”.

14.11 Deductible:

The CONTRACTOR shall take policy with minimum deductible as per IRDA prescribed for the policy(ies). That portion of any loss not covered by insurance provided for in this article solely by reason of deductible provision in such insurance policies shall be to the account of the CONTRACTOR.

14.12 Compliance with Sec 25(1), of “The General Insurance Business (Nationalization) Act 1972”

Section 25(1) of “The General Insurance Business (Nationalization) Act 1972” is reproduced below:

“No person shall take out or renew any policy of insurance in respect of any property in India or any ship or other vessel or aircraft registered in India with an insurer whose principal place of business is outside India save with the prior permission of the Central Government”.

The above requirement of aforesaid Act needs to be complied with by the CONTRACTOR wherever the aforesaid provisions of Act apply, and compliance confirmations submitted.

14.13 Loss Payee Clause:

The Insurance Policies should mention the following in Loss Payee Clause: “In respect of Insurance claims in which OIL’s interest is involved, written consent of OIL will be required”.

14.14 On account payment to OIL in case of claim

In case any loss or damage happen and where OIL’s interest is involved, OIL reserves the right to recover the loss amount from the CONTRACTOR prior to final settlement of the claim.

14.15 CONTRACTOR shall require all of its SUB-CONTRACTORS to provide such of the foregoing insurance cover as the CONTRACTOR is obligated to provide under this CONTRACT.

14.16 CONTRACTOR shall at all time during the currency of the contract provide, pay for and maintain the following insurance amongst others:

- i) **Workman Compensation and/Employers’ Liability Insurance:**
Workmen's compensation and employer's liability insurance as required by the laws of the country of origin of the employee.

- ii) **Commercial General Liability Insurance:** Commercial General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of CONTRACTOR required to fulfil the provisions under this Contract.
- iii) **Comprehensive General Automotive Liability:** Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits shall be governed by Indian Insurance Regulations.
- iv) **Carrier's Legal Liability Insurance:** Carrier's Legal Liability Insurance in respect of all CONTRACTOR's items to be transported by the CONTRACTOR to the site of work, for physical loss or destruction of or damage to goods or merchandise, while in transit.
- v) **Public Liability Act Policy:** Public Liability Act Policy covering the statutory liability arising out of accidents occurring during the currency of the contract due to handling hazardous substances as provided in the Public Liability Insurance Act 1991 and the Rules framed there under.
- vi) **Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY):** CONTRACTOR shall, ensure that all his/its personnel deployed under this contract have obtained additional insurance coverage under the Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) through the participating banks and submit the proof of such insurance coverage to the satisfaction of OIL.
- vii) CONTRACTOR's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards).
- viii) **Any other insurance policy set forth in the SCC**

Note: An undertaking by the service provider has to be mandatorily provided during the Mobilization time that they have taken all the Insurance provisions as per the contract and as the Law and Insurance Regulation.

15.0 LIABILITY:

- 15.1** Except as otherwise expressly provided herein, neither COMPANY nor its servants, agents, nominees, CONTRACTORS, or sub-CONTRACTORS shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss of or damage to the property of the CONTRACTOR and/or their CONTRACTORS or sub-CONTRACTORS, irrespective of how such loss or damage is caused and even if caused by the negligence of COMPANY and/or its servants, agent, nominees, assignees, CONTRACTORS and sub-CONTRACTORS.
- 15.2** The CONTRACTOR shall protect, defend, indemnify and hold harmless COMPANY from and against such loss or damage and any suit, claim or expense resulting there from. Neither COMPANY nor its servants, agents, nominees, assignees, CONTRACTORS, sub-CONTRACTORS shall have any liability or responsibility whatsoever for injury to, illness, or death of any employee of the CONTRACTOR and/or of its CONTRACTORS or sub-CONTRACTOR irrespective of how such injury, illness or death is caused and even if caused by the negligence of COMPANY and/or its servants, agents nominees, assignees, CONTRACTORS and sub-CONTRACTORS. CONTRACTOR shall protect, defend, indemnify and hold harmless COMPANY from and against such liabilities and any suit, claim or expense resulting there from.
- 15.3** The CONTRACTOR hereby agrees to waive its right of recourse and further agrees to cause its underwriters to waive their right of subrogation against COMPANY and/or its underwriters, servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS for loss or damage to the equipment of the CONTRACTOR and/or its sub-CONTRACTORS and/or their employees when such loss or damage or liabilities arises out of or in connection with the performance of the contract limited to the CONTRACTOR's liabilities agreed to under this Contract.
- 15.4** The CONTRACTOR hereby further agrees to waive its right of recourse and agrees to cause its underwriters to waive their right of subrogation against COMPANY and/or its underwriters, servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS for injury to, illness or death of any employee of the CONTRACTOR and of its CONTRACTORS, sub-CONTRACTORS and/or their employees when such injury, illness or death arises out of or in connection with the performance of the contract limited to the CONTRACTOR's liabilities agreed to under this Contract.
- 15.5** Except as otherwise expressly provided herein, neither CONTRACTOR nor its servants, agents, nominees, CONTRACTORS or sub-CONTRACTORS shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss or damage to the property of the COMPANY and/or their CONTRACTORS or sub-CONTRACTORS, irrespective of how such loss or damage is caused and even if caused by

the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS. The COMPANY shall protect, defend, indemnify and hold harmless CONTRACTOR from and against such loss or damage and any suit, claim or expense resulting there from.

15.6 Except as otherwise expressly provided herein, neither CONTRACTOR nor its servants, agents, nominees, assignees, CONTRACTORS, sub-CONTRACTORS shall have any liability or responsibility whatsoever to whomsoever for injury or illness, or death of any employee of the COMPANY and/or of its CONTRACTORS or sub-CONTRACTORS irrespective of how such injury, illness or death is caused and even if caused by the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS. COMPANY shall protect, defend indemnify and hold harmless CONTRACTOR from and against such liabilities and any suit, claim or expense resulting there from.

15.7 The COMPANY agrees to waive its right of recourse and further agrees to cause its underwriters to waive their right of subrogation against CONTRACTOR and/or its underwriters, servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS for loss or damage to the equipment of COMPANY and/or its CONTRACTORS or sub-CONTRACTORS when such loss or damage or liabilities arises out of or in connection with the performance of the contract.

15.8 The COMPANY hereby further agrees to waive its right of recourse and agrees to cause it underwriters to waive their right of subrogation against CONTRACTOR and/or its underwriters, servants, agents, nominees, assignees, CONTRACTORS and sub-CONTRACTORS for injury to, illness or death of any employee of the COMPANY and of its CONTRACTORS, sub-CONTRACTORS and/or their employees when such injury, illness or death arises out of or in connection with the performance of the Contract.

16.0 **LIMITATION OF LIABILITY:**

- a) Notwithstanding any other provisions herein to the contrary, except only in cases of willful misconduct and/or criminal acts and/or criminal negligence, neither the CONTRACTOR nor the COMPANY (OIL) shall be liable to the other, whether in Contract, tort, or otherwise, for any consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided however that this exclusion shall not apply to any obligation of the CONTRACTOR to pay Liquidated Damages to the COMPANY and/or COMPANY's right to forfeit the Performance Bank Guarantee(s) in terms of the contract.

- b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the CONTRACTOR in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 100% of the Contract Price (if not specified otherwise in SCC), provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the CONTRACTOR, or to any obligation of the CONTRACTOR to indemnify the COMPANY with respect to Intellectual Property Rights.
- c) COMPANY shall indemnify and keep indemnified CONTRACTOR harmless from and against any and all claims, costs, losses and liabilities in excess of the aggregate liability amount in terms of clause (b) above.

17.0 LIABILITY OF UNION GOVERNMENT OF INDIA:

It is expressly understood and agreed upon by and between CONTRACTOR and OIL INDIA LIMITED, and that OIL INDIA LIMITED is entering into this agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood and agreed that Union of India is not a party to this agreement and has no liabilities, obligations or rights, whatsoever hereunder. It is expressly understood and agreed that OIL INDIA LIMITED is an independent legal entity with power and authority to enter into contracts solely on its own behalf under the applicable laws of India and general principles of the Contract law. The bidder/CONTRACTOR expressly agrees, acknowledges and understands that OIL INDIA LIMITED is not an agent, representative or delegate of the Union of India. It is further understood and agreed that Union of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the contract. Accordingly, bidder/CONTRACTOR hereby expressly waives, releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the Union of India arising out of this contract and covenants not to sue the Union of India as to any manner, claim, cause of action or thing whatsoever arising of or under this agreement.

18.0 CONSEQUENTIAL DAMAGE:

Except as otherwise expressly provided, neither party shall be liable to the other for special, indirect or consequential damages resulting from or arising out of the contract, including but without limitation, to loss or profit or business interruptions, howsoever caused and regardless of whether such loss or damage was caused by the negligence (either sole or concurrent) of either party, its employees, agents or sub-CONTRACTORS.

19.0 RISK PURCHASE:

In the event, CONTRACTOR's failure to provide the services as per the Contractual scope, terms and conditions, COMPANY (OIL) reserves the right to hire the services from any other source at the CONTRACTOR's risk & cost and the difference in cost shall be borne by the CONTRACTOR. Further, OIL shall retain the right of forfeiture of Performance Bank Guarantee and any other action as deemed fit. In certain operational situations OIL reserves the right to take over the site including the service equipment at the risk and cost of the CONTRACTOR.

20.0 INDEMNITY AGREEMENT:

20.1 Except as provided hereof CONTRACTOR agrees to protect, defend, indemnify and hold COMPANY harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of CONTRACTOR's employees, agents, CONTRACTORS and sub-CONTRACTORS or their employees or in favour of any third party(is) on account of bodily injury or death, or damage to personnel/property as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.

20.2 Except as provided hereof COMPANY agrees to protect, defend, indemnify and hold CONTRACTOR harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of COMPANY's employees, agents, CONTRACTORS and sub-CONTRACTORS or their employees or in favour of any third party(is) on account of bodily injury or death, or damage to personnel/property as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.

21.0 INDEMNITY APPLICATION:

The indemnities given herein above, whether given by COMPANY or CONTRACTOR shall be without regard to fault or to the negligence of either party even though said loss, damage, liability, claim, demand, expense, cost or cause of action may be caused, occasioned by or contributed to by the negligence, either sole or concurrent of either party.

22.0 ROYALTY PATENTS:

Each party shall hold harmless and indemnify the other from and against all claim and proceedings for or on account of any patent rights, design,

trade mark or other protected rights arising from any use of materials, equipment, processes, inventions and methods, which have not been imposed on the attending party by the terms of the contract or the specifications forming part thereof.

23.0 WARRANTY AND REMEDY OF DEFECTS:

23.1 CONTRACTOR warrants that they shall perform the work in a first class, workmanlike, and professional manner and in accordance with their highest degree of quality, efficiency and current state of the art technology/industry practices and in conformity with all specifications, standards and drawings set forth or referred to in the Terms of Reference and with instructions and guidance, which COMPANY may, from time to time, furnish to the CONTRACTOR.

23.2 Should COMPANY discover at any time during the tenure of the Contract or till the Unit/equipment/tools are demobilized from site or base camp (if applicable) that the work does not conform to the foregoing warranty, CONTRACTOR shall after receipt of notice from COMPANY, promptly perform any and all corrective work required to make the services conform to the Warranty. Such corrective Work shall be performed entirely at CONTRACTOR's own expenses. If such corrective Work is not performed within a reasonable time, the COMPANY, at its option may have such remedial Work performed by others and charge the cost thereof to CONTRACTOR subject to a maximum of the contract value payable for the defective work which needs corrective action which the CONTRACTOR must pay promptly. In case CONTRACTOR fails to perform remedial work, or pay promptly in respect thereof, the performance security shall be forfeited.

24.0 SUBCONTRACTING/ASSIGNMENT:

24.1 CONTRACTOR shall not subcontract, transfer or assign the contract, or any part under this contract, to any third party(ies). Except for the main services under this contract, CONTRACTOR may sub-contract the petty support services subject to COMPANY's prior written approval. However, CONTRACTOR shall be fully responsible for complete execution and performance of the services under the Contract.

24.2 Consequent upon of placement of contract, if successful bidder(s)(other than Micro/Small Enterprise) is procuring materials/services from their sub-vendor, who is a Micro or Small Enterprise registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME with prior consent in writing of the purchasing authority/Engineer in Charge the details like Name, Registration No., Address, Contact No., details of material and value of

procurement made, etc. of such enterprises shall be furnished by the CONTRACTOR at the time of submission of invoice/bill.

25.0 RECORDS, REPORTS AND INSPECTION:

The CONTRACTOR shall, at all times during the currency of the contract, permit the COMPANY and its authorized employees and representatives to inspect all the Work performed and to witness and check all the measurements and tests made in connection with the said work. The CONTRACTOR shall keep an authentic, accurate history and logs including safety records of each service item with major items consumed, which shall be open at all reasonable times for inspection by the COMPANY's designated representatives and its authorized employees. The CONTRACTOR shall provide the COMPANY's designated representatives with a daily written report, on form prescribed by the COMPANY showing details of operations during the preceding 24 hours and any other information related to the said services requested by the COMPANY whenever so requested. The CONTRACTOR shall not, without COMPANY's written consent allow any third person(s) access to the said information or give out to any third person information in connection therewith.

26.0 CONFIDENTIALITY, USE OF CONTRACT DOCUMENTS AND INFORMATION:

26.1 CONTRACTOR shall not, without COMPANY's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing pattern, sample or information furnished by or on behalf of COMPANY in connection therewith, to any person other than a person employed by CONTRACTOR in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only, as may be necessary for purposes of such performance with prior permission from COMPANY. However, nothing hereinabove contained shall deprive the CONTRACTOR of the right to use or disclose any information which is:

- a) possessed by the CONTRACTOR, as evidenced by the CONTRACTOR's written records, before receipt thereof from the COMPANY which however the CONTRACTOR shall immediately inform to COMPANY; or
- b) required to be disclosed by the CONTRACTOR pursuant to an order of a court of competent jurisdiction or other governmental agency having the power to order such disclosure, provided the CONTRACTOR uses its best efforts to provide timely notice to COMPANY of such order to permit COMPANY an opportunity to contest such order subject to prior permission from COMPANY.

- 26.2 CONTRACTOR shall not, without COMPANY's prior written consent, make use of any document or information except for purposes of performing the contract.
- 26.3 Any document supplied to the CONTRACTOR in relation to the contract other than the Contract itself remain the property of COMPANY and shall be returned (in all copies) to COMPANY on completion of CONTRACTOR's performance under the Contract if so required by COMPANY.
- 26.4 During the currency of the Contract, COMPANY and its employees, agents, other CONTRACTORS, sub-CONTRACTORS (of any tier) and their employees etc. may be exposed to certain confidential information and data of the CONTRACTOR. Such information and data held by the COMPANY, its employees, agents, other CONTRACTORS, sub-CONTRACTORS (of any tier) and their employees in the strictest Confidence and shall not be disclosed to any other party except on a need to know basis.

However, the above obligation shall not extend to information which:

- i) is, at the time of disclosure, known to the public which CONTRACTOR shall immediately inform COMPANY;
- ii) is lawfully becomes at a later date known to the public through no fault of CONTRACTOR subject to CONTRACTOR's undertaking that no information has been divulged by them to the public;
- iii) is lawfully possessed by CONTRACTOR before receipt thereof from COMPANY which should be immediately informed to COMPANY;
- iv) is developed by CONTRACTOR independently of the information disclosed by COMPANY which should be shared with the COMPANY;
- v) CONTRACTOR is required to produce before competent authorities or by court order subject to prior permission from COMPANY;

27.0 REMUNERATION AND TERMS OF PAYMENT:

- 27.1** COMPANY shall pay to the CONTRACTOR during the term of the Contract the amount due from time to time calculated according to the rates of payment set and in accordance with other provisions hereof. No other payments shall be due from COMPANY unless specifically provided for in the Contract. All payments will be made in accordance with the terms hereinafter described.
- 27.2** Request for payment/part payment to third party i.e. other than the party on whom the contract has been awarded will not be entertained by OIL under any circumstances.

- 27.3** MANNER OF PAYMENT: All payments due by COMPANY to CONTRACTOR hereunder shall be made at CONTRACTOR's designated bank. Bank charges, if any will be on account of the CONTRACTOR.
- 27.4** Payment of any invoices shall not prejudice the right of COMPANY to question the validity of any charges therein, provided COMPANY within one year after the date of payment shall make and deliver to CONTRACTOR written notice of objection to any item or items the validity of which COMPANY questions.
- 27.5** INVOICES: Mobilization charges will be invoiced only upon completion of mobilization as certified by COMPANY representative and CONTRACTOR is ready at site for starting the services/operation. Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by COMPANY.
- 27.6** CONTRACTOR shall send invoice to COMPANY on the day following the end of each month for all daily or monthly charges due to the CONTRACTOR.
- 27.7** CONTRACTOR will submit 02 (Two) sets of all invoices duly super scribed 'Original' and 'copy' as applicable to the COMPANY for processing payment. Separate invoices for the charges payable under the contract shall be submitted by the CONTRACTOR for foreign currency and Indian currency.
- 27.8** Payment of monthly invoices, if undisputed, shall be made within 30 days following the date of receipt of invoice by COMPANY.
- 27.9** COMPANY shall within 30 days of receipt of the invoice notify the CONTRACTOR of any item under dispute, specifying the reasons thereof, in which event, payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion on or before the due date. This will not prejudice the COMPANY's right to question the validity of the payment at a later date as envisaged in clause no. 27.4 above.
- 27.10** The acceptance by CONTRACTOR of part payment on any billing not paid on or before the due date shall not be deemed a waiver of CONTRACTOR's rights in any other billing, the payment of which may then or thereafter be due.
- 27.11** Payment of Final demobilization charges shall be made if applicable within 45 days on receipt of invoice by COMPANY accompanied by the following documents from the CONTRACTOR:
- a) Audited account up to completion of the Contract.
 - b) Tax audit report for the above period as required under the

Indian Tax Laws.

- c) Documentary evidence regarding the submission of returns and payment to taxes for the expatriate personnel engaged by the CONTRACTOR or by its sub-CONTRACTOR.
- d) Proof of re-export of all items including the unutilized spares and consumables (excepting consumables consumed during the contract period) and also cancellation of re-export bond if any.
- e) Any other documents as required by applicable Indian Laws.

In case, no demobilization charges are payable, the documents mentioned above will have to be submitted by the CONTRACTOR before release of the final payment by the COMPANY. A certificate from Chartered Accountant on (a), (b) & (c) above will suffice.

27.12 CONTRACTOR shall maintain complete and correct records of all information on which CONTRACTOR's invoice are based upto 02 (two) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query/objection.

28.0 PAYMENT OF COMMISSION/FEE/REMUNERATION OF INDIAN AGENT /CONSULTANT/REPRESENTATIVE/RETAINER/ASSOCIATE OF FOREIGN PRINCIPAL (APPLICABLE IN ICB TENDERS ONLY):

The Commission/fee/remuneration of the Indian agent/ consultant/ associate/ representative/retainer, if any, will be paid within 30 days of the payment of invoice made to the CONTRACTOR, The amount of commission/ fee/remuneration as a percentage of invoice value as per contract provisions will be deducted by COMPANY/OIL from the monthly invoices of the CONTRACTOR and paid to the Indian agent/ consultant/ representative/retainer/associate.

29.0 DETAILS OF STATUTORY PAYMENTS LIKE EPF AND ESI ETC.

Wherever applicable, the CONTRACTOR (including those engaging 'International Workers') shall have itself registered under Employees' Provident Fund and Miscellaneous Provisions Act, 1952 and Employees' State Insurance Act, 1948 and follow the relevant statutory provisions including Rules made there-under concerning contractual workers.

The CONTRACTOR shall be required to submit the following documents/details to the Corporation:

- (i) Copy of PF-ECR duly stamped by the designated Bank, alongwith a print of the digitally signed PDF data sheet of the ECR, as proof of payment, each month, details of this PDF data sheet shall be verified by

the appropriate authority (i.e. Payment Making Authority) in the COMPANY from the official website of EPFO (<http://www.epfindia.gov.in>).

- (a) Copy of the online challan endorsed/stamped by the designated bank as proof of receipt of payment towards monthly contribution of ESI contribution.
 - (b) Copy of Return of contribution in respect of ESI for each contribution period of the six months i.e. for the contribution period ended 30th Sept and the contribution period ended 31st March.
- (iii) As an Annexure to each EPF-ECR and ESI Challan(s), CONTRACTOR shall also furnish the following Certificates:
- 1) The furnished information is correct to the best of his knowledge.
 - 2) In case any discrepancies or irregularities is/are noticed in this undertaking, then OIL is free to inform the PF/ESIC Authorities.
 - 3) Before the completion of contract, CONTRACTOR shall serve one-month notice to all his contractual workers, informing that their services will be terminated.
 - 4) Within one month on completion/expiry of the contract, CONTRACTOR shall pay all the dues/terminal dues such as leave with wages, bonus (if applicable), Gratuity (if applicable), to all his contractual workmen, failing which CONTRACTOR's Bank Guarantee/Security Deposit may be withheld by OIL.

COMPANY may verify the deposit of statutory contribution made by the CONTRACTORS with the EPFO/ESI authorities, where deemed necessary. However, before making payment of the last bill/invoice of the CONTRACTOR, the COMPANY may verify the details/status of the payment towards EPF/ESI made by the CONTRACTOR from the authorities/official website of EPF/ESI (i.e. <http://www.epfindia.gov.in> and <http://www.esic.in>). In case the information furnished by the CONTRACTOR is found to be incorrect the COMPANY shall take appropriate action against the CONTRACTOR in accordance with law.

The CONTRACTOR agrees and undertakes to indemnify OIL for any liabilities arising out of declarations made by him in future on violation or provisions of the EPF Act 1952 and ESI Act 1948.

30.0 TIMELY MOBILISATION AND LIQUIDATED DAMAGES:

- a) Time is the essence of this Contract. If the CONTRACTOR fails to mobilize and deploy the required manpower/equipment and/or fails to commence the operation within the period specified as specified under mobilization clause under SCC, OIL shall have, without prejudice to any other right or remedy in law or contract

including sub clause (b) below, the right to terminate the contract.

- b) If the contractor is unable to mobilize/deploy and commence the operation within the period specified in sub clause (a) above, it may request OIL for extension of the time with unconditionally agreeing for levy and recovery of LD. Upon receipt of such a request, OIL may at its discretion, extend the period of mobilization and shall recover from the CONTRACTOR, as an ascertained and agreed Liquidated Damages, a sum equivalent to @ 0.5% of contract value including mobilization cost, per week or part thereof of delay subject to maximum of 7.5% of the Contract Price.
- c) The parties agree that the sum specified above is not a penalty but a genuine pre-estimate of the loss/damage which will be suffered by OIL on account of delay on the part of the CONTRACTOR and the said amount will be payable without proof of actual loss or damage caused by such delay.
- d) LD will be calculated on the basis of Total Contract value [(if not specified otherwise in SCC] excluding duties and taxes, where such duties/taxes have been shown separately in the contract. However, the applicable GST on the LD shall have to be borne by the CONTRACTOR. Accordingly, the liquidated damages shall be recovered from the CONTRACTOR along with applicable GST.

31.0 FORCE MAJEURE:

In the event of either party being rendered unable by 'Force Majeure' to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such 'Force Majeure' will stand suspended as provided herein. The term force majeure as employed herein shall mean Acts of God such as earthquake, hurricane, typhoon, flood, volcanic activity etc.; war (declared/undeclared); riot, revolts, rebellion, terrorism, sabotage by persons other than the CONTRACTOR's Personnel; fires, explosions, ionising radiation or contamination by radio-activity or noxious gas, if not caused by CONTRACTOR's fault; declared epidemic or disaster; acts and regulations of respective Govt. of the two parties, namely the COMPANY and the CONTRACTOR and civil commotions, lockout not attributable to the CONTRACTOR.

Upon occurrence of such cause, the party claiming that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within 72 (Seventy Two) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.

Should 'force majeure' condition as stated above occurs and should the same be notified within 72 (Seventy two) hours after its occurrence the 'force majeure' rate (if specified in the SCC of the Contract) shall apply for the first 15 (fifteen) days for each such occasion.

Either party shall have the right to terminate the Contract if such 'force majeure' conditions continue beyond successive 60 (Sixty) days [or exclusively mentioned in the SCC of the Contract] with prior written notice of 15 days, provided termination of the Contract does not result into safety hazard to the life and property on account of withdrawal of operations or the operation is at critical stage. COMPANY shall have the absolute right to decide whether any safety hazard exists or operation is at critical position and decision of the COMPANY shall binding upon the CONTRACTOR.

Should either party decide not to terminate the Contract even under such condition, no payment would apply after expiry of fifteen (15) days force majeure period. [or exclusively mentioned in the SCC of the Contract]

Time for performance of the relative obligation suspended by Force Majeure shall then stand extended by the period for which such cause lasts.

If however, relative obligation of the party affected by such 'Force Majeure' is limited to part of the obligation(s), the contract shall not be terminated and the parties shall continue to perform their respective obligations, which are not affected by the 'force majeure' condition, provided the obligations affected by the 'force majeure' do not preclude the parties in performing the obligations not affected by such conditions.

32.0 SET-OFF:

Any sum of money due and payable to the CONTRACTOR (including Performance Security refundable to them) under this or any other Contract, whether in progress or in future, may be appropriated by OIL and set-off against any claim of OIL (or such other person or persons contracting through OIL) for payment of a sum of money arising out of this contract or under any other contract made by the CONTRACTOR with OIL (or such other person or persons contracting through OIL).

33.0 WITHHOLDING:

COMPANY may withhold or nullify the whole or any part of the amount due to CONTRACTOR, after informing the CONTRACTOR of the reasons in writing, on account of subsequently discovered evidence in order to protect COMPANY from loss on account of:

- 33.1** For non-completion of jobs assigned as per Scope of Work/Terms of Reference.
- 33.2** Defective work not remedied by CONTRACTOR.
- 33.3** Claims by COMPANY's recognized sub-CONTRACTOR of CONTRACTOR or others filed or on the basis of reasonable evidence indicating probable filing of such claims against CONTRACTOR.
- 33.4** Failure of CONTRACTOR to pay or provide for the payment of salaries/ wages, contributions, taxes or enforced savings with-held from wages etc. with respect to personnel engaged by the CONTRACTOR.
- 33.5** Failure of CONTRACTOR to pay the cost of removal of unnecessary debris, materials, tools, or machinery.
- 33.6** Any failure by CONTRACTOR to fully reimburse COMPANY under any of the indemnification provisions of this Contract. If, during the progress of the work CONTRACTOR shall allow any indebtedness to accrue for which CONTRACTOR, under any circumstances in the opinion of COMPANY, may be primarily or contingently liable or ultimately responsible and CONTRACTOR shall, within five days after demand is made by COMPANY, fail to pay and discharge such indebtedness, then COMPANY may during the period for which such indebtedness shall remain unpaid, with-hold from the amounts due to CONTRACTOR, a sum equal to the amount of such unpaid indebtedness.
- 33.7** Withholding will also be effected on account of the following:
- i) Order issued by a Court of Law or statutory authority in India.
 - ii) Income-tax deductible at source according to law prevalent from time to time in the country.
 - iii) Any obligation of CONTRACTOR which by any law prevalent from time to time to be discharged by COMPANY in the event of CONTRACTOR's failure to adhere to such laws.
 - iv) Any payment due from CONTRACTOR in respect of unauthorised imports.

When all the above grounds for withholding payments are removed, payment shall thereafter be made for amounts so with-held.

- 33.8** COMPANY reserves the right to disburse or deposit the amount so withheld to the concerned person(s) or agency or government authority, as the case may be, besides nullifying such amount on account of loss suffered by the COMPANY against 33.2, 33.3, 33.6 & 33.7 above.

34.0 APPLICABLE LAWS:

The Contract shall be deemed to be a Contract made under, governed by and construed in accordance with the laws of India for the time being in force and shall be subject to the sole and exclusive jurisdiction of Courts situated in Dibrugarh (or the Place where the contract is executed) and Principal Bench of Gauhati High Court (or the High Court under whose territorial jurisdiction, the place of execution of contract falls).

This Agreement including all matter connected with this Agreement, shall be governed by the laws of India (both substantive and procedural) for the time being in force and shall be subject to exclusive jurisdiction of Courts, mentioned hereinabove. Foreign companies, operating in India or entering into Joint ventures in India, shall also be governed by the laws of India and shall be subject to sole and exclusive jurisdiction of above Courts.

The CONTRACTOR shall ensure full compliance of various Indian Laws and Statutory Regulations, as stated below, to the extent applicable, as stated below, but not limited to, in force from time to time and obtain necessary permits/licenses etc. from appropriate authorities for conducting operations under the Contract:

- a) The Mines Act 1952
- b) The Oil Mines Regulations, 1984
- c) The Employees' Compensation Act, 1923
- d) The Code of Wages, 2019
- e) The Contract Labour (Regulation & Abolition) Act, 1970 and the rules framed there under
- f) The Employees Pension Scheme, 1995
- g) The Interstate Migrant Workmen Act., 1979 (Regulation of employment and conditions of service).
- h) The Employees Provident Fund and Miscellaneous Provisions Act, 1952
- i) Goods and Service Tax Act
- j) Customs & Excise Act & Rules
- k) Factories Act, 1948
- l) Industrial Disputes Act, 1947
- m) Payment of Gratuity Act, 1972
- n) Environmental Protection Act, 1986 & other pollution control Acts.

Note: The above Acts are only indicative and not exhaustive. The Acts shall include the rules and regulations framed thereunder.

35.0 LABOUR LAWS:

- i) CONTRACTOR shall comply with the provisions of various labour related laws, including but not limited to the Code of Wages, 2019, Employee Provident Fund and Miscellaneous Provisions Act 1952, COMPANY's Liability Act 1938, Employees' Compensation Act 1923,

Industrial Disputes Act 1947, the Maternity Benefit Act 1961 and Contract Labour (Regulation and Abolition) Act 1970, Employment of Children Act 1938, Employees' State Insurance Act, 1948 or any modifications/amendment thereof or any other law relating thereto and rules made there under from time to time.

ii) No Labour below the age of eighteen [18] years shall be employed on the work.

iii) CONTRACTOR shall not pay less than what is provided under law to labourers engaged by him on the work.

iv) CONTRACTOR shall at his expense comply with all labour laws and keep the COMPANY indemnified in respect thereof.

v) CONTRACTOR shall pay equal wages for men and women in accordance with applicable Labour laws.

vi) If the CONTRACTOR is covered under the Contract Labour (Regulation and Abolition) Act, he shall obtain a license from licensing authority [i.e. office of the Labour Commissioner] by payment of necessary prescribed fee and the deposit, if any, before starting the work under the Contract. Such fee/deposit shall be borne by the CONTRACTOR.

vii) CONTRACTOR must obtain the PF Code from the concerned PF Authority under Employees Provident Fund and Miscellaneous Provisions Act, 1952. Similarly, CONTRACTOR must obtain ESI Code under Employees State Insurance Act.

viii) CONTRACTOR being the employer of the labours/personnel to be engaged under the contract shall be liable to pay gratuity to the labours/personnel as per the provision of the Payment of Gratuity Act, 1972 and accordingly, shall keep the COMPANY indemnified in respect thereof. If however, COMPANY requires to pay gratuity to such labour(s) as per the direction of the competent authority under the Act, COMPANY shall recover such amount from the outstanding dues payable to the CONTRACTOR under the contract or any other contract(s).

ix) CONTRACTOR shall furnish to Engineer in Charge the distribution return of the number & description, by trades of the work people employed on the works. CONTRACTOR shall also submit on the 4th & 19th of every month to Engineer in Charge a true statement showing in respect of the 2nd half of the preceding month & the 1st half of the current month (1) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them and (2) the number of female workers who have been allowed Maternity Benefit as provided in the

Maternity Benefit Act 1961 on Rules made there under and the amount paid to them.

x) Engineer in Charge shall on a report having been made by an inspecting officer as defined in Contract Labour (Regulation and Abolition) Act 1970 have the power to deduct from the money due to the CONTRACTOR any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the Contract for the benefit of workers, non-payment of wages or of deductions made from his or their wages which are not justified by the terms of the Contract or non-observance of the said regulations.

xi) The CONTRACTOR shall indemnify the COMPANY against any payments to be made under and for the observance of the provisions of the aforesaid acts without prejudice to his right to obtain indemnity from his sub-CONTRACTOR.

36.0 STATUTORY REQUIREMENTS:

During the tenure of this CONTRACT nothing shall be done by the CONTRACTOR in contravention of any law, act and/or rules/regulations, thereunder or any amendment.

37.0 GENERAL HEALTH, SAFETY & ENVIRONMENT (HSE) GUIDELINES:

37.1 It will be solely the CONTRACTOR's responsibility to fulfil all the legal formalities with respect to the Health, Safety and Environmental aspects of the entire job (namely; the person employed by him, the equipment, the environment, etc.) under the jurisdiction of the district of that state where it is operating. Ensure that all sub-CONTRACTORs hired by CONTRACTOR comply with the same requirement as the CONTRACTOR himself and shall be liable for ensuring compliance all HSE laws.

37.2 It will be entirely the responsibility of the Contractor/his Supervisor/representative to ensure strict adherence to all HSE measures and statutory rules during operation in OIL's installations and safety of workers engaged by him. The crew members will not refuse to follow any instruction given by company's Installation Manager/Safety Officer/Engineer/Official/Supervisor/Junior Engineer for safe operation.

37.3 Any compensation arising out of the job carried out by the Contractor whether related to pollution, Safety or Health will be paid by the contractor only.

37.4 Any compensation arising due to accident of the Contractor's personnel while carrying out the job, will be payable by the contractor.

37.5 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 shall have the right to direct the contractor to cease work until the non-compliance is corrected.

38.0 POLLUTION AND CONTAMINATION:

The CONTRACTOR shall be liable for all surface and sub-surface pollution to the extent caused by CONTRACTOR and resulting from CONTRACTOR's operation/service or spillage or dumping of solvents/additive substances or pollutants, which the CONTRACTOR brings to the Site for use in connection with Work to be performed under this Contract.

Notwithstanding anything to the contrary contained herein, it is agreed that except on the ground of willful misconduct or criminal misconduct, COMPANY shall release, indemnify and hold CONTRACTOR and its sub-CONTRACTORS harmless from any and all claims, judgments, losses, expenses and any costs related thereto (including but not limited to Court costs and "Attorney's fees") for:

- a) Damage to or loss of any reservoir or producing formation; and/ or
- b) Damage to or loss of any well; and/or
- c) Any other subsurface damage or loss; and/ or
- d) Any property damage or loss or personal injury or death arising out of or in connection with a blowout, fire explosion and loss of well control regardless of cause.

39.0 STATUTORY VARIATION/NEWLY ENACTED LAW:

39.1 All duties, taxes except otherwise specified in the Contract as applicable on the closing date of bid submission as per relevant acts and rules shall be in CONTRACTOR's account. Variation in case of custom duty on CIF value declared by the bidder shall be to COMPANY account.

39.2 In the event of introduction of any new legislation or any amendment or enforcement of any Act or Law, rules or regulations of Government of India or State Government(s) or Public Body, which becomes effective after the date of submission of Price Bid or revised price bid, if any, for this CONTRACT and which results in increased/decreased cost of the works under the CONTRACT through increased/decreased liability of taxes and/or duties, required to be paid by the CONTRACTOR, (other than personnel and Corporate taxes), the Parties shall agree to a revision in pricing to reflect such change subject to the production of documentary proof to the satisfaction of the COMPANY/CONTRACTOR as applicable to the extent which directly is attributable to such introduction of new legislation or change or amendment as mentioned above and adjudication

by the competent authority (applicable when disputed by COMPANY) & the courts wherever levy of such taxes/duties are disputed by COMPANY/CONTRACTOR.

- 39.3** Any increase in net amount of the duties and taxes (i.e. the amount of taxes/duties payable minus eligible credit of taxes/duties paid on input services/inputs) after the contractual completion/mobilization date during the extended period will be to the CONTRACTOR's account, where delay in completion/mobilization period is attributable to the CONTRACTOR. However, any decrease in net amount of the duties and taxes (i.e. the amount of taxes/duties payable minus eligible credit of taxes/duties paid on input services/inputs) after the contractual completion/mobilization date will be to COMPANY's account.
- 39.4** The Contract Price and other prices given in the Schedule of Prices are based on the applicable tariff as indicated by the CONTRACTOR in the Schedule of Prices. In case this information subsequently proves to be wrong, incorrect or misleading, COMPANY will have no liability to reimburse/pay to the CONTRACTOR the excess duties, taxes, fees, if any finally levied/imposed by the concerned authorities. However, in such an event, COMPANY will have the right to recover the difference in case the rate of duty/tax finally assessed is on the lower side.
- 39.5** Notwithstanding the provision contained in Clause-39.1 to 39.4 above, the COMPANY shall not bear any liability in respect of:
- i. Personal taxes on the personnel deployed by CONTRACTOR, his sub-CONTRACTOR/sub-sub-CONTRACTORS and Agents etc.
 - ii. Corporate taxes and Fringe benefit tax in respect of CONTRACTOR and all of their sub-CONTRACTORS, agents etc.
 - iii. Other taxes & duties including Customs Duty and GST in addition to new taxes etc. in respect of sub-CONTRACTORS, vendors, agents etc. of the CONTRACTOR.
 - iv. Any liability on the CONTRACTOR, which was accrued under the old law or contract, which the CONTRACTOR is obligated to pay either to the COMPANY or to the Government Authority.
- 39.6** In order to ascertain the net impact of the amendment/revisions/enactment of various provisions of taxes/duties, the CONTRACTOR is liable to provide following disclosure to COMPANY:
- i. Details of each of the input services used in relation to providing service to COMPANY including estimated monthly value of input service and GST tax amount.

- ii. Details of Inputs (material/consumable) used/required for providing service to COMPANY including estimated monthly value of input and GST paid/payable on purchase of inputs.

39.7 The above provisions would be applicable only in case of variation in rate of taxes and duties on supply of services to OIL and not applicable on taxes and duties on input (goods and services) towards such services.

39.8 Any claim or reduction on account of change in law shall be accompanied with undertaking that the provisions of anti-profiteering clause under GST Act have been complied with.

40.0 SEVERABILITY:

Should any provision of this agreement be found to be invalid, illegal or otherwise not enforceable by any court of law, such finding shall not affect the remaining provisions hereto and they shall remain binding on the parties hereto.

41.0 Commission of misconduct/submission of fraudulent document by the bidder/contractor and Banning thereof:

The information and documents furnished by the bidder/CONTRACTOR in respect of the tender/contract are accepted by COMPANY to be true and genuine. However, if it comes to the notice of the COMPANY anytime either during the pendency of the tender or after award of the contract or after completion the contract that a Bidder/CONTRACTOR furnished fraudulent document/false information in relation to the subject tender/contract or committed any misconduct, appropriate action shall be taken against the Bidder/CONTRACTOR for debarment/banning of the bidder/CONTRACTOR from participating in any future tender of the COMPANY in terms of the COMPANY's Banning Policy, 2017 besides making the CONTRACTOR liable for other penal action including termination of ongoing contract(s) at his/her risk and peril. In such event, the Bid Security/Performance Security in respect of ongoing contract(s) shall be forfeited by the COMPANY.

42.0 SETTLEMENT OF DISPUTES:

42.1 Arbitration (Applicable for Suppliers/CONTRACTORs other than PSU and MSME):

1. Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties are

unable to settle mutually, the same shall be referred to Arbitration as provided hereunder:

2. A party wishing to commence arbitration proceeding shall invoke Arbitration Clause by giving 30 days notice to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.
3. It is agreed and undertaken by the Parties that irrespective of country of origin of the CONTRACTOR, the arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996 and under no circumstances, the proceedings shall be construed as International Arbitration.
4. The number of arbitrators and the appointing authority will be as under:

Claim amount (excluding claim for interest and counter claim, if any)	Number of Arbitrator	Appointing Authority
Upto Rs.25.00 Lakh	Not applicable	Not applicable
Above Rs.25.00 Lakh Upto Rs.25 Crore	Sole Arbitrator	OIL
Above Rs. 25 Crore	3 Arbitrators	One Arbitrator by each party and the 3 rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.

5. The parties agree that they shall appoint only those persons as arbitrators who accept the conditions of the arbitration clause. No person shall be appointed as Arbitrator or Presiding Arbitrator who does not accept the conditions of the arbitration clause.
6. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor

had left if both parties consent for the same; otherwise, he shall proceed de novo.

7. Parties agree and undertake that neither shall be entitled for any pre-reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.
8. The arbitral tribunal shall complete the proceedings, make and publish the award within time stipulated in the Arbitration and Conciliation Act, 1996(as amended).
9. If after commencement of the arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to conciliation, the arbitrators shall put the proceedings in abeyance until such period as requested by the parties. Where the proceedings are put in abeyance or terminated on account of mutual settlement of dispute by the parties, the fees payable to the arbitrators shall be determined as under:
 - (i) 20%of the fees if the claimant has not submitted statement of claim.
 - (ii) 40% of the fees if the pleadings are complete
 - (iii) 60% of the fees if the hearing has commenced.
 - (iv) 80% of the fees if the hearing is concluded but the award is yet to be passed.
10. Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator appointed by it. Claimant shall also be responsible for making arrangements for travel/stay arrangements of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties.

In case of sole arbitrator, both parties shall equally share all expenditures that may be required to be incurred.
11. The fees and other administrative/secretarial expenses of the arbitrator(s) shall not exceed the model fee as stipulated in Schedule-- of the Act and such expenses shall be equally borne by the parties.
12. The Place/Seat of Arbitration shall be Guwahati or the place where the contract is executed. The venue of the arbitration shall be decided by the Arbitrator(s) in discussion with the parties. The cost of arbitration sittings shall be equally borne by the parties.
13. The Arbitrator(s) shall give reasoned and speaking award and it shall be final and binding on the parties.

14. Subject to aforesaid, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

42.2 Arbitration (applicable in case of Contract awarded on Public Sector Enterprise):

- a) In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract (s) between Central Public Sector Enterprises (CPSEs) and also between CPSEs and Government Departments/Organizations (excluding disputes - concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in OPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018.
- b) A party wishing to commence arbitration proceeding shall invoke Arbitration Clause and refer the dispute(s) to AMRCD with a copy to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter.
- c) Upon such reference, the dispute shall be decided by the Competent Authority appointed under the AMRCD, whose decision shall bind the parties finally and conclusively. The parties in the dispute will share equally the cost of the arbitration as intimated by the Arbitrator.

42.3 Arbitration (Applicable to Micro, Small and Medium Enterprise)

In the event of any dispute or difference relating to, arising from or connected with the Contract, efforts shall be made to resolve the dispute(s) amicably by mutual consultation and in case such dispute(s) cannot be resolved through mutual consultation, then same shall be resolved through the procedure as prescribed in Section-18 of the Micro, Small and Medium Enterprises Development Act, 2006.

42.4 Resolution of disputes through conciliation by OEC

(Not Applicable in cases where value of dispute is less than Rs. 25 Lakhs and more than 2 Crore)

If any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties are unable to settle mutually, Company at its discretion, on its own or on the request of the CONTRACTOR, may refer the dispute to Outside Expert Committee

(“OEC”) to be constituted by Corporate Business Committee (CBC), OIL as provided hereunder:

- a) The party desirous of resorting to conciliation shall send a notice of 30 (thirty) days to the other party of its intention of referring the dispute for resolution through OEC. The notice invoking conciliation shall specify all the points of disputes with details of the amount claimed to be referred to OEC and the party concerned shall not raise any new issue thereafter.
- b) OIL shall nominate three outside experts, one each from Financial/commercial, Technical and Legal fields from the Panel of Outside Experts maintained by OIL who shall together be referred to as OEC (Outside Experts Committee).
- c) Parties shall not claim any interest on claims/counterclaims from the date of notice invoking conciliation till execution of settlement agreement, if so arrived at. In case, parties are unable to reach a settlement, no interest shall be claimed by either party for the period from the date of notice invoking conciliation till the date of OEC recommendations in any further proceeding.
- d) The Proceedings of the OEC shall be broadly governed by Part III of the Arbitration and Conciliation Act, 1996 including any modifications thereof. Notwithstanding above, the proceedings shall be summary in nature and Parties agree to rely only upon documentary evidence in support of their claims and not to bring any oral evidence in the OEC proceedings.
- e) OEC shall hear both the parties and recommend possible terms of settlement between the parties. The recommendations of OEC shall be non-binding and the parties may decide to accept or not to accept the same. Parties shall be at liberty to accept the OEC recommendation with any modification they may deem fit.
- f) Where recommendations are acceptable to both the parties, a settlement agreement will be drawn up in terms of the OEC recommendations or with such modifications as may be agreed upon by the parties. The settlement agreement shall be signed by both the parties and authenticated by all the OEC members either in person or through circulation. This settlement agreement shall have the same legal status and effect as that of an arbitration award on agreed terms on the substance of the dispute rendered by an arbitral tribunal under Section 30 of the Arbitration and Conciliation Act, 1996.

- g) OIL will share all other guidelines regarding reconciliation through OEC with the CONTRACTOR when it resorts to settlement through OEC. Both parties agree to adhere to these guidelines.
- h) All the expenditure incurred in the OEC proceedings shall be shared by the parties in equal proportion. The parties shall maintain account of expenditure and present to the other for the purpose of sharing on conclusion of the OEC proceedings.
- i) The OEC proceedings must be completed within a period of 3(three) months from the date of constitution of the OEC with a provision of extension of one months, subject to mutual agreement. The Place of OEC shall be either at New Delhi or Guwahati.
- j) If the parties are not able to resolve the dispute through OEC or do not opt for conciliation through OEC, the party may invoke arbitration clause as provided in the contract.
- k) The parties shall be represented by their in-house employees/executives. No party shall bring any advocate or outside consultant/advisor/agent. Ex-officers of OIL who have handled the matter in any capacity directly or indirectly shall not be allowed to attend and present the case before OEC on behalf of Contractor. However, ex- employees of parties may represent their respective organizations.
- l) Solicitation or any attempt to bring influence of any kind on either OEC Members or OIL is completely prohibited in conciliation proceedings and OIL reserves the absolute right to close the conciliation proceedings at its sole discretion if it apprehends any kind of such attempt made by the Contractor or its representatives.

42.5 Exclusions

Parties agree that following matters shall not be referred to conciliation or arbitration:

- i) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision to initiate any proceedings for suspension or debarment or banning, or decision to suspend or to ban or to debar business dealings with the bidder/CONTRACTOR and/or with any other person involved or connected or dealing with bid/contract/bidder/CONTRACTOR.
- ii) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision under the provisions of Integrity Pact executed between OIL and the Bidder/CONTRACTOR.

- iii) Any claim, difference or dispute relating to, connected with or arising out of OIL's decision to comply with any order or directive of any statutory or government authority.
- iv) Any claim which is less than Rs. 25 Lakh.

43.0 COMPLETION OF CONTRACT:

Unless otherwise terminated under the provisions of any other relevant Clause or extended through written communication, this Contract shall be deemed to have been completed at the expiry of the Period specified in the contract or period of defect liability, as provided for under the Contract, whichever is later.

44.0 TERMINATION:

44.1 Termination on expiry of the contract: This Agreement shall be deemed to have been automatically terminated on the expiry of the contract period unless OIL has exercised its option to extend this contract in accordance with the provisions, if any, of this contract.

44.2 Termination of contract for death: If the CONTRACTOR is an individual or a proprietary concern and the individual or the proprietor dies or if the CONTRACTOR is a partnership concern and one of the partners dies then unless, the COMPANY is satisfied that the legal heir of the individual or the proprietary concern or the surviving partners are capable of carrying out and completing Contract, the COMPANY is entitled to cancel the Contract for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased CONTRACTOR and/or to the surviving partners of the CONTRACTOR's firm on account of the cancellation of Contract. The decision of the COMPANY in such assessment shall be final & binding on the parties. In the event of such cancellation, the COMPANY shall not hold the estate of the deceased CONTRACTOR and/or the surviving partners of CONTRACTOR's firm liable for any damages for non-completion of the Contract.

44.3 Termination on account of Force Majeure: Unless the contract provides otherwise, either party shall have the right to terminate this Contract on account of Force Majeure as set forth in Article-31.0 above.

44.4 Termination on account of insolvency: In the event that the CONTRACTOR or its collaborator or its guarantor at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt or under the process of insolvency or liquidation, then the COMPANY shall, by a notice in writing have the right to terminate the Contract and all the CONTRACTOR's rights and privileges hereunder, shall stand terminated forthwith.

However, COMPANY shall be at liberty to give the Receiver or Liquidator or Insolvency Professional Manager, as appointed by the Competent Court/Tribunal, the option of carrying out the Contract subject to its technical & financial competence and his providing a guarantee for due and faithful performance of the Contract.

- 44.5 Termination for Unsatisfactory Performance:** If the COMPANY considers that, the performance of the CONTRACTOR is unsatisfactory, or not as per the provision of the Contract, the COMPANY shall notify the CONTRACTOR in writing and specify in details the cause of dissatisfaction. The COMPANY shall have the option to terminate the Contract by giving 15 days notice in writing to the CONTRACTOR, if CONTRACTOR fails to comply with the requisitions contained in the said written notice issued by the COMPANY. In the event CONTRACTOR rectifies its non-performance to the satisfaction of the COMPANY, the option of termination may not be exercised by the COMPANY. If however CONTRACTOR repeats non-performance subsequently, COMPANY shall exercise the option to terminate contract by giving 07 days notice. Such CONTRACTOR shall be put on holiday as per the Banning Policy of OIL [available at www.oil-india.in].
- 44.6 Termination due to change of ownership and Assignment:** In case the CONTRACTOR's rights and/or obligations under this Contract and/or the CONTRACTOR's rights, title and interest to the equipment/ material, are transferred or assigned without the COMPANY's written consent, the COMPANY may at its option, terminate this Contract. COMPANY shall not be however under any obligation to accord consent to the CONTRACTOR for change of ownership & assignment of the contract.
- 44.7** If at any time during the term of this Contract, breakdown of CONTRACTOR's equipment results in CONTRACTORS being unable to perform their obligations hereunder for a period of 15 successive days, COMPANY at its option, may terminate this Contract in its entirety or partially to the extent non-performance, without any further right or obligation on the part of the COMPANY, except for the payment of money then due. No notice shall be served by the COMPANY under the condition stated above.
- 44.8 Termination for delay in mobilization:** CONTRACTOR is required to mobilize complete equipment alongwith crew for commencement of services at the specified site within the maximum allowed number of days from the date of LOA/Notice for Mobilization as specified in the special conditions of contract. If the CONTRACTOR (successful bidder) fails to complete the mobilization as above, OIL shall have, without prejudice to any other clause of the CONTRACT, the right to terminate the contract.
- 44.9** Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the COMPANY on giving 30 (thirty) days

written notice to the CONTRACTOR due to any other reason not covered under the above Article from 44.1 to 44.8 and in the event of such termination the COMPANY shall not be liable to pay any cost or damage to the CONTRACTOR except for payment of services as per the Contract upto the date of termination.

44.10 Consequence of Termination: In all cases of termination herein set forth, the relative obligations of the parties to the Contract shall be limited to the period up to the date of termination. Notwithstanding the termination of this Contract, the parties shall continue to be bound by the provisions of this Contract that reasonably require some action or forbearance after such termination.

Upon termination of this Contract, CONTRACTOR shall return to COMPANY all of COMPANY's properties, which are at the time in CONTRACTOR's possession.

In the event of termination of contract, COMPANY will issue Notice of termination of the contract with date or event after which the contract will be terminated. The contract shall then stand terminated and the CONTRACTOR shall demobilize their personnel & materials.

Demobilization charges shall not be payable by COMPANY in case of Article from 44.4 to 44.7.

45.0 TO DETERMINE THE CONTRACT:

In such an event the contract shall stand terminated and shall cease to be in force from the date of such notification by the COMPANY. Thereafter the CONTRACTOR shall stop forthwith any of the work then in progress, except those work which the COMPANY may, in writing, require to be done to safeguard any property or work, or installations from damages, and the COMPANY may take over the remaining unfinished work of the CONTRACTOR and complete the same through a fresh CONTRACTOR or by other means, at the risk and cost of the CONTRACTOR, and any of its sureties if any, shall be liable to the COMPANY for any excess cost occasioned by such work having to be so taken over and completed by the COMPANY over and above the cost at the rate/cost specified in the schedule of quantities and rates/prices.

46.0 WITHOUT DETERMINING THE CONTRACT:

To take over the work of the CONTRACTOR or any part thereof and complete the same through a fresh CONTRACTOR or by other means, at the risk and cost of the CONTRACTOR. The CONTRACTOR and any of its sureties are liable to the COMPANY for any excess cost over and above the cost at the rates specified in the schedule of quantities and rates/prices,

occasioned by such work having been taken over and completed by the COMPANY.

47.0 ERRING/DEFAULTING AGENCIES:

Erring and defaulting agencies like bidder, CONTRACTOR, supplier, vendor, service provider will be dealt as per OIL's Banning Policy dated 6th January, 2017 available in OIL's website: www.oil-india.com. Moreover, OIL reserves the right to take legal or any other action on the basis of merit of the case.

48.0 MISCELLANEOUS PROVISIONS:

CONTRACTOR shall give notices and pay all fees at their own cost required to be given or paid by any National or State Statute, Ordinance, or other Law or any regulation, or bye-law of any local or other duly constituted authority as may be in force from time to time in India, in relation to the performance of the services and by the rules & regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the services.

CONTRACTOR shall conform in all respects with the provisions of any Statute, Ordinance of Law as aforesaid and the regulations or bye-law of any local or other duly constituted authority which may be applicable to the services and with such rules and regulation, public bodies and Companies as aforesaid and shall keep COMPANY indemnified against all penalties and liability of every kind for breach of any such Statute, Ordinance or Law, regulation or bye-law.

During the tenure of the Contract, CONTRACTOR shall keep the site where the services are being performed reasonably free from all unnecessary obstruction and shall store or dispose of any equipment and surplus materials and clear away and remove from the site any wreckage, rubbish or temporary works no longer required. On the completion of the services, CONTRACTOR shall clear away and remove from the site any surplus materials; rubbish or temporary works of every kind and leave the whole of the site clean and in workmanlike condition to the satisfaction of the COMPANY.

Key personnel cannot be changed during the tenure of the Contract except due to sickness/death/resignation of the personnel or any other justified situation in which case the replaced person should have equal experience and qualification, which will be again subject to prior approval, by the COMPANY.