

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	10-08-2022 11:00:00
<b>Bid Opening Date/Time</b>	10-08-2022 11:30:00
<b>Bid Offer Validity (From End Date)</b>	65 (Days)
<b>Ministry/State Name</b>	Ministry Of Petroleum And Natural Gas
<b>Department Name</b>	Oil India Limited
<b>Organisation Name</b>	Oil India Limited
<b>Office Name</b>	Oil India Limited
<b>Total Quantity</b>	2
<b>Item Category</b>	REMOTE IGNITION SYSTEM FOR FLARES (Q3)
<b>MSE Exemption for Years of Experience and Turnover</b>	No
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	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) *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
<b>Bid to RA enabled</b>	No
<b>Time allowed for Technical Clarifications during technical evaluation</b>	5 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method</b>	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).	20

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

**Beneficiary:**

GM-FA

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 :HDFCINBBCAL NOTE: THE BANK  
GUARANTEE ISSUED BY THE BANK MUST BE ROUTED THROUGH SFMS PLATFORM AS PER FOLLOWING DETAILS: a.  
(I)"MT 760 /MT760COV 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.  
BRANCHADDRESS: HDFC BANK LIMITED, DULIAJAN BRANCH, UTOPIA COMPLEX, BOC GATE, JAYANAGAR,  
DULIAJAN, DIBRUGARH, PIN – 786602." b. THE SUPPLIERSHALL SUBMIT TO OIL THE COPY OF SFMS MESSAGE AS  
SENT BY THE ISSUING BANK BRANCH ALONG WITH THE ORIGINAL BANK GUARANTEE. Contact person: Tushar  
Ranjan Dutta, Manager Materials, Ph: 03742808705.  
(Gm-fa)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	No
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**Details of the Competent Authority for MII**

Name of Competent Authority	Rupak Kalita(Based on Notification no. FP-20013/2/2017-FP-PNG dtd. 17.11.2020 of MoPNG)
Designation of Competent Authority	GM(C&P),Corporate Office (Based on Notification no. FP-20013/2/2017-FP-PNG dtd. 17.11.2020 of MoPNG)
Office / Department / Division of Competent Authority	OIL, C&P (Based on Notification no. FP-20013/2/2017-FP-PNG dtd. 17.11.2020 of MoPNG)
CA Approval Number	OIL 62/C&P/267/2020 (Based on Notification no. FP-20013/2/2017-FP-PNG dtd. 17.11.2020 of MoPNG)
Competent Authority Approval Date	18-07-2022
Brief Description of the Approval Granted by Competent Authority	Oil India Limited has adopted Purchase Preference policy linked with Local Content issued by MOPNG vide notification no. FP-20013/2/2017-FP-PNG dated 17.11.2020 and the original policy was approved by the Cabinet. This policy is applicable for tender value more than Rs. 1.0 Crore to treat the local supplier as Class I, Class II and Non Local Supplier and to extend the benefit of purchase preference accordingly as per policy.

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

**MSE Purchase Preference**

MSE Purchase Preference	Yes
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1. 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.

## REMOTE IGNITION SYSTEM FOR FLARES ( 2 pieces )

Brand Type	Unbranded
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### Technical Specifications

Buyer Specification Document	<a href="#">Download</a>
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### Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	80%
Min Cost Allocation for ICT as a % of product cost	1%
Number of days allowed for ICT after site readiness communication to seller	90 Days

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Chandana Phukan	786602,Oil India Limited, Duliajan, Assam	2	180

### Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Tender document-1423874 <a href="#">View</a>	Tender document-1423874	REMOTE IGNITION SYSTEM FOR FLARES(2)

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

generalized and would not lead to any restrictive bidding.

## Buyer Added Bid Specific Terms and Conditions

### 1. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

### 2. Generic

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. Generic

**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.

### 4. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

### 5. Warranty

Warranty period of the supplied products shall be as given in specifications 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.

### 6. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

### 7. Generic

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.

### 8. Generic

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 : 12%

Notification No.and date : 8/2022 dated 13/07/2022

## 9. Generic

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."

## 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 specifications 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[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---**

**Ref: PR No. 1423874**

**SCOPE: SUPPLY AND INSTALLATION & COMMISSION OF REMOTE IGNITION SYSTEM FOR FLARES AT SALMARI OCS 1 AND SALMARI OCS 2, QTY.: 2NOS.**

**ANNEXURE – AA**

Preamble: OIL INDIA LIMITED (OIL), a “Navaratna” Category, Government of India Enterprise, is a premier oil company engaged in exploration, production and transportation of crude oil & natural gas with its headquarter at Duliajan, Assam. Duliajan is well connected by Air with nearest Airport being at Dibrugarh, 45 km away.

Being an exploration and development (E&P) company, we comes under the purview of Oil Industry Safety Directives (OISD). Basically we explore crude oil from the mother earth, removes the water content and associated natural gas through a series of processes at Oil Collecting Stations (OCS) and finally pumped the dry crude to the refineries. In this process the associated gas coming out with the crude oil are sometimes need to be flared as a part of the process. So each OCS is having three flare lines for high pressure (HP) flare, low pressure (LP) flare and the stabilizer flare.

Now as per OISD-STD-106, clause no. 8.3.10, to ensure ignition of flare gases, continuous pilots with a means of remote ignition are recommended for all flares.

**(A) Specification and scope of work:** Design, supply, installation and commissioning of High Energy Ignition (HEI) based remote ignition system for GROUND flares of Salmari OCS-1 & Salmari OCS-2.

**(B) Objective:** The system shall be designed as per API 537 standard and in such a way that the operator can start the burner from the control room situated at a safe area at a distance of about 160 metres from the flare pit.

**(C) General Specification:** The proposed remote ignition system for flares need to be installed and commissioned at a distance of approximately 160 metres from the 230 VAC power source situated outside the installation. Each installation is having three (03) nos. of flares. Hence three (03) nos. of pilot burners with accessories will be required.

**(D) Process description:** As mentioned above there will be three flares in each OCS namely HP flare, LP flare and Stabilizer flare. The flare gas pressure for the three burners will be as follows.

- i. HP flare: 12-20 Kg/cm<sup>2</sup>.
- ii. LP flare: 02-5 Kg/cm<sup>2</sup>.
- iii. Stabilizer flare: 10 psi.

The gas provided for the continuous pilot ignition will be having the following composition.

Methane	: 75.0 – 85.0 % vol. (approx.)
Ethane	: 9.0 – 6.3 % vol. (approx.)
Propane	: 8.0-4.5 % vol. (approx.)
Butane	: 2.4 – 1.2 % vol. (approx.)
Pentane+	: 2.0 – 1.2 % vol. (approx.)
Co2, N2, water vapour	: 2.0 – 1.0 % vol. (approx.)
Pressure	: 30 psi.
Temperature	: 15 to 45 deg C.

**(E) Operating Environment:** The proposed remote ignition system shall be installed at horizontal flare system under open sky. Normal operating condition will be 5 to 50 deg. C and 0 to 90 ±10% RH. Average rainfall in these areas is 300 mm.

**(F) Major components:** The following basic components are considered for one (01) installation only.

(a) Pilot burner assembly: It shall include complete pilot burner system including mixer, pilot line, thermocouple along with junction box and extension cable, ignition rod, perforated burner tip etc. MOC shall be stainless steel.

Qty.: 03 nos. of pilot burner assembly.

(b) High Energy Ignition cable: High energy ignition cable of following minimum specification shall be supplied.

Qty.: 90 metres. (30 metres for each burner)

**Specification of the HEI cable:**

No. of conductor: 02

Size: 12 AWZ

Material: NPC 27%

Jacket Material: FEP pulling jacket

Jacket thickness: 0.10” or better.

Maximum operating temperature: 450 deg C or better.

Insulation: Fibreglass braid

International regulation and certification: UL5107/CSA Inner conductors.

(c) Thermocouple assembly: This includes thermocouple (K type), junction box, clamping arrangement, extension cable as needed etc.

Qty: 03 nos.

(d) Pilot gas regulator: The bidder shall supply good quality of pilot gas regulator of suitable size to be installed in the pilot gas line.

Qty: 03 nos.

(e) Local enclosure JB : The local enclosure shall be installed outside the boundary wall of the flare pit. It will accommodate the HEI module.

Qty: 03 nos.

**Note:**

- a. Junction boxes shall be explosion proof and weather-proof to IP65. Relevant certificate has to be furnished by the bidder alongwith their offer.
  - b. 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.
  - c. Junction boxes shall have separate external terminal for accommodating earthing wires up to 10sqmm.
  - d. Unused cable gland entries should be properly sealed with suitable SS blind plugs as per safety standards for Hazardous area applications.
  - e. Canopy shall be provided over the JB.
- (f) Push button station: The push button station shall be installed at the control room inside the installation which is at a distance of approximately 160 metres away from the flare pit. This station shall be wall mounted containing push buttons to start the pilot burner remotely.

Qty.: 01 no.

(g) Cable Glands:

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.

**(G)INSTALLATION AND COMMISSIONING:**

- a. Installation and commissioning as well as testing of all the remote flare ignition systems shall have to be carried out by the successful bidder's competent personnel at various Oil Field Installations within 40 KMs radius from Duliajan, Assam (India).
- b. During commissioning all required accessories and commissioning spares are to be supplied by the successful bidder/supplier for each OIL Field Installation.



- c. Successful bidder/supplier has to erect all the hardware i.e. Junction box, laying of high energy ignition cables, cable termination, installation of push button station and also fabrications, and civil jobs, if any.
- d. The successful bidder should design and submit the complete cable schedule and P&ID for OIL's approval prior to execution of the job.
- e. The Bidder shall be responsible for all types of Civil, Mechanical, Electrical, & Instrumentation works for installation, commissioning, testing and calibration of the entire remote flare ignition systems.
- f. Laying of power cable (230 VAC) from the control room to the battery limit of the flare pit will be in OIL's scope.
- g. Installation of pipe and necessary gas supply to the pilot burner inside the flare pit will be in OIL's scope.

**(H) NOTES FOR INSTALLATION & COMMISSIONING:**

- a. Bidder shall include unit wise Installation and Commissioning charges in their quoted price for each of the two installations.
- b. All charges including to and fro fares, boarding/lodging, local transportation at Duliajan, Assam, and other expenses of the Supplier's personnel during their stay at Duliajan shall be under the Supplier's scope.
- c. 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.
- d. 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.
- e. 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.
- f. NUISANCE: The successful bidder or his representative shall not at any point of 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 72 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.

- g. 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.

**(I) SAFETY PRACTICES:**

- a. 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 be considered.
- b. 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.
- c. 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.
- d. Any compensation arising due to accident of the successful bidder's personnel while carrying out the job, will be payable by the successful bidder.
- e. The successful bidder shall have to report all incidents including near misses to Installation Manager/ departmental

representative of the concerned department of OIL which may occur during execution of the job.

- f. 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.
- g. 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.
- h. 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.
- i. 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.
- j. The successful bidder shall observe and abide by all fire and safety regulations of the EMPLOYER.

**(J) SITE ACCEPTANCE TEST (SAT):**

- a. OIL shall provisionally takeover the system after satisfactory completion of functional performance test. System acceptance test shall commence only after the satisfactory performance of the remote ignition system to the full satisfaction of OIL.
- b. Following functional tests shall be part of system acceptance test:
  - i. Hardware verification as per final Bill of Material (BoM).
  - ii. Visual and mechanical check-up for proper workmanship, identification, ferruling, nameplates etc.
  - iii. System configuration as per approved diagram.
  - iv. Demonstration of all system diagnostics.
  - v. Checking of proper functioning of all features of the remote flare ignition systems.
  - vi. Complete Standard Operating Procedure (SOP) of the remote flare ignition systems shall be handed over to

OIL.

- c. Only after successful completion of SAT, the complete system shall be put under observation for 72 continuous hours. 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 system shall be accepted by OIL.
- d. The supplier shall impart training to OIL's site personnel for routine operation & preventive maintenance of the remote flare ignition system.

**(K) DELIVERY:**

- a. 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 Salmari OCS-1 and Salmari OCS-2 for ease of identification and subsequent logistic transportation at the time of installation and commissioning.
- b. 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.
- c. 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 06 months 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.

**(L) GENERAL NOTES:**

- a. 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 – 3 (Bill of Materials).**

- b. The successful bidder shall arrange all the materials labour, tools and tackles etc. required for successful execution of work. OIL shall provide no materials/tools/equipment.
- c. 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.
- d. 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.
- e. 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.
- f. 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.
- g. If the successful bidder brings labourers from outside the state of Assam, the necessary approval from concerned govt. authorities, labour clearance etc. shall be in his scope.
- h. The successful bidder shall provide PPE (personal protective equipment) 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.

#### **M) SPECIAL TERMS AND CONDITIONS:**

I) Bidder shall categorically confirm/comply (whichever is applicable) to each and every point of the technical specification, BEC/BRC as well as special terms and conditions of the tender.

II) The scope of supply and installation shall include Remote Ignition System for flares including all accessories for successful commissioning.

III) The bidder must provide all relevant technical catalogues of the offered make and model of the proposed items and other accessories along with their bid for technical evaluation.

IV) All electronic/electrical instruments and equipment to be used in hazardous area shall fulfil the following:

a. 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.

b. 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.

c. 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. Copy of the gazette notification shall be attached for reference.

V) The P&ID diagram of the proposed system as well Bill of Material (BOM) shall be submitted to OIL for evaluation purpose. However the same need to be approved from OIL before execution.

VI) 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.

VII) The supplier must submit an undertaking along with the bid that the spares and consumables for the Burner management system shall be available for next six (06) years from the date of successful commissioning.

VIII) Inspection: The item may be inspected by OIL's deputed Engineers at supplier's premise prior to dispatch. The bidder shall inform M/s OIL at least 15 days before for physical inspection of the items at their works. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.

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

**GENERAL CONFORMITY**

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

**(I) BID REJECTION CRITERIA (BRC)**

**(A) TECHNICAL:**

**1.0 BIDDERS' QUALIFYING CRITERIA:**

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

1.2 The bidder shall be authorized agent / dealer / channel partner/ distributor / 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. 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/ channel partner/ 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, installation & commissioning by themselves:

(A) The OEM must have the experience of successfully supplying (either by themselves or through any sole selling agent/channel partner/ dealer/ distributor/ supply house) one order of 50% of the quantity of the tender for Remote Ignition System for Flares during last five (05)

years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per Para 2.3.1(a) & 2.3.1(b).

(B) The OEM must have the experience of successfully carrying out installation and commissioning of Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.2 (a) & 2.3.2(b)

2.1.2 OEM proposing for supply by themselves and installation & commissioning by their authorized service provider/ distributor/ channel partner/ sole selling agent/ supply house:

A) The OEM must have experience of successfully supplying (either by themselves or through any sole selling agent/ channel partner/ dealer/ distributor/ supply house) one order of 50% of the quantity of the tender for Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.1(a) & 2.3.1(b).

B) The OEM authorized service provider/ channel partner/ distributor / sole selling agent/ supply house must have experience of successfully carrying out installation and commissioning of Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.2 (a) & 2.3.2(b)

**2.2 IN CASE THE BIDDER is a Sole Selling Agent/Dealer/ channel partner/ 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 ref 2.1.2(A)

ii) Additionally, the bidder as a sole selling agent/ channel partner/ dealer/ distributor/ supply house must have experience of successfully carrying out installation and commissioning of Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.2 (a) & 2.3.2(b).

### **2.3 NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA:**

2.3.1 The following documentary evidences to substantiate above supply experience (2.1.1 (A), 2.1.2 (A) and 2.2 (i), as applicable) of the Bidder must be submitted along with the technical bid, failing which the Bid shall be treated as incomplete and rejected:

(a) Copy of Purchase order/contract awarded by Client

(b) Any one or combination of the following documents that confirms the successful supply of the purchase order / contract-

- Bill of lading,

- Delivery challan / invoice etc.

- Any other documentary evidence that can substantiate the successful supply of the Purchase Order / contract cited above.



2.3.2 The following documentary evidence to substantiate the above installation & commissioning experience (2.1.1 (B), 2.1.2 (B) and 2.2 (ii), as applicable) of the Bidder must be submitted along with the technical bid, failing which the Bid shall be treated as incomplete and rejected:

- (a) Copy of Purchase order/contract awarded by Client.
- (b) 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).

OR

Any one or combination of the following documents that confirms the successful execution of the purchase order / contract –

- Completion report / performance certificate from the clients,
- Any other documentary evidence that can substantiate the successful execution of the Purchase Order / contract cited above.

2.3.2 The date of purchase order/contract need not be within five (05) years preceding the original bid closing date of the Tender, but installation & commissioning/ supply of required quantity must be within five (05) 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 along with 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/ contract must bear the purchase order number/ contract number which clearly indicate the scope of work and technical specifications of the item.

2.3.6 The experience of the bidder's sister concern/ subsidiary shall not be considered for evaluation.

## **A2: FINANCIAL CRITERIA**

- 1.0 **Annual Turnover:** The bidder shall have an annual financial turnover of minimum **INR 20,79,000.00** during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.
- 2.0 **"Net Worth"** of the bidder must be positive for the financial/accounting year just proceeding to the original Bid Closing Date of the Tender (**i.e., Year 2021-22**).
- 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 (**ref. Proforma-6**) certifying that 'the balance sheet/Financial Statements for the financial year **2021-22** has actually not been audited so far'.

**Note:**

- a) For proof of Net worth any one of the following document must be submitted along with the technical bid:-
    - i) A certificate issued by a practicing Chartered / Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual Turnover & Net worth as per format prescribed in **Proforma-7**.  
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\$, then 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 submit 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 1.0 above.
  - ii) Net Worth of the parent/ultimate parent/ holding company should be positive in line with Para 2.0 above.
  - iii) Corporate Guarantee (as per Proforma-8) 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) Document of subsidiary company being 100% owned subsidiary of the parent/ ultimate parent/ holding company.

**GENERAL NOTES TO BIDDERS**

**1.0 Delivery Schedule:**

Time frame for project completion is to be divided into two parts.

(i)The first part is for supply of items which has to be completed within 06 (Six) months from the date of issue of Purchased Order (PO).

(ii)The second part is for Installation and Commissioning which has to be completed within 03 (three) months of intimation of site readiness.

**2.0** 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.

**3.0** The Bidder to submit following Technical Evaluation Sheet & Appendices along with technical bid -

**Annexure -A:** Bid Evaluation Matrix (Bid Rejection Criteria)

**Appendix – B:** Commercial Checklist

**Annexure-2:** Technical Checklist

**Annexure-3:** Bill of Materials

**4.0** Clause deleted.

**5.0** **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 issued by MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISE.**

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

**i. Udyam Registration Number with Udyam Registration Certificate.**

***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.***

**6.0 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.

- 7.0 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.

### Annexure-A

<b>TECHNICAL EVALUATION MATRIX FOR BRC (TECHNICAL)</b> <b>(TO BE DULY FILLED IN BY BIDDER AND SIGNED)</b>			
<b>BID EVALUATION CRITERIA</b>			
<b>Clause Number</b>	<b>DESCRIPTION</b>	<b>BIDDER'S RESPONSE</b> <b>(TO BE FILLED BY THE BIDDER)</b>	
		<b>(Complied / Not Complied / Deviation / Not Applicable)</b>	<b>Relevant Location of their Bid to support the remarks / compliance</b> (Reference of Document name / Serial number / Page number of bid for documentary evidence)
A1	<b>TECHNICAL CRITERIA:</b>		
1.0	<b>BIDDERS' QUALIFYING CRITERIA:</b>  1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of the tendered item(s) OR 1.2 The bidder shall be authorized agent / dealer / channel partner/ distributor / 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. 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/ channel partner/ 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.		
<b>2.0</b>	<b>BIDDERS' EXPERIENCE:</b>		
2.1	<p><b>2.1 IN CASE THE BIDDER IS A MANUFACTURER (OEM):</b></p> <p>2.1.1 OEM proposing for supply, installation &amp; commissioning by themselves:</p> <p>(A) The OEM must have the experience of successfully supplying (either by themselves or through any sole selling agent/channel partner/ dealer/ distributor/ supply house) one order of 50% of the quantity of the tender for Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per Para 2.3.1(a) &amp; 2.3.1(b).</p> <p>(B) The OEM must have the experience of successfully carrying out installation and commissioning of Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.2 (a) &amp; 2.3.2(b)</p> <p>2.1.2 OEM proposing for supply by themselves and installation &amp; commissioning by their authorized service provider/ distributor/ channel partner/ sole selling agent/ supply house:</p> <p>A) The OEM must have experience of successfully supplying (either by themselves or through any sole selling agent/ channel partner/</p>		

	<p>dealer/ distributor/ supply house) one order of 50% of the quantity of the tender for Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.1(a) &amp; 2.3.1(b).</p> <p>B) The OEM authorized service provider/ channel partner/ distributor / sole selling agent/ supply house must have experience of successfully carrying out installation and commissioning of Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.2 (a) &amp; 2.3.2(b)</p>		
2.2	<p><b>2.2 IN CASE THE BIDDER is a Sole Selling Agent/Dealer/Distributor/Supply House of the Original Equipment Manufacturer (OEM):</b></p> <p>The following criteria shall be met by the Bidder and the OEM:</p> <p>i) Their proposed OEM must satisfy clause ref 2.1.2(A)</p> <p>ii) Additionally, the bidder as a sole selling agent/ channel partner/ dealer/ distributor/ supply house must have experience of successfully carrying out installation and commissioning of Remote Ignition System for Flares during last five (05) years preceding to the original bid closing date of the tender. Documentary evidences in this regard must be submitted along with the technical bid as per para 2.3.2 (a) &amp; 2.3.2(b).</p>		
2.3	<p><b>2.3 NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA:</b></p> <p>2.3.1 The following documentary evidences to substantiate above supply experience (2.1.1 (A), 2.1.2 (A) and 2.2 (i), as applicable) of</p>		

	<p>the Bidder must be submitted along with the technical bid, failing which the Bid shall be treated as incomplete and rejected:</p> <p>(a) Copy of Purchase order/contract awarded by Client  (b) Any one or combination of the following documents that confirms the successful supply of the purchase order / contract-</p> <ul style="list-style-type: none"> <li>- Bill of lading,</li> <li>- Delivery challan / invoice etc.</li> <li>- Any other documentary evidence that can substantiate the successful supply of the Purchase Order / contract cited above.</li> </ul> <p>2.3.2 The following documentary evidence to substantiate the above installation &amp; commissioning experience (2.1.1 (B), 2.1.2 (B) and 2.2 (ii), as applicable) of the Bidder must be submitted along with the technical bid, failing which the Bid shall be treated as incomplete and rejected:</p> <p>(a) Copy of Purchase order/contract awarded by Client.</p> <p>(b) True copies of Original Signed and sealed Completion report/performance certificate from the clients (on Client's/User's official letter head with signature &amp; stamp).</p> <p>OR</p> <p>Any one or combination of the following documents that confirms the successful execution of the purchase order / contract –</p> <ul style="list-style-type: none"> <li>- Completion report / performance certificate from the clients,</li> <li>- Any other documentary evidence that can substantiate the successful execution of the Purchase Order / contract cited above.</li> </ul>		
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	<p>2.3.2 The date of purchase order/contract need not be within five (05) years preceding the original bid closing date of the Tender, but installation &amp; commissioning/ supply of required quantity must be within five (05) years preceding the original bid closing date of this tender.</p> <p>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.</p> <p>2.3.4 Against all supporting documents submitted by the bidder along with the technical bid, originals must be kept ready and to be produced for verification of OIL, if called for.</p> <p>2.3.5 The purchase order/ contract must bear the purchase order number/ contract number which clearly indicate the scope of work and technical specifications of the item.</p> <p>2.3.6 The experience of the bidder's sister concern/ subsidiary shall not be considered for evaluation.</p>		
A.2	<b>FINANCIAL CRITERIA:</b>		
	<p>1.0 <b>Annual Turnover:</b> The bidder shall have an annual financial turnover of minimum <b>INR 20,79,000.00</b> during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.</p>		

	<p>2.0 <b>"Net Worth"</b> of the bidder must be positive for the financial/accounting year just proceeding to the original Bid Closing Date of the Tender <b>(i.e., Year 2021-22)</b>.</p> <p>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 <b>(ref. Proforma-6)</b> certifying that 'the balance sheet/Financial Statements for the financial year <b>2021-22</b> has actually not been audited so far'.</p> <p><b>Note:</b></p> <p>b) For proof of Net worth any one of the following document must be submitted along with the technical bid:-</p> <p>i) A certificate issued by a practicing Chartered / Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual Turnover &amp; Net worth as per format prescribed in <b>Proforma-7</b>.</p> <p>OR</p> <p>ii) Audited Balance Sheet along with Profit &amp; 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</p>		
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	<p>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	<p>In case the Audited Balance Sheet and Profit &amp; Loss Account submitted along with the bid are in currencies other than INR or US\$, then 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 &amp; Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.</p>		
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 submit its bid based on the strength of parent/ ultimate parent/ holding company, then following documents need to be submitted:</p>		
i)	<p>Turnover of the parent/ ultimate parent/ holding company should be in line with Para 1.0 above.</p>		
ii)	<p>Net Worth of the parent/ultimate parent/ holding company should be positive in line with Para 2.0 above.</p>		
iii)	<p>Corporate Guarantee (as per Proforma-8) 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)	<p>Document of subsidiary company being 100% owned subsidiary of the parent/ ultimate parent/ holding company.</p>		

## Annexure 2

Technical Check sheet			
Specification Number	Description	Relevant Location of their Bid to support the remarks / compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)	BIDDER'S RESPONSE (Complied / Not Complied / Deviation/ Not Applicable)
(A)	<b>Specification and scope of work:</b> Design, supply, installation and commissioning of High Energy Ignition (HEI) based remote ignition system for flares of Salmari OCS-1 & Salmari OCS-2.		
(B)	<b>Objective:</b> The system shall be designed as per API 537 standard and in such a way that the operator can start the burner from the control room situated at a safe area at a distance of about 160 metres from the flare pit.		
(C)	<b>General Specification:</b> The proposed remote ignition system for flares need to be installed and commissioned at a distance of approximately 160 metres from the 230 VAC power source situated outside the installation. Each installation is having three (03) nos. of flares. Hence three (03) nos. of pilot burners with accessories will be required.		
(D)	<p><b>Process description:</b> As mentioned above there will be three flares in each OCS namely HP flare, LP flare and Stabilizer flare. The flare gas pressure for the three burners will be as follows.</p> <ul style="list-style-type: none"> <li>iv. HP flare: 12-20 Kg/cm<sup>2</sup>.</li> <li>v. LP flare: 02-5 Kg/cm<sup>2</sup>.</li> <li>vi. Stabilizer flare: 10 psi.</li> </ul>		

	<p>The gas provided for the continuous pilot ignition will be having the following composition.</p> <p>Methane : 75.0 – 85.0 % vol. (approx.)</p> <p>Ethane : 9.0 – 6.3 % vol. (approx.)</p> <p>Propane : 8.0-4.5 % vol. (approx.)</p> <p>Butane : 2.4 – 1.2 % vol. (approx.)</p> <p>Pentane+ : 2.0 – 1.2 % vol. (approx.)</p> <p>Co2, N2, water vapour : 2.0 – 1.0 % vol. (approx.)</p> <p>Pressure : 30 psi.</p> <p>Temperature : 15 to 45 deg C.</p>		
(F)	<p>Operating Environment: The proposed remote ignition system shall be installed at horizontal flare system under open sky. Normal operating condition will be 5 to 50 deg. C and 0 to 90 ±10% RH. Average rainfall in these areas is 300 mm.</p>		
<p><b>(F) Major components:</b> The following basic components are considered for one (01) installation only.</p>			
	<p>(h) Pilot burner assembly: It shall include complete pilot burner system including mixer, pilot line, thermocouple along with junction box and extension cable, ignition rod, perforated burner tip etc. MOC shall be stainless steel.</p> <p>Qty.: 03 nos. of pilot burner assembly.</p>		
	<p>(i) High Energy Ignition cable: High energy ignition cable of following minimum specification shall be supplied.</p> <p>Qty.: 90 metres. (30 metres for each burner)</p> <p><b>Specification of the HEI cable:</b>  No. of conductor: 02  Size: 12 AWZ  Material: NPC 27%  Jacket Material: FEP pulling jacket  Jacket thickness: 0.10” or better.  Maximum operating temperature: 450 deg C or better.  Insulation: Fibreglass braid  International regulation and certification: UL5107/CSA Inner conductors.</p>		

	<p>(j) Thermocouple assembly: This includes thermocouple (K type), junction box, clamping arrangement, extension cable as needed etc. Qty: 03 nos.</p>		
	<p>(k) Pilot gas regulator: The bidder shall supply good quality of pilot gas regulator of suitable size to be installed in the pilot gas line. Qty: 03 nos.</p>		
	<p>(l) Local enclosure JB : The local enclosure shall be installed outside the boundary wall of the flare pit. It will accommodate the HEI module. Qty: 03 nos.</p> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>Junction boxes shall be explosion proof and weather-proof to IP65. Relevant certificate has to be furnished by the bidder along with their offer.</li> <li>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.</li> <li>Junction boxes shall have separate external terminal for accommodating earthing wires up to 10sqmm.</li> <li>Unused cable gland entries should be properly sealed with suitable SS blind plugs as per safety standards for Hazardous area applications.</li> <li>Canopy shall be provided over the JB.</li> </ol>		

	<p>(m) Push button station: The push button station shall be installed at the control room inside the installation which is at a distance of approximately 160 metres away from the flare pit. This station shall be wall mounted containing push buttons to start the pilot burner remotely.</p> <p>Qty.: 01 no.</p>		
	<p>(n) Cable Glands:</p> <p>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.</p>		
<b><u>(G)INSTALLATION AND COMMISSIONING:</u></b>			
	<p>a. Installation and commissioning as well as testing of all the remote flare ignition systems shall have to be carried out by the successful bidder's competent personnel at various Oil Field Installations within 40 KMs radius from Duliajan, Assam (India).</p>		
	<p>b. During commissioning all required accessories and commissioning spares are to be</p>		

	supplied by the successful bidder/supplier for each OIL Field Installation.		
	c. Successful bidder/supplier has to erect all the hardware i.e. Junction box, laying of high energy ignition cables, cable termination, installation of push button station and also fabrications, and civil jobs, if any.		
	d. The successful bidder should design and submit the complete cable schedule and P&ID for OIL's approval prior to execution of the job.		
	e. The Bidder shall be responsible for all types of Civil, Mechanical, Electrical, & Instrumentation works for installation, commissioning, testing and calibration of the entire remote flare ignition systems.		
	f. Laying of power cable (230 VAC) from the control room to the battery limit of the flare pit will be in OIL's scope.		
	g. Installation of pipe and necessary gas supply to the pilot burner inside the flare pit will be in OIL's scope.		
<b>(H) <u>NOTES FOR INSTALLATION &amp; COMMISSIONING:</u></b>			
	h. Bidder shall include unit wise Installation and Commissioning charges in their quoted		



	price for each of the two installations.		
	<p>i. All charges including to and fro fares, boarding/lodging, local transportation at Duliajan, Assam, and other expenses of the Supplier's personnel during their stay at Duliajan shall be under the Supplier's scope.</p> <p>j. 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.</p>		
	<p>k. The successful bidder shall carry out Work normally during day light hours &amp; 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.</p>		
	<p>l. 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.</p>		
	<p>m. <u>NUISANCE</u>: The successful bidder or his representative shall not at any point of 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 72 Hours or as per</p>		

	instruction of Engineer-in-Charge. In case of any dispute the decision of Engineer-in-Charge shall be final and binding.		
	n. <u>CARE OF WORKS</u> : 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.		
<b>(I) <u>SAFETY PRACTICES</u>:</b>			
	k. 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 be considered.		
	l. Stand by firefighting equipment will be deployed at the work site by OIL. However, at least two of the		

	<p>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.</p>		
	<p>m. 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.</p>		
	<p>n. Any compensation arising due to accident of the successful bidder's personnel while carrying out the job, will be payable by the successful bidder.</p>		
	<p>o. The successful bidder shall have to report all incidents including near misses to Installation Manager/ departmental representative of the concerned department of OIL which may occur during execution of the job.</p>		
	<p>p. 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.</p>		
	<p>q. When there is a significant risk to</p>		

	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.		
	r. 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.		
	s. 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.		
	t. The successful bidder shall observe and abide by all fire and safety regulations of the EMPLOYER.		
<b>(J) SITE ACCEPTANCE TEST (SAT):</b>			
	e. OIL shall provisionally takeover the system after satisfactory completion of functional performance test. System acceptance test shall commence only after the satisfactory performance of the remote ignition system to the full satisfaction of OIL.		

	<p>f. Following functional tests shall be part of system acceptance test:</p> <ul style="list-style-type: none"> <li>i. Hardware verification as per final Bill of Material.</li> <li>ii. Visual and mechanical check-up for proper workmanship, identification, ferruling, nameplates etc.</li> <li>iii. System configuration as per approved diagram.</li> <li>iv. Demonstration of all system diagnostics.</li> <li>v. Checking of proper functioning of all features of the remote flare ignition systems.</li> <li>vi. Complete Standard Operating Procedure of the remote flare ignition systems shall be handed over to OIL.</li> </ul>		
	<p>g. Only after successful completion of SAT, the complete system shall be put under observation for 72 continuous hours. During this period, any malfunctioning of the system components shall be replaced/repaired 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 system shall be accepted by OIL.</p>		
<b>(K) DELIVERY:</b>			
	<p>d. 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 Salmari</p>		

	OCS-1 and Salmari OCS-2 for ease of identification and subsequent logistic transportation at the time of installation and commissioning.		
	e. 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.		
	f. 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 06 months 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.		
	g. 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.		

<b>(L) GENERAL NOTES:</b>			
	<p>a. 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. <b>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 - 3 (Bill of Materials).</b></p>		
	<p>b. The successful bidder shall arrange all the materials labour, tools and tackles etc. required for successful execution of work. OIL shall provide no materials/tools/equipment.</p>		
	<p>c. 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.</p>		

	d. 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.		
	e. 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.		
	f. 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.		
	g. If the successful bidder brings labourers from outside the state of Assam, the necessary approval from concerned govt. authorities, labour clearance etc. shall be in his scope.		
	h. The successful bidder shall provide PPE (personal protective equipment) 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.		
<b><u>SPECIAL TERMS AND CONDITIONS</u></b>			
	I) Bidder shall categorically confirm/comply (whichever is applicable) to each and every point		



	of the technical specification, BEC/BRC as well as special terms and conditions of the tender.		
	II) The scope of supply and installation shall include Remote Ignition System for flares including all accessories for successful commissioning.		
	III) The bidder must provide all relevant technical catalogues of the offered make and model of the proposed items and other accessories along with their bid for technical evaluation.		
	<p>IV) All electronic/electrical instruments and equipment to be used in hazardous area shall fulfil the following:</p> <p>a. 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.</p> <p>b. 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.</p> <p>c. 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. Copy of the gazette notification shall be attached for reference.</p>		
	V) The P&ID diagram of the proposed system as well Bill of Material (BOM) shall be submitted to OIL for evaluation purpose. However the same need to be approved from OIL before execution.		
	VI) 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.		
	VII)The supplier must submit an undertaking along with the bid that the spares and consumables for the Burner management system shall be available for next six (06) years from the date of successful commissioning.		
	VIII)Inspection: The item may be inspected by OIL's deputed EngineerS at supplier's premise prior to dispatch. The bidder shall inform M/s OIL at least 15 days before for physical inspection of the items at their works. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.		

**Annexure 3****BILL OF MATERIALS**

<b>SL. No.</b>	<b>Description</b>	<b>Quantity</b>
1	Pilot burner assembly	03 sets.
2	High Energy Ignition cable	90 metres.
3	Thermocouple assembly	03 sets
4	Pilot Gas Regulator	03 nos.
5	Local enclosure Ex proof JB with 1 no. HEI module fitted in each enclosure	03 nos.
6	Push button station	1 no.

**Note: The above Bill of material (BOM) is for one (01) installation and for reference purpose only. Bidders need to supply any additional items if required for successful installation and commissioning of the system. Cost towards any additional item shall be incorporated in the bid itself.**

**ANNEXURE-B****COMMERCIAL CHECKLIST:**

<b>Sl.</b>	<b>REQUIREMENT</b>	<b>COMPLIANCE</b>
1.0	Whether quoted as manufacturer?	Yes / No
2.0	Whether quoted as OEM Dealer / Supply House etc. To Specify-	Yes / No
2.1	If quoted as OEM Dealer / Supply House. (a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered?	Yes / No
2.2	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	Yes / No
2.3	Whether all documents have been submitted as required for fulfilling Experience criteria clause of BRC-Technical.	Yes / No
3	Name of Manufacturer.	
4	Local content amount and percentage. Details of locations at which the local value addition is made.	
5	Name, Address, Phone No & E-mail id of Bidder.	

**PROFORMA – 6**

**FORMAT FOR CERTIFICATE OF COMPLIANCE OF FINANCIAL CRITERIA**

**Ref: Clause No. B - Financial Criteria of the BEC**

**Tender No.:** \_\_\_\_\_

**I ..... the authorized signatory(s) of  
..... (Company or firm name with address) do hereby solemnly 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 - 7**

**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

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

**TO WHOM IT MAY CONCERN**

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

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

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

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

**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 – 8**

### **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.

<p>for and on behalf of (Parent/Ultimate Parent/ Holding Company) (Delete whichever not applicable)</p> <p>Witness:</p> <p>1.</p> <p>2.</p>	<p>for and on behalf of (Bidder)</p> <p>Witness:</p> <p>1.</p> <p>2.</p>
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