



OIL INDIA LIMITED
(A Govt. of India Enterprise)
P.O. DULIAJAN, DIST -
DIBRUGARH
ASSAM, INDIA, PIN-786602

CONTRACTS DEPARTMENT
TEL: (91) 374-2800548
E-mail: contracts@oilindia.in
Website: www.oil-india.com
FAX: (91) 374-2803549

CORRIGENDUM NO. 5 DATED 19.10.2023

to

BID NO. GEM/2023/B/3884152 DATED: 28.08.2023

for

Hiring of service for Supply, Installation and Commissioning of CCTV Surveillance System with Comprehensive Annual Maintenance consisting of Explosion Proof Cameras for outdoor & hazardous environment of Oil & Gas Sector for live viewing and recording.

This Corrigendum is issued to notify the following changes:

1.0 The following documents have been uploaded in the “Buyer uploaded ATC document” Tab in GeM-portal as replacements of the existing:

i. **PRE-QUALIFICATION CRITERIA (PQC) (Revised).**

Note: Bidders are advised to go through the revised Pre-Qualification criteria. Accordingly, bid evaluation shall be carried out per the terms & conditions of the revised Pre-Qualification criteria. The Pre-Qualification criteria uploaded under “Pre-Qualification Criteria (PQC) etc if any required” tab stands deleted.

ii. **SCOPE OF WORK (SOW) (Revised).**

iii. **PRICE BIDDING FORMAT (Revised).**

Note: a revised Price Bidding Format has been enclosed in the following link.

<https://docs.google.com/spreadsheets/d/1BrofNrhyTsxyn1BxGwtwoX5TiyOsne1/edit?usp=sharing&ouid=107929395769771907366&rtpof=true&sd=true>

Bidders are advised to quote the offer as per the revised Price Bidding Format enclosed in the above link.

iv. **TECHNICAL EVALUATION SHEET FOR PQC (Revised).**

Note: Duly filled technical evaluation sheet for PQC is to be submitted along with the technical bid.

2.0 Extension of dates:

Bid Submission and Bid Opening dates extended up to **30.10.2023 (14:00 Hrs: Server Time)** and **30.10.2023 (14:30 Hrs: Server Time)**, respectively.

All others terms and conditions of the Bid Document remain unchanged.

SD/-

SR. OFFICER- CONTRACTS (O)

REVISED PRE-QUALIFICATION CRITERIA (PQC)

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

GENERAL CONFORMITY:

The bid shall conform to the specifications and terms and conditions given in the Bidding Documents. Bids shall be rejected in case material and services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bid to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and will not be considered for evaluation. All the documents related to BEC shall be submitted along with the Technical Bid.

1.0 ELIGIBILITY CRITERIA:

The bidder must be incorporated/registered in India and must maintain more than or equal to 20% local content (LC) for the offered services to be eligible to bid against this tender.

Regarding calculation of local content and submission of documents during bidding & execution of contracts, provision of **Public Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India as revised vide Order No. P45021/2/2017-PP (BE-II) dated 16th September 2020 (and as amended time to time) with modifications as notified vide MoP&NG Order No. FP-20013/2/2017-FP-PNG-Part (4) (E-41432) dated 26th April 2022**, shall be applicable.

Whether **or not** the bidders want to avail PP-LC benefit against this tender, it is mandatory for them to meet the following at the bidding stage:

- (a) The bidder must provide the **percentage (%) of local content** in their bid, without which the bid shall be liable for rejection being non-compliant.
- (b) The Bidder shall submit an undertaking **PROFORMA-XII** from the authorised signatory of bidder having the Power of Attorney along with the bid, stating that the bidder meets the minimum LC requirement **(Categorically specifying the % of LC)** and such undertaking shall become a part of the contract, if awarded.
- (c) The aforesaid undertaking of the bidder shall also 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 practicing chartered accountant (in respect of other than companies) giving the percentage of local content.
- (d) Along with the technical bid, bidder must submit a copy of their Certificate of Incorporation / Registration or any other valid document(s) which substantially establishes its constitution in India.

2.0 TECHNICAL EVALUATION CRITERIA:

2.1 BIDDER'S QUALIFICATION CRITERIA:

2.1.1 Bidder shall be classified either as **“OEM of CCTV camera and Network Video Management Solution”** or **“System Integrator of CCTV surveillance solutions”**.

2.1.2 Bidder as System Integrator shall submit an authorization letter from OEM of CCTV camera and Network Video Management Solution to quote against this enquiry. The sample format authorization letter is provided as **Annexure-A** enclosed below.

Note: All CCTV Camera & Network Video Recorder should be from the same OEM.

2.1.3 The Cameras shall be approved for Hazardous areas as per specifications. The copy of supporting documents/certificates from approved agencies (IECEX / ATEX) & PESO in this regard and IP66 or better ingress protection should be submitted along with technical bid.

2.1.4 For electrical appliances, equipment, machinery or other material that are used in Hazardous areas of oil mines (area within 30 m radius from well head), Zone-1/2, copies of Ex-test reports/certificates conforming to IS/IEC 60079 standards and other relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEX accredited laboratory or ATEX notified body (which is not a part of manufacturer's facilities), shall be submitted along with technical bid and also with supply of materials. The latest version of standards shall prevail.

2.1.5 The Contractor must furnish an undertaking along with their technical bid, for all the products/service support along with uninterrupted and timely supply of spare parts for at least 05 (Five) years from the date of successful installation and commissioning.

2.2 BIDDER'S EXPERIENCE CRITERIA:

i) The bidder shall have experience in successfully executing/completing at least 01 (one) **“SIMILAR WORK”** under a single contract during the last 07 (Seven) years reckoned from the original bid closing date in date in Central Govt./State Govt./Public Sector Undertaking/State Govt. Enterprise/any Oil & Gas Sector/ Public Limited Co/E&P company/Drilling installations.

Note: E&P means any company engaged in exploration and production of crude oil & natural gas.

Notes to BEC Clause 2.2 i) above:

a) **“SIMILAR WORK”** mentioned in Para 2.2, i) above means experience of **“Supply, Installation and Commissioning of CCTV Surveillance System with Annual Maintenance consisting of minimum 08 (Eight) Explosion Proof Cameras for outdoor & hazardous environment. for live viewing and recording”**.

- b)** Order/SIMILAR WORK executed in closed premises like office buildings or non-hazardous areas will not be considered as relevant experience.
- c)** Camera OEM should give a declaration on their letterhead that they have never been banned by ONVIF. The OEM should provide necessary documentary evidence for being a member of ONVIF.
- d)** Offered make explosion-proof camera should have minimum 01 (One) year proven track record for satisfactory performance of the products in any Oil & Gas Sector / E&P companies/ Hazardous Environment Application. Performance certificate from end user(s) shall be submitted along with bid.
- e)** In case, the bidder offer a new product/model for cameras, the OEM has to submit their declaration in their letterhead for product upgradation against a successful product having necessary experience/track record as per clause **d)** above.
- f)** Bidder must furnish the following undertakings/supporting documents from the Original Equipment Manufacturer(s) of CCTV & Video Management Solution, Network Switch, Workstation & UPS along with the bid:
 - (i)** The OEM(s) shall guarantee the availability of spares for minimum 5 (Five) years for the offered model.
 - (ii)** The OEM(s) shall have maintenance / service facilities in India.
- g)** Bidder should furnish an undertaking for the product/ service support along with an uninterrupted and timely supply of spare parts for at least 5 (Five) years for the quoted model. The bidder must give details of their after-sales service support/ repair services that will be provided by them for uninterrupted services.
- h)** Bidder to note that change of OEM of any product is not acceptable after submission of bid.
- i)** The bidder shall have single point responsibility for supply, packaging, delivery, installation, testing and commissioning and Maintenance Contract of complete package.
- j)** For proof of requisite experience (refer Clause No. 2.2), the following documents/ photocopy (self-attested/attested) must be submitted along with the bid:
 - A. Contract document showing details of Supply & Work,
AND
 - B. Job Completion Certificate showing:
 - (i) Nature of job done and Work order no./Contract no.
 - (ii) Contract period and date of completionOR
 - C. SES (Service Entry Sheet)/Certificate of Payment (COP) issued by the company indicating the following:
 - (i) Order no./Contract no.
 - (ii) Period of Service

(iii) Nature of Service

E. Satisfactory supply completion/inspection/installation report (if submitted) should be issued on client's official letterhead with signature and stamp.

k) Only Letter of Intent (LOI)/Letter of Award (LOA), or Work Order(s) are not acceptable as evidence.

l) Mere award of contract(s) shall not be counted towards experience. Successful completion of the awarded contract(s) to the extent of volume, as stipulated respectively under Clause Nos. 2.2 shall only be treated as acceptable experience.

m) Following work experience shall also be taken into consideration:

(i) If the prospective bidder has executed contract in which similar work is also a component of the contract. However, work done under job responsibility, job specification or duties performed against the component(s) shall not be considered as work experience under Clause Nos. 2.2.

(ii) In case the start date of the requisite experience is beyond the prescribed 07 (seven) years reckoned from the original bid closing date, but completion is within the prescribed 07 (seven) years reckoned from the original bid closing date. The Work experience failing within the prescribed 07 (seven) years reckoned from the original bid closing date will only be considered.

(iii) If the prospective bidder is executing similar work which is still running and the contract value/quantity executed prior to original bid closing date is equal to or more than the minimum prescribed value in the BEC.

Proof of work experience against Para **m. (i) and (ii)** above, to satisfy a) similar work b) minimum prescribed value/quantity/period c) prescribed period of 07 years, to be submitted as below:

Bidder must submit the breakup of similar work and its quantity/period executed within the prescribed period of 07 (Seven) years reckoned from the original bid closing date. The breakup must be certified by the end user or a certificate issued by a practicing Chartered/Cost Accountant Firm (with Membership Number & Firm Registration Number).

Proof of work experience against Para **m. (iii)** above, to satisfy a) similar work b) minimum prescribed quantity/period c) prescribed period of 07 years, to be submitted as below:

- A. Breakup of similar work
- B. Contract document showing details of work.
- C. LOA/LOI/Work order showing:

- (i) Nature of job awarded.
- (ii) Contract no./Work order no.
- (iii) Contract period and date of completion

D. Certificate of Payment (COP)/SES (Service Entry Sheet) up to the previous month of the original bid closing date of this tender issued by the company indicating the following:

- (i) Work order no./Contract no.
- (ii) Period of Work Done
- (iii) Nature of Service

- n) "SIMILAR WORK" executed through 'sub-contracting' shall not be considered for evaluation.
- o) "SIMILAR WORK" executed by a bidder for its own organization/subsidiary cannot be considered as experience for the purpose of meeting BEC.
- p) Bidders submitting their bid based on the experience of their Technical Collaborator/Joint Venture/Parent/Subsidiary/Co subsidiary/Sister Subsidiary and also from 'Consortium of Companies' shall not be considered.
- q) Bids submitted for part of the work shall be rejected. Bid shall be rejected if not accompanied with adequate documentary proof in support of Work experience as mentioned in Para 2.2.

3.0 FINANCIAL EVALUATION CRITERIA:

- 3.1** Annual Financial Turnover from operations of the bidder during any of preceding 03 (three) financial/accounting years from the original bid closing date should be at least **₹ 1,23,84,000.00 (Rupees One Crore Twenty-Three Lakh Eighty-Four Thousand).**
- 3.2** Net worth of the bidder must be Positive for the preceding financial/accounting year.

Note:

- i. Annual Financial Turnover of the bidder from operations shall mean: "Aggregate value of the realization of amount made from the sale, supply or distribution of goods or on account of services rendered, or both, by the company (bidder) during a financial year" as per the Companies Act, 2013 Section 2 (91).
- ii. Net worth shall mean: "Share capital + Reserves created out of profits and securities Premium – Aggregate value of accumulated losses (excluding revaluation reserves) – deferred expenditure – Miscellaneous Expenditure to the extent not written off and carried forward Loss - Reserves created out of write back of depreciation and amalgamation"

Notes to BEC Clause 3.0 above:

- a. For proof of Annual Turnover from operation & Net worth, any one of the following documents/photocopies must be submitted along with the bid:

- (i) Audited Balance Sheet along with Profit & Loss account.
OR

- (ii) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), as per format prescribed in **PROFORMA-XIV**.

Note: Mention of UDIN (Unique Document Identification Number) is mandatory for all Certificates issued w.e.f. February 1, 2019 by Chartered Accountant in Practice.

- b.** Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months/within the due date for furnishing of audit report as per Section 139(1) of IT Act, 1961 (read along with latest circulars/notifications issued by CBDT from time to time) 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 undertaking in support of the same along with their technical bid as per **PROFORMA-IX**.
- c.** 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.
- d.** In case the bidder is a Government Department, they are exempted from submission of document mentioned under para **a.** and **b.** above.
- e.** Bid will be rejected if not accompanied with adequate documentary proof in support of Annual turnover and Net worth as mentioned above in Para 3.1 & 3.2.

4.0 COMMERCIAL EVALUATION CRITERIA:

- 4.1** The bids are to be submitted in single stage under Two Bid System i.e. Un-priced Techno-Commercial Bid and Price Bid together. The Un-priced techno-commercial bid (or Technical bid) must comprise of all the technical documents substantiating the previous experience, financial & technical credentials of the bidder and any other document as asked for in the bid document. **There should not be any indication of price in the Technical bid; otherwise, the bid shall be rejected straightway.**
- 4.2** Bidders must fill the '**PRICE BIDDING FORMAT / FINANCIAL DOCUMENT**' and compute all-inclusive (including GST) bid value. This all-inclusive (including GST) bid value is to be entered against the 'OFFER PRICE' field in the GeM portal. The duly filled '**PRICE BID / FINANCIAL DOCUMENT**' in electronic form must be submitted by the bidders through GeM Portal only along with the Financial Bid. Any Financial Bid without the duly filled Price Bid may be liable for rejection.

Note:

- i) The breakup of the quoted / offered price, as per the prescribed Price Bid Format **MUST NOT** be uploaded with the technical bid; otherwise the bid **shall be rejected straightway**. Only the black price bid format

complying/confirming that you are quoting for all services under Price bid, may be submitted as a part of technical bid.

- ii) Further, supplementing the quoted “OFFER PRICE” the price bid to be filled up and submitted accordingly i.e by matching their total price including GST to the “**OFFER PRICE**” mentioned in the GeM Portal.

4.3 The quantities shown against each item in the BOQ shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the quantities for various operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual Quantity consumed, as the case may be.

4.4 The price quoted by the successful bidder must be firm during the performance of the contract and not subject to variation on any account except as mentioned in the bid document. Any bid submitted with adjustable price quotation other than the above will be treated as non-responsive and rejected.

4.5 EMD/Bid Security: Bid Security in Original shall be furnished as a part of the Technical Bid and shall reach the office of CGM- Contracts, OIL at Duliajan on or before 14:00 Hrs (IST) on the bid closing date. A scanned copy of the bid security shall however be uploaded in GeM portal along with the Technical Bid. The amount of Bid Security shall be **₹ 22,28,000.00 (Rupees Twenty-Two Lakh Twenty-Eight Thousand)** only. Bid without proper & valid Bid Security will be rejected.

Note: In case bid security is deposited in the form of BG/FDR. the BG/FDR should be valid for **150 days** from the Original Bid Closing date mentioned in the tender, also a duly filled undertaking in the prescribed format (enclosed as **PROFORMA-XI**) must be submitted along with the BG. In case BG is submitted in the form of irrevocable BG, bidders shall submit the BG as per the enclosed format for BG for Bid Security **PROFORMA-V** issued by Nationalized or Scheduled Bank in favour of M/s Oil India Limited and payable at DULIAJAN. The Bank Guarantee must be on Non-Judicial Stamp Paper of requisite value as per Indian Stamp Act purchased in the name of Banker.

4.5.1 In case the bidder is exempted from submission of EMD / Bid security, the bidder shall submit valid documents as mentioned in Clause No. 10 of **(Instructions to Bidders) ITB**.

4.6 Any bid received in the form of Physical document/Telex/Cable/Fax/E-mail will not be accepted.

4.7 Bids shall be typed or written in indelible ink.

4.8 Bids shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by bidder, in which case such corrections shall be initiated by the persons(s) signing (digitally) the bid. However, white fluid should not be used for making corrections. Any bid not meeting this requirement shall be rejected.

4.9 Any bid containing false statement will be rejected and action will be taken by Company as per Bid Document.

- 4.10** Bidder must accept and comply with the following provisions as given in the Tender Document in toto, failing which offer will be rejected:
- (i) Firm price
 - (ii) EMD/Bid Security/Bid Bond
 - (iii) Period of validity of Bid
 - (iv) Price Schedule
 - (v) Performance Bank Guarantee / Security deposit
 - (vi) Delivery / Completion Schedule
 - (vii) Scope of work
 - (viii) Guarantee of material / work
 - (ix) Liquidated Damages clause
 - (x) Tax liabilities
 - (xi) Arbitration / Resolution of Dispute Clause
 - (xii) Force Majeure
 - (xiii) Applicable Laws
 - (xiv) Specifications
 - (xv) Integrity Pact
- 4.11** There should not be any indication of price in the Un-priced Techno-Commercial Bid. A bid will be straightway rejected if this is given in the Un-priced Techno-Commercial Bid.
- 4.12** Bid received with validity of offer less than **120 (One Hundred Twenty) days** from Original Bid Closing Date will be rejected.
- 4.13** The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide “**PROFORMA-XII/INTEGRITY PACT**” 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 Un-priced Techno-Commercial Bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.
- 5.0 PRICE EVALUATION CRITERIA:**
- 5.1** Price bid shall be opened in respect of only the techno-commercially acceptable bidders whose bids have been found to be substantially responsive. A substantially responsive bid is one that meets the terms and conditions of the Tender and/or the acceptance of which bid will not result in indeterminate liability on OIL.
- 5.2** It is to be clearly understood that the assumptions made in respect of the quantities for various operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual number of days/parameter, as the case may be.
- 5.3** The bidders are advised not to offer any discount/rebate separately and to offer their prices after considering discount/rebate, if any.
- 5.4** Conditional and unsolicited discount will not be considered in evaluation. However, if such bidder happens to be the lowest recommended bidder, unsolicited discount without any condition will be considered for computing the contract price.

- 5.5** The inter-se-ranking of the techno-commercially qualified bidders will be determined on overall lowest cost basis (L-1 offer) i.e. considering the Total quoted price inclusive of all liabilities and GST.
- 5.6** In case of identical overall lowest offered rate by more than 01 (one) bidder, the selection will be made in accordance with GeM GTC.
- 5.7** OIL will prefer to deal with registered bidder under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet.
However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid.
- 5.8** Input Tax Credit on GST (Goods & Service Tax) for this service is NOT available to OIL & the bids will be evaluated based on total price including GST.
- 5.9** Based on the evaluation of techno-commercially qualified bidders, the job will be awarded to L-1 bidder.

6.0 GENERAL:

- 6.1** In case bidder takes exception to any clause of bidding document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by company. The loading so done by the company will be final and binding on the bidders. No deviation will however be accepted in the clauses covered under BEC/BRC.
- 6.2** To ascertain the substantial responsiveness of the bid the Company reserves the right to ask the bidder for clarification in respect of clauses covered under BEC/BRC also and such clarifications fulfilling the BEC/BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be evaluated based on the submission. However, mere submission of such clarification shall not make the offer responsive, unless company is satisfied with the substantial responsiveness of the offer.
- 6.3** If any of the clauses in the BEC/BRC contradict with other clauses of bidding document elsewhere, the clauses in the BEC/BRC shall prevail.
- 6.4** Bidder(s) must note that requisite information(s)/financial values etc. as required in the BEC/BRC & Tender are clearly understandable from the supporting documents submitted by the Bidder(s); otherwise Bids shall be rejected.
- 6.5** OIL will not be responsible for delay, loss or non-receipt of applications for participating in the bid sent by mail and will not entertain any correspondence in this regard.
- 6.6** The originals of such documents [furnished by bidder(s)] shall have to be produced by bidder(s) to OIL as and when asked for.

7.0 PURCHASE PREFERENCE CLAUSE:

- 7.1 PURCHASE PREFERENCE TO MSE BIDDERS:** Purchase Preference to Micro and Small Enterprises is applicable for this tender.

Documentation required to be submitted by MSEs: Categorization 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 and as amended time to time.

The bidder claiming the MSE status (**MSE-General, MSE-SC/ST, MSE-Woman**) against this tender has to submit the following documents along with the technical bid 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 or Woman entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by **SC/ST/Woman** entrepreneur should also be enclosed.

7.2 PURCHASE PREFERENCE POLICY (LINKED WITH LOCAL CONTENT) (PP-LC): Purchase preference under Public Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India as revised vide Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 (and as amended time to time) with modifications as notified vide MoPNG Order No. FP-20013/2/2017-FP-PNG-Part (4) (E-41432) dated 26th April 2022, shall be applicable in this tender. Bidders to check the provisions of the Order for their eligibility to bid and seek benefits for Purchase preference, accordingly.

7.3 Contract shall be awarded for the entire scope of work under this tender subject to concurrent application of Public Procurement Policy for MSE Order 2012 and PP(MII) Order 2017 as per Order No. F.1/4/2021-PPD dated 18.05.2023 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Govt. of India and any subsequent amendment thereto.

Note:

- a. In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs - Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy as per **PROFORMA- XV**. Bidder to categorically confirm under which policy i.e. PP-LC or MSE, they want to avail the benefit and to submit requisite document/certificate in support to avail this benefit. The bids shall be evaluated based on their declaration. No benefit shall be given if the bid is submitted without any above declaration along with supporting document as per the respective policies.

- b. The services required under the tender are not splittable.

8.0 COMPLIANCE OF THE COMPETITION ACT, 2002: The bidder shall strictly comply with the provisions of the Competition Act, 2002, more particularly, Section-3 of the Act. Any violation the provisions of the Act shall attract penal action under the Act.

9.0 RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES LAND BORDER WITH INDIA: Subject to Order No. **F. 7/10/2021-PPD (1) dated 23.02.2023** (as amended from time to time), issued by Ministry of Finance, Department of Expenditure, Public Procurement Division, Govt. of India, Bidders should take note of the following:

- 9.1. 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 [Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT)].
- 9.2. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- 9.3. "Bidder from a country which shares a land border with India" for the purpose of this Order means:
- a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- 9.4. The beneficial owner for the purpose of para 10.3 above will be as under:
- 9.4.1 In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.
Explanation:
- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders' agreements or voting agreements;
- 9.4.2 In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
- 9.4.3 In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

- 9.4.4 Where no natural person is identified under 9.4.1 or 9.4.2 or 9.4.3 above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 9.4.5 In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- 9.4.6 An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
- 9.4.7 The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. A declaration as per **Exhibit-I** in this respect to be submitted by the bidder for participation in this tender.
- 9.4.8 **Validity of registration:** In respect of tenders, registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance/placement of order, registration shall not be a relevant consideration during contract execution.
- 9.4.9 If the undertakings viz. **Exhibit-I**, **Exhibit-II** and **Exhibit-III** given by a bidder whose bid is accepted is found to be false, this would be a ground for debarment/action as per OIL's Banning Policy and further legal action in accordance with law.

10.0 CUSTOMS DUTY: In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @12% (BCD Nil & IGST @12%) subject to conditions specified therein (Condition No. 48). However, Condition No. 48 along with List-33 of the said notification has been amended vide Customs Notification No. 02/2022-Customs dated 01.02.2022.

Similarly, the domestic supply of such goods would attract 12% GST (i.e. IGST or CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.

Bidders shall take note of the prevailing customs notifications including the latest amendment vide gazette Notification No. 02/2022-Customs dated 01.02.2022 while quoting their prices. Bidder should consider concessional Customs Duty only for those items appearing in List-33 therein. Items of their import other than those appearing in List-33 of the said gazette notification shall be considered as duty payable on merit basis in their respective bid. OIL shall issue the requisite undertaking/certificate on request from Contractor for availing concessional rate of customs duty only against the items explicitly covered under List-33 of Customs Notification No. 02/2022-Customs dated 01.02.2022 or against any other item(s) subsequently declared by the competent authority during the tenure of the contract to be duty exempted/concessional. However, in the event of refusal/denial by Customs Authority to accord exemption/concession of Customs Duty against import of items which are explicitly covered under List-33 of Notification No. 02/2022-Customs dated 01.02.2022, such applicable customs duty shall be reimbursed at actual by OIL to the Contractor on submission of documentary evidence.

Similarly, the items other than those appearing in List-33 of the said gazette notification, if to be imported by the Contractor for the purpose of execution

of contract against this tender, the same shall be considered as duty payable on merit basis and the applicable customs duty thereof must be included by the bidder in their respective bid value. OIL will not issue any Undertaking/Certificate towards customs duty concession/exemption for those items (not included in List-33 of Notification) and the duty payable on merit shall be borne by the Contractor. However, any other item if subsequently notified by the competent authority to be Duty free/concessional during the tenure of the contract, OIL will issue requisite Certificate/Undertaking for Contractor to avail the Customs Duty benefit and the duty benefit must be passed on to OIL. Additionally, for all those items against which the bidder considers the Customs Duty on merit, the list specifying the Customs Duty Rate (percentage) may be furnished, so that subsequent increase/decrease in Customs Duty, if any shall be reimbursed/recovered by OIL as the case may be on documentary evidence.

Bidders should submit the list of items which are to be imported for execution of the contract against this tender as per Proforma-A prudently along with their bid. Undertaking/Certificate for availing concessional rate of Customs Duty shall be issued by OIL only for the eligible items, provide the same are included in the Proforma-A submitted by the bidder.

Note: The above stipulations shall prevail over other clauses if stipulated otherwise elsewhere in the original tender document/previous amendments. However, the aforementioned notifications are subject to change as per Government guidelines and the provisions ruling at the time of Bid Closing will be applicable.

- 11.0 CHECKLIST FOR BEC-BRC:** Enclosed as TECHNICAL EVALUATION SHEET (PROFORMA-XVI) and COMMERCIAL CHECK-LIST (PROFORMA-X). To be submitted along with the technical bid.

*******END of PQC*******

ANNEXURE – A

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

Ref. No. _____

Date _____

**CGM-Contracts (HoD)
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 SellingAgent/ 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)

REVISED SCOPE OF WORK (SOW)
&
TERMS OF REFERENCE AND TECHNICAL SPECIFICATIONS

Clause No.	Clause Description
1.0	<p><u>Scope of Work:</u></p> <p>Scope of work includes Supply, Installation, Testing & Commissioning, Maintenance of CCTV Surveillance Systems including Dismantling and Re-Installation at forward Drilling locations for OIL's Drilling Rigs including Rigs operated under O&M by Third Party with Transportation from one location to another location. These Rigs are operating in Assam & Arunachal Pradesh. The scope of work includes Supply, Installation, Testing and Commissioning of necessary Cameras, Recording System (NVR i.e. Network Video Recorder), Indoor Network Switches, Outdoor Network Switches (Industrial grade), LED Monitors, UPS, UTP Cables, OFC, Power Cables, Poles etc. It also includes laying of cable tray & HDPE pipes, fabrication and erection of Poles etc. at the respective Drilling Locations as may be required. The technical specifications for hardware (Appendix-1) & CCTV connection scheme (Drawing-1) are provided in the tender.</p> <p>NOTE:</p> <p>1.1. The Contractor has to take note that, Drilling Rig sites are not permanent Installation and as such the CCTV system has to be compact, robust and designed for easy Dismantling and Re-Installation at the forward drilling location.</p> <p>1.2. <u>DEFINITIONS:</u></p> <p>1.2.1. "Contractor" means successful bidder.</p> <p>1.2.2. "Company" means M/s OIL INDIA LIMITED (OIL).</p> <p>1.2.3. "Company Representative" means employee of OIL.</p> <p>1.2.4. "OEM" means Original Equipment Manufacturer.</p> <p>1.2.5. "Contractor Representative" means employee of successful bidder.</p> <p>1.2.6. "ILM" means Inter Location Movement.</p> <p>1.2.7. "LOA" means Letter of Award</p> <p>1.2.8. "PM" means Preventive Maintenance</p> <p>1.2.9. "ONVIF" means Open Network Video Interface Forum</p>
2.0	<p><u>Objective of the CCTV System:</u> M/s OIL intends to achieve the following objectives:</p>
2.1	<p>To enable 24 hours day and night surveillance & monitoring of the designated areas at various Drilling Rig sites.</p> <p>Bidder can visit a Drilling site prior to submission of their bid against this procurement to have an idea of the requirement.</p>
2.2	<p>To monitor operational areas as below:</p> <p>2.2.1. Monkey Board</p> <p>2.2.2. Derrick off-driller side</p> <p>2.2.3. Cellar Pit area</p> <p>2.2.4. Shale Shaker area</p> <p>2.2.5. Mud pump area</p> <p>2.2.6. Diesel Tank area</p> <p>2.2.7. Mud Tank area</p> <p>2.2.8. Near Inclined Walk (for Catwalk)</p>
2.3	<p>To monitor and control the cameras independently from the Control Room (IM's Room) as well from the Rig Floor at respective drilling locations.</p>
2.4	<p>To enable live, real-time viewing of all / selected cameras from the respective Control Room of the location and continuous recording of all or selected cameras in the recording system of respective locations.</p>
2.5	<p>All Cameras must support persistent communications to Video Recorder. In the event of a temporary network failure or power loss the communication must be automatically re-established without any manual intervention.</p>

2.6	Necessary recorders and storage facilities to record all video footage for a period of at least one month so as to ensure round-the-clock availability of the system. Display screens for real-time viewing of video footage and viewing of footage already recorded. Recording to support and available for minimum 30 Days on continuous recording basis.
2.7	All the cameras are to be installed & certified for outdoor hazardous application. For operational areas the cameras have to be integrated with explosion-proof housing (i.e. Camera and housing of same Make) in the respective locations.
2.8	The offered video recorder shall have inbuilt capability/provision and shall be licensed to support minimum 16 (Sixteen) cameras at each location.
2.9	While designing the mounting system for cameras; the Contractor must consider local weather conditions, wind velocity and other factors in order to provide vibration and waving-free sturdy camera support including pole stability. Contractor to note the Drilling Rigs are susceptible to vibrations considering the nature of Drilling operations.
2.10	Earth pits along with required chemical, cable for earthing etc. for all cameras, cabinets & systems shall be provided by the Contractor - as required. Contractor shall ensure that the earth resistance shall be less than 1Ω (ohm) .
2.11	Supply of the technical literature, drawings, software & licenses and documentation for the complete system.
2.12	Suitable power arrangement from OIL's power source, Power Distribution Box and complete wiring from the distribution box to the respective equipment at each installation.
2.13	To arrange for test instruments, trained manpower, transport & any other facility required for installation, testing & commissioning of total system, to be arranged by the Contractor.
2.14	To obtain all statutory clearances as required for implementation of the project. However, OIL shall provide necessary assistance – if required.
2.15	Contractor must provide Commissioning and Warranty Spares. The Contractor must utilize their spares of all the equipment that may be required during commissioning and warranty period separately. Spares required within warranty period shall be in Contractor's scope.
2.16	Contractor must provide minimum warranty period of 01 (one) year after successful completion of installation & commissioning of all 5 sets of CCTV systems. Contractor shall complete Installation & commissioning within 08 (eight) weeks from the date of receipt of material. If Installation & Commissioning exceeds 08 (eight) weeks period due to non-availability of Rig on account of Company, one year warranty period for all 5 sets of CCTV will be considered from the beginning of 9th week from the date of receipt of materials. However, on account of delay caused by the contractor to complete the Installation & commissioning within 08 (eight) weeks from the date of receipt of material, the warranty will start from the following date of successful installation & commissioning of all the 5 sets of CCTV system as certified by Company. This will be the commencement of service contract.
2.17	Factory Acceptance Testing at supplier's site, Installation, Site Acceptance Testing, Commissioning, Trial Run & on-site Training of the complete system at each drilling site to the complete satisfaction of OIL.
2.18	The exact locations of cameras shall be finalized by the Contractor in consultation with OIL, for efficient surveillance of the designated area. A broad layout of a Drilling Rig is given along with this tender as Drawing-2. However, the layout drawing is tentative only and will vary from Rig to Rig.
2.19	<p>The minimum technical specifications for major equipment are included in the bid document. Contractor's scope must include supply of materials as per the specifications or better as required to achieve the objectives. However, any other hardware/software/accessories/sub-systems required for completion of the system are to be provided by the Contractor along with complete specifications of all items.</p> <p>Contractor must note that cables laid for each field items (Cameras, JBs etc. as required) shall have sufficient length (minimum 40 m Extra) for carrying out cluster drilling.</p> <p>Cluster Drilling means subsequent wells drilled in same plinth in which case each well is at a distance of 15m-18m and maximum two additional in line drilling wells. This means the initial installation of cameras in Drilling Rig Mast will be extended by 15m-18m each case (max 36m extension). All other cameras and control room remain in same position as that of initial installation. Inter location movement outside the initial location will not be required, hence no transportation will take place outside the present location.</p>

2.20	The Cameras shall be approved for Hazardous area as per specifications. The copy of supporting document / certificates from approved agencies (IECEX/ATEX & PESO) in this regard and IP66 or better ingress protection should be submitted along with techno commercial bid.									
2.21	The Contractor must carry out detail engineering and submit all relevant documents such as schematics, cable schedules, networking, and equipment details etc. to OIL before installation & commissioning at each location. This must have acceptance by OIL's Engineer in Charge.									
2.22	Contractor must carry out Comprehensive Preventive & Breakdown maintenance, Dismantling & Re-installation, Inter Location Movement to forward Drilling location for the complete CCTV system for a period of 5-years (1 Year warranty + 4 years post-warranty CAMC).									
2.23	<p>STANDARDS APPLICABLE: The equipment and the system provided shall conform to the latest editions of applicable standards. The CCTV Integrated Video Surveillance system shall be IP based and ATEX/IECEX & PESO certifications are required for cameras and need to be submitted along with the bid.</p> <p>In case of any conflict between the above standards and the specifications, the specifications given in this document shall precede, however in case of further confusion, the matter shall be referred to OIL. Decision of OIL shall be final and binding.</p> <p>For electrical appliance, equipment, machinery or other material that are used or may be used in zone "1" or zone "2" hazardous areas of oil mines, test reports to be submitted conforming to the relevant standards which shall be from an Indian Government Laboratory or NABL accredited laboratory or IECEX accredited laboratory or ATEX notified body, which is not a part of manufacturer's facilities. The latest version of standards shall prevail.</p> <p>The use of electrical apparatus either in Zone-"1" or Zone-"2" hazardous area of the mines shall comply with the provisions of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 or latest amendments.</p>									
3.0	<p><u>Environmental Specifications:</u></p> <p>All Components of CCTV Surveillance System to be located in the Control Room & field shall be designed for operation, storage and transportation under the minimum environmental limits given below: (unless otherwise specified)</p> <table><tr><td><u>Environmental</u></td><td><u>Operating</u></td><td><u>Storage</u></td></tr><tr><td>Temperature</td><td>0°to + 50°C</td><td>0° to +50°C</td></tr><tr><td>Relative Humidity (non-condensing)</td><td>10% to 90%</td><td>10% to 90%</td></tr></table>	<u>Environmental</u>	<u>Operating</u>	<u>Storage</u>	Temperature	0°to + 50°C	0° to +50°C	Relative Humidity (non-condensing)	10% to 90%	10% to 90%
<u>Environmental</u>	<u>Operating</u>	<u>Storage</u>								
Temperature	0°to + 50°C	0° to +50°C								
Relative Humidity (non-condensing)	10% to 90%	10% to 90%								
4.0	<p><u>Power Supply System:</u></p> <p>4.1. OIL shall provide single point power supply at 415VAC ±10%, 50Hz, 3 phase-4 wire (with neutral) of required rating (up to max. of 5kW) at the nearest Electrical distribution Panel in safe area (i.e. beyond 30m from well head).</p> <p>CCTV System supplier must make arrangement for taking power from this power commencement point including supply of cables, receptacles, sockets etc.</p> <p>CCTV System supplier must supply & install all down the line electrical materials like JB's, Cables, MCB DB's, RCBO(s), Power Distribution Boards, Extension Boards, Surge Arrester, Protection Device etc. as required for the CCTV System, complying safety requirements, statutory norms and regulations.</p> <p>4.2 Following statutory requirements shall be applicable and compliance of same shall rest on supplier's scope for any electrical power supplied to CAMERAS, DISPLAY MONITORS, JB's etc. placed within 30 m radius from well head (Hazardous Area):</p> <p>4.2.1 All the Cameras, Monitors, Power supply, JB's, Glands etc. shall be Ex-certified for use in Hazardous areas, Zone 1&2, Gas Group IIA & IIB of Oil Mines (unless otherwise specified) [Ref. CEA Regulation-2010, reg. 110(3), (4) & (5)].</p> <p>4.2.2 If there is requirement of 230 VAC power within 30m radius from wellhead (Hazardous area), the requirement shall be met by 230V Ph-Ph without neutral. Separate transformer (415V /</p>									

	<p>230V Ph-Ph) shall be used to meet this requirement.</p> <p>4.2.3 The switchgears viz. MCBs, Isolators, switches etc. inside any AC DB shall be 2-pole type suitable for use with 230V ph-ph. The AC distribution box(s) shall be equipped with requisite number of outlets with provisions for spare outlets.</p> <p>4.2.4 Earth Leakage protection devices are to be installed in the AC power distribution boards. [Ref. CEA Regulation-2010, reg. 42].</p> <p>4.3 Following points shall be applicable for any electrical power supplied to DISPLAY MONITORS, NVRs etc. placed outside 30m radius from well head (Safe Area):</p> <p>4.3.1 If there is requirement of 230VAC power (230 V Ph-N), same may be taken directly from power commencement point (source) i.e. 415VAC, 3-Phase 4 Wire system.</p> <p>4.3.2 The switchgears viz. MCBs, Isolators, switches etc. may be 1P+N type suitable for use with 230V Ph- N.</p> <p>4.3.3 Earth Leakage protection devices are to be installed in the AC power distribution boards. [Ref. CEA Regulation-2010, reg. 42].</p> <p>4.4 CCTV System supplier has to make arrangement for the input power supply feeder(s). The AC power input may be provided through single or two feeders. Supplier shall terminate the cable(s) in the distribution box to be provided by the supplier.</p> <p>4.5 AC/DC distribution boxes (if any) shall be equipped with requisite number of outlets with provision for spare outlets. All the outlets shall be protected with Miniature Circuit Breakers of required capacity.</p> <p>4.6 Contractor shall provide Equipment-wise Power consumption details for each system and sub-system in their offer.</p> <p>4.7 Surge arrestors shall be provided for field items suitable to divert transients/ surges safely to earth, thereby protecting the electronic components.</p> <p>4.8 All earthing works shall be as per the IS: 3043.</p> <p>4.9 Contractor shall provide typical Electrical drawing/connection diagram showing various power distribution boards (both AC & DC), Power Supplies (SMPS), CAMERAs, DISPLAY MONITORS, NVRs etc. indicating respective voltage levels.</p> <p>4.10 All electrical equipment shall be provided with basic electrical protection as per Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 with latest amendments.</p>
5.0	<p><u>System Guidelines:</u></p> <p>Contractor shall be totally responsible for the completion of works as per job specifications.</p> <p>If during the course of execution of the work any discrepancy or inconsistency, error or omission in any of the provisions of the contract is discovered, the same shall be referred to OIL who shall give its decision in the matter and issue instruction directing the manner in which the work is to be carried out. The decision of OIL shall be final and conclusive, and the Contractor shall carry out the work in accordance therewith.</p>
6.0	<p><u>Packaging:</u></p> <p>6.1 All equipment shall be individually packed & finally placed in suitable containers (Stainless Steel with proper packaging compartment inside designed for the purpose) designed to avoid damage to the equipment during transit and storage in accordance with best commercial practice and with the requirements of applicable specifications. The materials used for packaging, wrapping, sealing, moisture resistant barriers, corrosion preventers, etc. shall be of recognized</p>

	<p>brands and shall conform to best standards in the areas in which the articles are packaged. The packing shall protect the equipment from impact, vibration, rough handling, rain, dust, dampness, insects, rodents, etc. Each container shall be subjected to impact, vibration and other mechanical tests. This is to prevent any damage during transportation from one Drilling Location to another.</p> <p>6.2 All equipment shall be tested for damage after their receipt at respective sites by contractor. If any equipment, part, subsystem, component, accessory is found to be damaged during the transit, the same shall be replaced by the contractor, free of all costs to OIL. The contractor shall replace such item as shall be found damaged by contractor or as indicated to contractor, within 30 (thirty) days of receipt of intimation.</p>
7.0	<p><u>Pre-Installation Survey:</u></p> <p>Within 02 (two) weeks from date of issue of LOA, the Contractor must carry out pre-installation survey of the sites to understand the various camera / monitoring locations at respective sites. Cost of such pre-installation survey shall be borne by the contractor. The survey should include but not limited to the following:</p> <p>7.1 Examination of all camera locations, and finalization of poles, mounting arrangements required for fitting of cameras, IS Workstation, junction boxes, cabling and other interfacing hardware etc. including earthing details.</p> <p>7.2 Planning and designing of mounting arrangement of associated site equipment viz. Media Converters, LIUs, Network Switches, Recording System, Power Supply / Adaptor, Termination Boxes, Explosion proof Junction boxes etc.</p> <p>7.3 Finalization of Cable routing to be carried out.</p> <p>7.4 Study of control room for installation of recording system, Display station, UPS and other network hardware and for cable routing.</p> <p>The system design, hook-up diagrams (pre-installation), mounting / installation arrangement for camera/workstations, equipment details shall be submitted for OIL's approval & finalization.</p>
8.0	<p><u>Delivery details and timeline:</u></p> <p>8.1 All the materials of the CCTV surveillance system shall be delivered to Drilling Services Department, OIL, Duliajan, Assam, 786602 within 16 (sixteen) weeks from the date of issue of LoA.</p> <p>8.2 At the time of dispatch, the Contractor must segregate the items installation-wise and arrange for delivery of the same to the respective installation separately. The responsibility of site-specific delivery of the items will be in Contractor's scope and OIL shall not be liable for any mismatch of the items.</p> <p>8.3 The Contractor must immediately start the installation & commissioning job after delivery of the items against each site. The installation & commissioning job for all the 05 Nos. of rig locations must be completed by the Contractor within 08 (eight) weeks from the date of receipt of material. If Installation & Commissioning exceeds 08 (eight) weeks period due to non-availability of Rig on account of Company, one year warranty period for all 5 sets of CCTV will be considered from the beginning of 9th week from the date of receipt of materials. However, on account of delay caused by the contractor to complete the Installation & commissioning within 08 (eight) weeks from the date of receipt of material, the warranty will start from the following date of successful installation & commissioning of all the 5 sets of CCTV system as certified by Company.</p> <p>8.4 The Contractor must have to arrange to depute certified engineers / teams for carrying out the installation / commissioning job. Contractor shall depute a team of experienced and sufficient manpower for carrying out the installation jobs safely & effectively. The deputed manpower shall be medically fit and should have sound knowledge & experience for carrying out the job.</p> <p>8.5 OIL will provide only free space to the Contractor for arranging storage of materials in</p>

	<p>Drilling site only. However, Contractor shall ensure suitable packaging, coverage of the materials at the storage locations to avoid any possible damage. The Contractor must also ensure that all the supplied materials including cables / cable tray / pipes will be stored properly until installation, commissioning, testing and final acceptance of the complete packages in each location (initial & subsequent drilling locations). Any damage/pilferage due to poor storage, OIL shall not be responsible for the same.</p> <p>8.6 Liquidated Damage will be imposed for delay in completion of work on contractor's part within the scheduled date at the rate of 0.5% of total contract value (Item 10 & 20) per week subject to maximum of 7.5% of total contract value (Item 10 & 20). Completion of works means completion in all respect as per the Scope of Work defined in the contract document.</p>
9.0	<p><u>Documentation:</u></p> <p>The Contractor must submit the following document in hard copy/softcopy:</p> <p>9.1 Bill of material of entire scope of supply (including bought out items with make / model)</p> <p>9.2 Technical literature / Test certificates / Manual / Software CDs of system components. The manuals shall include OEM instruction manual for maintenance and troubleshooting of all equipment and subsystems.</p> <p>9.3 Licensed copy of all software must be used. All licences must be in the name of "OIL INDIA LIMITED".</p> <p>9.4 Final Layout Drawing including Field cabling of the system.</p>
10.0	<p><u>Pre-Bid conference:</u></p> <p>10.1 A pre-bid conference will be arranged for prospective bidder by OIL either by VC mode or physical mode at discretion of OIL.</p> <p>10.2 The prospective bidder shall forward their queries to OIL at least one week before the pre-bid conference. The details of Pre-Bid Conference shall be intimated to the interested bidders in the near time.</p> <p>10.3 The expense towards travel, fooding & lodging for the prospective bidder's personnel visiting Duliajan for a physical meeting if opted by OIL shall be borne by the prospective bidder.</p>
11.0	<p><u>Pre-Dispatch Inspection of Equipment/Material:</u></p> <p>11.1. Contractor shall facilitate inspection of all the ordered items by OIL's representatives at their facilities in India. Contractor has to inform OIL for inspection at least 15 (fifteen) days in advance. However, inspection by OIL's representatives will remain at OIL's discretion.</p> <p>11.2 Contractor shall facilitate inspection /testing of the complete materials as per approved QAP/international standards, if any at their premises. Contractor shall provide necessary facilities, utilities, labour and consumables required for carrying out the inspection & testing.</p> <p>11.3. The expense towards travel, fooding & lodging for the OIL personnel visiting the Contractor's facilities for Pre-dispatch inspection shall be borne by OIL.</p>
12.0	<p><u>Installation & Commissioning:</u></p> <p>12.1. The Contractor must quote for the Installation and Commissioning charges as per provisions of the tender.</p> <p>12.2. During commissioning, all required accessories and spares must be supplied by the Contractor.</p> <p>12.3. The Contractor must erect all the hardwares including pole erection, cable laying, laying & fixing of cable trays, laying of HDPE pipes, cable termination, fixing power supply unit etc. and also fabrications, and civil jobs, if any.</p>

	<p>12.4. The Contractor must design and submit the complete cable schedule for OIL's approval prior to execution of the job.</p> <p>12.5. The Contractor must prepare one metal box for safe transportation of the materials from one wellsite to the next wellsite. This must be in line with Clause 6.1.</p> <p>12.6. Contractor will carry out cable laying job for over ground / overhead / underground, as required, laying of cable tray, HDPE pipe & fixing the same to hard structure in each locations during the service contract period.</p> <p>12.7. All charges including to and fro fares, boarding/lodging, local transport for installation jobs and other expenses of the Contractor's personnel during their stay for performing the work as mentioned shall be under the Contractor's scope.</p> <p>12.8. No hot work (including all types of welding, cutting, grinding, drilling and heating) shall be permitted within the OIL Field Installations. The Contractor has to make its own arrangements for handling and transportation of all the material / tools / manpower to and fro the site, as required for Installation & commissioning.</p> <p>12.9. The Contractor must obtain "Entry Permit" from CISF / Security department of OIL for all his workers/personnel to enable them to work inside the installations.</p> <p>12.10. For individual installations before completion of Site Acceptance Testing, all liabilities of the CCTV surveillance system shall be borne by the Contractor.</p> <p>12.11. The Contractor shall without any additional payment at all times keep the working and storage areas used by him free from accumulation of waste materials or rubbish. On completion of erection and commissioning, the Contractor shall remove or dispose of in a satisfactory manner all waste and debris and leave the premises in a condition satisfactory to the Company.</p> <p>12.12. NUISANCE: The Contractor 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 anyone or all the personnel deployed by the Contractor on the basis of their performance, conduct and discipline. If any replacement is sought by OIL Engineer-in-Charge, the same must be replaced by the Contractor within 48 hours or as per instruction of OIL's Engineer-in-Charge. In case of any dispute the decision of OIL's Engineer-in-Charge shall be final and binding.</p> <p>12.13. CARE OF WORKS: From the commencement to completion of contract, the Contractor must take full responsibility for the care of OIL's property, all equipment including all temporary works and in case any damage, loss or injury shall happen to OIL's property /equipment /work /person / OIL engaged Third party vendors or to a part thereof due to negligence of the Contractor, the same must be rectified/compensated by the Contractor without any extra claim.</p>
<p>13.0</p>	<p><u>Site Acceptance Test (SAT):</u></p> <p>In addition to testing and inspection of equipment / material, there shall also be following site acceptance testing prior to the acceptance of system / equipment:</p> <p>13.1. Physical inspection at site prior to installation.</p> <p>13.2. Post commissioning acceptance testing of individual sub-system.</p> <p>13.3. Overall system, testing, functional integrity testing and acceptance.</p> <p>13.4. Successful uninterrupted operation of the integrated systems. The Contractor is fully responsible for demonstrating the functional requirement of cameras and all other equipment components of CCTV system. OIL shall take over the system after the site acceptance test which shall include successful uninterrupted operation of the integrated system for 01 (one) week after successful commissioning of the system. Any mal-</p>

	<p>function of the system component must be replaced /repaired as required. Once the system failure is detected and rectified, the acceptance test shall start again from the beginning.</p> <p>13.5. The Contractor is required to submit Testing & Commissioning Report duly certified jointly by OIL and the Contractor after Supply, Installation, and Commissioning work is completed. Installation & commissioning will be considered successful after successful completion of SAT.</p> <p>13.6. The Contractor to note that the warranty period for 05 (five) nos. of CCTV system shall start from a single date so that a separate service contract as per clause 2.22 can be started accordingly.</p>
14.0	<p><u>Training:</u></p> <p>The Contractor shall provide training to OIL's personnel as under:</p> <p>14.1. Training at site: OIL personnel shall be associated during Installation activities. The Contractor shall impart on-the-job training to OIL's personnel at each site on aspects of System Engineering, Equipment operation and functional details. The training imparted shall cover all equipment incorporated in the system.</p> <p>14.2. Purpose of the training must be to familiarize OIL's responsible employees or OIL nominated executives or any other person authorized by OIL to have access to the system at user level at rig site. The trained persons must be given exposure to full functionality of the CCTV system so that the trained persons can operate the CCTV system as per OIL's requirement. They must have access to real time monitoring and play back data. OIL's authorized person must be trained to take back up of data as per requirement of OIL.</p> <p>14.3. The Contractor must provide training on NO GO areas of the system. Dos and Dents' must be submitted to OIL's Engineer In-Charge.</p> <p>14.4. The Contractor must provide a standard operating procedure manual and training on it for trouble free operation of the CCTV system.</p> <p>14.5. The Contractor must provide comprehensive documentation, course material, manuals, literature etc. as required for proper training of personnel at his own cost. Consolidated and comprehensive documentation shall be available for each installation (minimum 2 sets per installation). After the completion of course, all such materials shall become the property of OIL. The Contractor must update the course material of manuals in case there are changes owing to revisions /modifications /upgradations in equipment /system specifications.</p> <p>14.6. Cost of above training shall be included along with the charges for installation and commissioning. Installation and commissioning shall be construed successfully complete after completion of SAT & training programme as mentioned under Clause 13.0 & 14.0 respectively.</p>
15.0	SOR: [Please refer to SCHEDULE OF RATES (SOR)].
16.0	<p><u>Scope of Work of Maintenance Service Contract:</u></p> <p>16.1. Preventive Maintenance: During the contract period, Contractor shall carry out on-site Preventive Maintenance (PM) of the complete system as per scheduled mentioned under clause B.2 & B.3 of SOR & will submit the PM reports clearly mentioning the status of major items of CCTV system & maintenance performed. The PM reports shall also mention details of spares changed, if any during the maintenance jobs, e.g. Part No., Sl. No. of both faulty & new one. The following minimum jobs will be performed during the PM visit:</p> <ol style="list-style-type: none"> Physical inspection, checking & cleaning up of all the hardware of CCTV system. Checking of all network points for proper connection, power condition etc. Checking & testing of UPS batteries and submit the status of batteries. Checking of Earthing and power conditions and take corrective actions, in case of improper earthing or power condition, which may damage the equipment.

- e) Repair of faulty parts of the System or sub-system, if required.

In case of failure of the contractor to carry out the PM job as mentioned above, penalty on the Contractor will be imposed as per **Penalty Clause no. 20.0** below.

16.2 Breakdown Maintenance: Service Engineer will have to report for fault rectification within 48 (forty-eight) hours from the time of call reporting during any Breakdown Maintenance (BM). Adequate number of engineers and technician should be deployed by the contractor to rectify the fault within the stipulated time frame of 96 (Ninety Six) hours from the call reported. The contractor shall carry out maintenance and fault rectification of all types of Software and Hardware which are part of above-mentioned system. Contractor will submit the maintenance reports clearly mentioning the maintenance performed & the reports shall also mention details of the spares utilized during the maintenance jobs, if any (both faulty & new one) e.g. Part No., Sl. No. In case of failure of the contractor to carry out the Breakdown Maintenance job as mentioned above, penalty on the Contractor will be imposed as per **Penalty Clause no. 20.0**.

16.3 Dismantling, Shifting & Re-installation:

A) Dismantling & Shifting of CCTV System:

- i) Contractor will have to visit Company's designated well site on official intimation from Company for carrying out Dismantling of complete CCTV system at a particular location & Shifting the same to the next forward Drilling location.
- ii) After dismantling, all items should be packed individually in proper manner and keep them in metal box(es) kept for the purpose to shift to the next drilling location.
- iii) The contractor has to complete dismantling and packing of the CCTV system at designated well site within maximum 04 (four) days from the official intimation from company.
- iv) After dismantling & packing, shifting shall be carried out on official intimation from OIL in writing by email / letter. Contractor personnel will report at site with suitable vehicle within 48 (forty eight) hours of reporting for the shifting call service. Dismantling shall be considered complete after completion of shifting to the forward location as advised by OIL.
- v) For cluster drilling location, dismantling of the items & accessories of the CCTV system mounted on, below & very near to the rig structure will be involved. In such case, Contractor has to complete dismantling of the part of the CCTV system within maximum 03 (three) days from the official intimation from Company. No shifting to outside location shall take place and the equipment shall be re installed within the same location. For such dismantling service, Contractor will be paid 35% of the dismantling & shifting rate of complete CCTV system.
- vi) Contractor Service Engineer will prepare a detailed report along with checklist of dismantling of all items of CCTV system along with the observations / suggestions to the designated Company Representative after completing the job. The jobs must be carried out upto the satisfaction of Company Representatives& then only the job will be considered complete.
- vii) In case of failure of the contractor to carry out & complete Dismantling & Shifting job as mentioned above, penalty on the Contractor will be imposed as per **Penalty Clause no. 20.0**.

B) Re-installation of CCTV System:

- i) Contractor will have to visit Company's designated well site on official intimation from Company for carrying out Re-installation of complete CCTV system at a particular

	<p>location. The Contractor shall be paid lump sum amount for Re-installation job and as such no other condition shall apply.</p> <ul style="list-style-type: none"> ii) During re-installation, contractor shall carry out the re-commissioning jobs of the complete CCTV system. Civil jobs, additional cables & pipes (if necessary) for re-installation will be at Contractor's cost. iii) Contractor Service Engineer will also check health of each component and carry out necessary repair/maintenance or replacement as necessary. iv) The contractor has to complete erection and operation start-up of the complete CCTV system at the designated well site within maximum 06 (six) days from the official intimation for Re-installation from company. v) For cluster drilling location, for re-installation of CCTV system, Contractor has to complete erection and operation start-up of the CCTV system within maximum 04 (four) days from the official intimation from Company for Re-installation. For such re-installation service, Contractor will be paid 35% of the re-installation rate of complete CCTV system. vi) Contractor Service Engineer must prepare the check lists for re-installation for all the components of CCTV system and submit the same to the Company's Representative. vii) Contractor Service Engineer must submit a detailed report of erection and the health check-up check list for all items along with the observations/suggestions to the designated Company Representative after completing the job. The jobs must be carried out upto the satisfaction of Company Representatives & then only the job will be considered complete. viii) In case of failure of the contractor to carry out & complete Re-installation job as mentioned above, penalty on the Contractor will be imposed as per Penalty Clause no. 20.0.
17	<p><u>RESPONSIBILITIES OF CONTRACTOR under Maintenance Service Contract:</u></p> <ul style="list-style-type: none"> 17.1 To provide list of competent persons for carrying out the job under the Contract prior to commencement of the contract. The job should be undertaken by qualified personnel only. 17.2 To complete the job undertaken, with full satisfaction to OIL authorized representatives. 17.3 The contractor personnel should wear necessary safety gears during carrying out any job under the contract. 17.4 The contractor must make arrangement of its own for transportation of tools and manpower up to the site for the job. Contractor shall have to make own arrangement for lodging and boarding of its crew. 17.5 After completion of each work, Contractor service engineer shall submit a report countersigned by OIL for the satisfactory completion and demonstrate the proper functioning of the devices to the satisfaction of Rig in-charge or authorized representatives of OIL. 17.6 All the tools & items including spare parts/consumables required for Dismantling, Re-installation, Servicing, Maintenance and Repair of the complete CCTV system shall be arranged by the contractor without any extra cost to OIL. 17.7 From the commencement to completion of contract, the Contractor must take full responsibility for the care of OIL's property, all equipment including all temporary works and in case any damage, loss or injury shall happen to OIL's property/equipment/work/person/ OIL engaged Third party vendors or to a part thereof

	due to negligence of the Contractor, the same must be rectified/compensated by the Contractor without any extra claim.
18.0	<p><u>General Notes:</u></p> <p>18.1.The Contractor must indicate the source of their bought-out items and also the names of the original equipment/materials manufacturer.</p> <p>18.2.The Contractor must furnish an undertaking along with their technical bid, for all the products/ service support along with uninterrupted and timely supply of spare parts for at least 05 (five) years from the date successful installation and commissioning.</p> <p>18.3.It is to be clearly understood that The Contractor must 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, must be carried out by the successful Contractor. The Contractor is requested to visit the sites prior to submission of their bid so that the exact requirements for items such as Cables, Cable Tray, Pipes, Junction Box, Cable Gland etc. of the tender could be ascertained and quote accordingly.</p> <p>18.4.The Contractor must arrange all the materials labour, tools and tackles etc. required for successful execution of work. OIL shall not provide any materials/tools/equipment.</p> <p>18.5.The Contractor must arrange for accommodation/transportation for his personnel at his risk and cost. OIL shall not provide any accommodation/transportation at any stage of the tender/contract execution, whatsoever to the party or his staff.</p> <p>18.6.The Contractor must employ such workers who are above 18 years of age. All personnel employed by the successful Contractor shall have sound health, good character and conduct. They must be medically fit as per guidelines and fully competent to perform the work.</p> <p>18.7.OIL shall provide water and electricity required for work. However, necessary arrangement to take electricity and water is under the scope of the Contractor.</p> <p>18.8.Any work not conforming to execution drawings, specifications or codes shall be rejected forthwith and The Contractor must carry out the necessary rectification at his own cost.</p> <p>18.9.For any matter, where controversy may occur, the decision of company's engineer-in- charge or his representative will be final and binding.</p> <p>18.10. Any other activity / job which may not be specifically mentioned in the scope of work, but required for successful completion of the work shall be part of the Contractor's scope without any extra cost to M/s OIL.</p>
19.0	<u>Safety Practices:</u> Listed Under SECTION-II: SPECIAL CONDITIONS OF CONTRACT (SCC) HSE Policy.
20.0	<p><u>Penalty Clause:</u></p> <p>Penalty charges during Comprehensive Maintenance Contract:</p> <p>If contractor does not perform the services under the Comprehensive Maintenance Contract within the timeline as mentioned, Penalty shall be deducted from the invoice as detailed below:</p> <p>If the CCTV system (including non-functionality of any number of CCTV Camera) remains down for a period of more than 02 (two) weeks, OIL has the option to get the system repaired/replaced faulty equipment of CCTV System from the third party at the risk and cost of the CONTRACTOR.</p>

Sl. No.	Description	Metric / SLA	Amount
1	Failure to carry out PM as per schedule for any particular CCTV unit during post-warranty period	Once in a Quarter	1/4 th of per unit quarterly AMC charge
2	If Breakdown call is not closed within stipulated time	Delay after 96 hours of reporting	Rs. 1,000.00 per day
3	In case, the Contractor is not able to close the Breakdown call & the job carried out by OIL due to failure of the Contractor to carry out the same. This shall be exercised after giving Contractor an additional time period (2 weeks) beyond defined resolution time of 96 hours	---	Total cost incurred by OIL at actuals will be deducted.
4	Contractor unable to complete the Dismantling & packing of the CCTV system within the timeline	Delay after 4 days of reporting (for complete system dismantling) / Delay after 3 days of reporting (for cluster location)	Rs. 2,000.00 per day
5	Contractor fails to report at site for shifting	Delay after 48 hours of reporting	Rs. 1,000.00 per day
6	Contractor unable to complete the Re-installation of CCTV system within the timeline	Delay after 6 days of reporting (for complete system re-installation) / Delay after 4 days of reporting (for cluster location re-installation)	Rs. 2,000.00 per day
<p>Note:</p> <p>i. The maximum penalty applicable shall be limited to 7.5% of the total Maintenance Service Contract value.</p> <p>ii. If any CCTV system remains shut down due to any fault for more than 02 (two) weeks, quarterly Maintenance Service Contract charge will not be payable for every 24 hours elapsed beyond 02 (two) weeks. Per day Maintenance Service Contract cost will be pro-rated from Quarterly Maintenance Service Contract rate considering 90 days in one quarter.</p>			

	<p>iii. For shutdown less than or equal to 12 hours beyond resolution time stated above, no penalty will be imposed. For shutdown beyond 12 hours up to 24 hours, 1-day penalty charge will be imposed.</p> <p>iv. The above penalty clause shall not be applicable in case of Force Majeure situations like bandh, strike, natural calamities, terrorist acts etc. Moreover, CCTV system shutdown for reasons attributed to equipment or services not covered in the present scope of the contractor, no penalty will be imposed. Such situations will be analyzed jointly by Company's as well as Contractor's representative.</p> <p>v. Any delay in performing the Maintenance Service Contract job by Contractor due to Company, should be informed to Company's representative & the same to be recorded in the job detailed reports. However, final decision of accepting the reason of delay lies with the Company.</p>	
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Please refer Appendix to SOW (enclosed below) for Technical Specifications & Diagram

*******End of Scope of Work*******

APPENDIX TO SOW: TECHNICAL SPECIFICATIONS

A.1) 4 MP Fixed FLP Camera with Motorized Lens			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.1.1	Camera Type	Explosion-Proof Network Motorized Varifocal Bullet Camera, ONVIF Compliant		
A.1.2	Max. Resolution	2688×1520 / 2592×1520 or better		
A.1.3	Wide Dynamic Range	120 dB		
A.1.4	Image Sensor	1/2.8" Progressive Scan CMOS or better		
A.1.5	Min. illumination	Color mode: 0.005 lux, B/W mode: 0 lux (IR ON with inbuilt/external auto on/off control Illuminator) Note: i) Illumination Distance: Upto minimum 50 m ii) External IR to be supplied with Explosion proof housing		
A.1.6	Video Compression	H.265, H.264, MJPEG		
A.1.7	Streams	Min. three compressed stream		
A.1.8	Lens	2.8 mm to 12 mm / 5.3 mm to 159 mm lens		
A.1.9	Housing	SS304 or better		
A.1.10	Alarm	Minimum 1 input, Minimum 1 output		
A.1.11	Audio	1 input 1 output		
A.1.12	Audio Compression	G.711a/G.711u		
A.1.13	Network Protocols	IPv6, TCP, UDP, IGMP, DHCP, SNMP, SMTP, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, QoS, DNS, ARP, ICMP, UPnP		
A.1.14	Housing Protection Level	IP66 or better		
A.1.15	Operating Environment	0°C to +50°C, Humidity 10%-90% (non-condensing)		
A.1.16	Power Source	12VDC/PoE/24VAC		
A.1.17	Hazardous Certifications	ATEX/ IECEx for Gas Group IIA & IIB		
A.1.18	Accessories	Mounting arrangement (as required)		
A.1.19	Additional features	Defogger		

A.2) 16 Channel NVR			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.2.1	IP Video Input	16 Channels		
A.2.2	Storage	2 SATA hard drives each support up to minimum of 10 TB per slot		
A.2.3	RAID	Should support Raid 5 (Deleted)		
A.2.4	Bandwidth	Incoming & Outgoing bandwidth : min 160 Mbps		
A.2.5	Video Compression	H.265, H.264, MJPEG		
A.2.6	Video Output	Min 1ch HDMI, 1ch VGA / Min 2 ch HDMI		
A.2.7	Live view/Playback/Recording resolution	Upto 8MP		
A.2.8	Decoding Capability	16-channel@1080P (30 fps)		
A.2.9	Network Interface	1 RJ-45 Port (10/100/10000 Mbps)		
A.2.10	USB interface	1 × USB 2.0; 1 × USB 3.0 or better		
A.2.11	Supported Protocols	TCP/IP, UDP, DHCP, DNS, NTP, DDNS, FTP, UPnP, IPv6		
A.2.12	ONVIF	Should support ONVIF profile S or higher		
A.2.13	Alarm I/O	4-ch input, 2-ch output		
A.2.14	Certification	CE, FCC, UL		
A.2.15	Operating Environment	0°C to +50°C, Humidity 10%-90% (non-condensing)		

A.3) 8TB HDD			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.3.1	Formatted Capacity	Capacity to store minimum 30 days of high quality video footage of the complete system. Bidders are advised to quote item no 10.3 of BOQ accordingly.		
A.3.2	Interface	SATA 6Gb/s		
A.3.3	Cache	256MB		
A.3.4	Transfer Rate	180MB/s		
A.3.5	Approved Makes	Seagate / Toshiba / WD or equivalent make.		

A.4) 32 inch LED Display Unit			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.4.1	Minimum screen size	32 inch LED Backlight		
A.4.2	Resolution	Full HD (1920 x 1080)		
A.4.3	Connectivity	VGA,HDMI		
A.4.4	Viewing Angle	178°(H)/178°(V)		
A.4.5	Brightness	Min. 400 nit		
A.4.6	Response Time	8 ms		
A.4.7	Power Supply	230 VAC		
A.4.8	Mounting Arrangement	Contractor required to provide Floor Stand for mounting the Display Unit at control room		
A.4.9	Approved Makes	Samsung/LG/Sony or equivalent make.		

A.5) 15U Floor Standing Rack			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.5.1	Size	15U		
A.5.2	Type	Indoor Rack		
A.5.3	Structure	Welded construction with Steel frame		
A.5.4	Front door	Toughened Glass door, Turning angle of front door over 180°		
A.5.5	Finish	Powder coated standard finish		
A.5.6	Cable Manager	1U Cable Manager		
A.5.7	Cooling	Roof Mounted Fan Unit		
A.5.8	Approved Makes	Rittal/Pyrotech/Tata or equivalent make.		

A.6) Online UPS with 30 min backup			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.6.1	Rating	As per load requirement (Max. 70% at full connected load)		
A.6.2	Type	Online Microprocessor controlled IGBT based high frequency		
A.6.3	Input Voltage & Frequency	230 VAC +/-10% 50 Hz +/- 3%		
A.6.4	Output Voltage & Frequency	230 VAC +/-1% 50 Hz		
A.6.5	Battery	Inbuilt Maintenance Free for 30 min backup		
A.6.6	Total Harmonic Distortion	Less than 2.5% for linear load		
A.6.7	Display Metering	Input AC Voltage, UPS output voltage, UPS output current, UPS output frequency		
A.6.8	Display Indication	AC Mains "ON", UPS "ON", Overloaded		
A.6.9	Alarms (visual and potential free)	DC Under Voltage (Low battery), UPS Overload/Common trouble alarm		
A.6.10	Approved makes	Vertiv / APC / Hitachi / Fuji / Delta or equivalent make.		

A.7) Intrinsically Safe Remote WorkStation			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.7.1	Processor	Intel Core i5 Processor, latest generation		
A.7.2	Memory	Min. 8 GB, DDR-4 or better		
A.7.3	HDD	256 GB M.2 NVMe 1.3 (PCIe 4x)		
A.7.4	Ethernet	2 nos. 10/100/1000, Auto Negotiating Ethernet ports		
A.7.5	OS	Windows 10 IoT Enterprise		
A.7.6	Monitor	15.6" (16:9), Full HD Front Glass and Touch		
A.7.7	Mounting	Contractor required to provide suitable mounting to install it on Rig Floor		

A.7.8	Certifications	ATEX/ IECEx for Gas Group IIA & IIB		
A.7.9	Operating Environment	0°C to +50°C, Humidity 10%-90% (non-condensing)		
A.8) Quick Relocatable self-standing Pole				
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.8.1	Pole	Octagonal Pole		
A.8.2	Overall Height	6 m		
A.8.3	Sizes	Bottom 130mm x Top 70mm		
A.8.4	Sizes of Base Plate & Thickness	220 mm x 220 mm x 12 mm		
A.8.5	Foundation Bolts	M20 X 600mm long with Nuts and Plain washers - 4 sets		
A.8.6	Metal Protection Treatment of Pole Sections	Hot Dip Galvanized as per BS EN ISO 1461		
A.8.7	Thickness of Galvanization (mm)	Average 70 Microns as per IS 2629		

A.9) Industrial Ethernet Managed 8 port PoE switch with 4 SFP ports			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.9.1	General Requirements	The switch shall have 8*RJ-45 auto-negotiating 10/100/1000 PoE ports, having additional four 1000BASE-x:SFP port support 1000 Base- SX, LX, and LX Bi-directional SFP transceivers		
		The switch shall support IEEE 802.3af PoE and IEEE 802.3at PoE+ having min. 240 Watts PoE budget		
		Switching capacity of 24 Gbps, having throughput of up to 14 million pps		
		Switch should have 1*RJ-45 Console Port		
		The switch shall support Line rate Layer3 forwarding.		
		Ingress Protection: IP30		
		Installation option: DIN-Rail Mounting		
A.9.2	Layer 2 Features	Configurable up to 16K MAC addresses		
		Shall support IEEE 802.3ad, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.1AB		
		Shall support IGMP snooping for multicast filtering instead of flooding traffic to all ports, improving network performance		
		Shall support MLD snooping to forward IPv6 multicast traffic to the appropriate interface, preventing traffic flooding		
		Shall support LLDP-MED (Media Endpoint Discovery) to automatically configure network devices such as IP phones		
		Shall support RIPv1, RIPv2, RIPv6, Static routing & Policy based routing.		
		Shall Support IEEE 802.1Q with 4,000 simultaneous VLAN IDs, Voice VLANs		

		Shall support gratuitous ARP to allow detection of duplicate IP addresses		
		Shall Supports up to 9 kilobyte frame size to improve the performance of large data transfers		
		Shall support Static IPv6 routing, 32 static routes Shall support DHCP relay to simplify management of DHCP addresses in networks with multiple subnets		
A.9.3	Security and QoS Features	Shall support port security and port isolation, MAC- Based authentication, IEEE 802.1X and RADIUS network logins to control port-based access for authentication and accountability		
		Shall support MAC and Port based ACLs enable network traffic filtering and enhance network control Shall support ACL and QoS for IPv6 network traffic		
		Shall support time-based ACLs to allow for greater flexibility with managing network access		
		Shall support ARP attack protection feature to block ARP packets from unauthorized clients		
		Shall support DHCP snooping to block unauthorized DHCP Servers		
		Shall support STP BPDU protection preventing forged BPDU attacks		
		Shall support STP Root Guard to protect the root bridge from malicious attacks or configuration mistakes		
A.9.4	Management Features	SNMP V2/V3 ,SSHv2, Limited CLI/Telnet , web based interface and Dual flash images		
		IPv6 host support to be managed using IPv6		
		Shall support Port mirroring, intuitive Web GUI (http/https) for easy management		
		Shall support Limited command-line interface to deploy and troubleshoot, Network Time Protocol (NTP)		
		Shall support management security through multiple privilege levels		
		Shall have an operating temperature of -0°C to 50°C		
		Shall support 3kV Surge Protection & have fanless design		
		A Console port and USB port are provided in the front for easy access.		
		Switch Should Line rate forwarding for Layer 2 and Layer 3 traffic is provided with hardware based lookups, QoS and ACLs for non-blocking switching		
		Switch Should Supports per Port PoE configuration & Allows the PoE Devices (PDs) to be turned on/off as required		
		Safety and Emission: UL 60950/IEC 60950-1/EN 60950-1		

A.9.5	Approved Makes	Cisco/Juniper/Alcatel/Digisol or equivalent make.		
A.10) 8 port Gigabit Ethernet Managed Switch with 2 SFP for safe area			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.10.1	General Requirements	The switch shall have 8*RJ-45 auto-negotiating 10/100/1000 PoE ports, having additional two 1000BASE-x:SFP port support 1000 Base- SX, LX, and LX Bi-directional SFP transceivers		
		The switch shall support IEEE 802.3af PoE and IEEE 802.3at PoE+ having min. 140 Watts PoE budget		
		Switching capacity of 20 Gbps, having throughput of up to 14 million pps		
		Switch should having 1*RJ-45 console port		
A.10.2	Layer 2 Features	Configurable up to 16K MAC addresses		
		Shall support IEEE 802.3ad, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.1AB		
		Shall support IGMP snooping for multicast filtering instead of flooding traffic to all ports, improving network performance		
		Shall support MLD snooping to forward IPv6 multicast traffic to the appropriate interface, preventing traffic flooding		
		Shall support LLDP-MED (Media Endpoint Discovery) to automatically configure network devices such as IP phones		
		Shall Support IEEE 802.1Q with 4,000 simultaneous VLAN IDs, Voice VLANs		
		Shall support gratuitous ARP to allow detection of duplicate IP addresses		
		Shall Supports up to 9 kilobyte frame size to improve the performance of large data transfers		
		Shall support Static IPv6 routing, 32 static routes Shall support DHCP relay to simplify management of DHCP addresses in networks with multiple subnets		
A.10.3	Security and QoS Features	Shall support port security and port isolation, MAC- Based authentication, IEEE 802.1X and RADIUS network logins to control port-based access for authentication and accountability		
		Shall support MAC and Port based ACLs enable network traffic filtering and enhance network control Shall support ACL and QoS for IPv6 network traffic		

		Shall support time-based ACLs to allow for greater flexibility with managing network access		
		Shall support ARP attack protection feature to block ARP packets from unauthorized clients		
		Shall support DHCP snooping to block unauthorized DHCP Servers		
A.10.4	Management Features	SNMP V2/V3, SSHv2, Limited CLI/Telnet , web based interface		
		IPv6 host support to be managed using IPv6		
		Shall support Port mirroring, intuitive Web GUI (http/https) for easy management		
		Shall support Limited command-line interface to deploy and troubleshoot, Network Time Protocol (NTP)		
		Shall support management security through multiple privilege levels		
		Shall have an operating temperature of 0°C to +45°C		
		A Console port and USB port are provided in the front for easy access		
		Switch Should Supports per Port PoE configuration & Allows the PoE Devices (PDs) to be turned on/off as required		
		Safety and Emission: UL 60950/IEC 60950-1/EN 60950-1		
A.10.5	Approved Makes	Cisco / Juniper / Alcatel / Digisol or equivalent make.		
A.11) FLP Junction Box			Make:	
			Model:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.11.1	Body & Cover	Cast Al. Alloy (LM-6) minimum 4 mm thick		
A.11.2	Gasket	Neoprene rubber		
A.11.3	Paint	Anti-corrosive epoxy paint, shade light grey		
A.11.4	Protection Class	Suitable for area classified as zone-1, Gas Group IIA & IIB, T6 as per IS2148 IP-65 or better as per IS-2147		
A.11.5	Others	<p>Sizing shall be done with due consideration for accessibility.</p> <p>All junction boxes shall be provided with external earthing plugs.</p> <p>All junction boxes shall be provided with 20% spare cable entries and terminals.</p> <p>Each junction boxes shall have a minimum 10% or 2 Nos. whichever is higher, spare entries. All spare entries shall be with EXD plugs.</p>		
A.11.6	Operating Environment	0°C to +50°C, Humidity 10%-90% (non-condensing		

A.12) 3 Core 2.5sqmm Armoured Power Cable			Make:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.12.1	Type of cable	FRLS armoured copper cable		
A.12.2	Voltage Rating	Upto and including 1100 volts		
A.12.3	Conductor	Plain annealed copper conductor as per IS 8130		
A.12.4	Construction	Multi stranded annealed bare electrolytic grade copper conductor		
		Core size: 2.5 sqmm		
A.12.5	Primary Insulation	Extruded PVC compound as per IS 5831 type C		
A.12.6	Inner Sheath	Extruded PVC compound type ST2		
A.12.7	Outer Sheath	Extruded PVC compound, type ST2		
A.12.8	Armor over Inner sheath	Galvanized steel wire for UAD less than 13 mm, Galvanized steel strip for UAD greater than 13 mm Dimensions as per table 5 of IS1554 Part I		
A.12.9	Core Identification	3 Cores: Red, Yellow & Blue		
A.12.10	Certification	Cables shall conform to IS 694-1990 or equivalent		
A.12.11	Approved makes	Finolex / Havells / Polycab / Mescab or equivalent make.		
A.12.12	Operating Environment	0°C to +50°C, Humidity 10%-90% (non-condensing)		

A.13) CAT6 Armoured UTP Cable		Make:	
S/N	Specification	Compliance (Yes/No)	Remarks
A.13.1	The 4 pair Unshielded Twisted Pair cable with Armouring for Outdoor environment		
A.13.2	This cable well exceeds the requirements of ANSI/TIA-568-C.2 and ISO/IEC 11801 Class E		
A.13.3	Nominal Outer Diameter of Cable should be 10.0 ± 0.5 mm and Conductor Diameter 0.55 ± 0.01 mm (23 AWG), Outer jacket Thickness: 1.2mm		
A.13.4	Construction: 4 twisted pairs separated by internal PE Cross Separator. Full separator. Half shall not be accepted. Rip Cord is must.		
A.13.5	Conductor: Solid bare Copper, Outer jacket sheath: Polyethylene approved CM rated cable. Jacket color: Black		
A.13.6	Inner Jacket Sheath: FRPVC, Inner Diameter : 7.0 ± 0.5 mm, Inner Jacket Thickness : 0.75 mm.		
A.13.7	Wrapped with Polyester tape and ECCS Armouring tape ≥ 0.125mm thickness		
A.13.8	Wrapped with Polyester tape and ECCS Armouring tape ≥ 0.125mm thickness		
A.13.9	Insulation Material: High Density Polyethylene (HDPE) with Insulation Diameter : 1.02 ± 0.01 mm		
A.13.10	Dielectric Strength of cable should be 2.5 KVDC for 2 seconds		
A.13.11	Bending Radius : < 12X Cable Diameter at -20°C ± 1°C Pulling Force: 25.35 lbs (11.5 kgs)		
A.13.12	Electrical Parameters: Insertion loss (Attenuation), NEXT, PSNEXT, ELFEXT (ACRF), PSELFEXT (PSACRF), Return Loss,		

	ACR, PSACR		
A.13.13	Insertion Loss of 35.9 db/100m at 250 MHz		
A.13.14	Cable should support operating temperature from -20° to +70°C		
A.13.15	Cable support Conductor Resistance $\leq 9.38 \Omega/100m$ Max.		
A.13.16	Mutual Capacitance of cable should be $< 5.6 \text{ nF}/100m$ Max.		
A.13.17	Resistance Unbalance of cable should be 5% Max.		
A.13.18	Capacitance Unbalance of cable should Max. 330 pF/100m		
A.13.19	Cable support Delay Skew: $< 45 \text{ ns}/100m$, Operating Voltage: 72V		
A.13.20	Nominal Voltage of Propagation (NVP): 69% and Current Rating: 1.5 A Max.		
A.13.21	Impedance: $100 \pm 15 \Omega$ @100 MHz. and Propagation Delay @250 MHz : 536 ns/100m		
A.13.22	RoHS Compliant		
A.13.23	Printed sequential Length Counter of each meter on Outer Jacket		
A.13.24	Category 6 Armoured UTP cables shall Supports Gigabit Ethernet (1000 base-T) standard and Operates at bandwidth of 250MHz		

A.14) 6F SM OFC			Make:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.14.1	Type of Fiber	Single Mode with composite coating on each fiber		
A.14.2	Specification	IEC 60793-2-50, ITU G.652		
A.14.3	Construction	Multi-Fiber loose tube jelly filled		
A.14.4	No. of fibers	6		
A.14.5	No. of loose tube	1		
A.14.6	Laying	Direct Burial (Underground)/ Outdoor		
A.14.7	Strength member	2 Nos. of steel wires		
A.14.8	Armour	GI/ Electrolytic chrome coated steel		
A.14.9	Overall sheath	Tough weather resistant made High Density Polyethylene (HDPE) compound with anti-termite and anti-rodent properties		
A.14.10	Fiber cutoff wavelength	$> 1150 \leq 1320 \text{ nm}$		
A.14.11	Approved makes	Finolex / Molex / Commscope / Digisol or equivalent make.		
A.14.12	Operating Environment	0°C to +60°C, Humidity 10%-90% (non-condensing)		

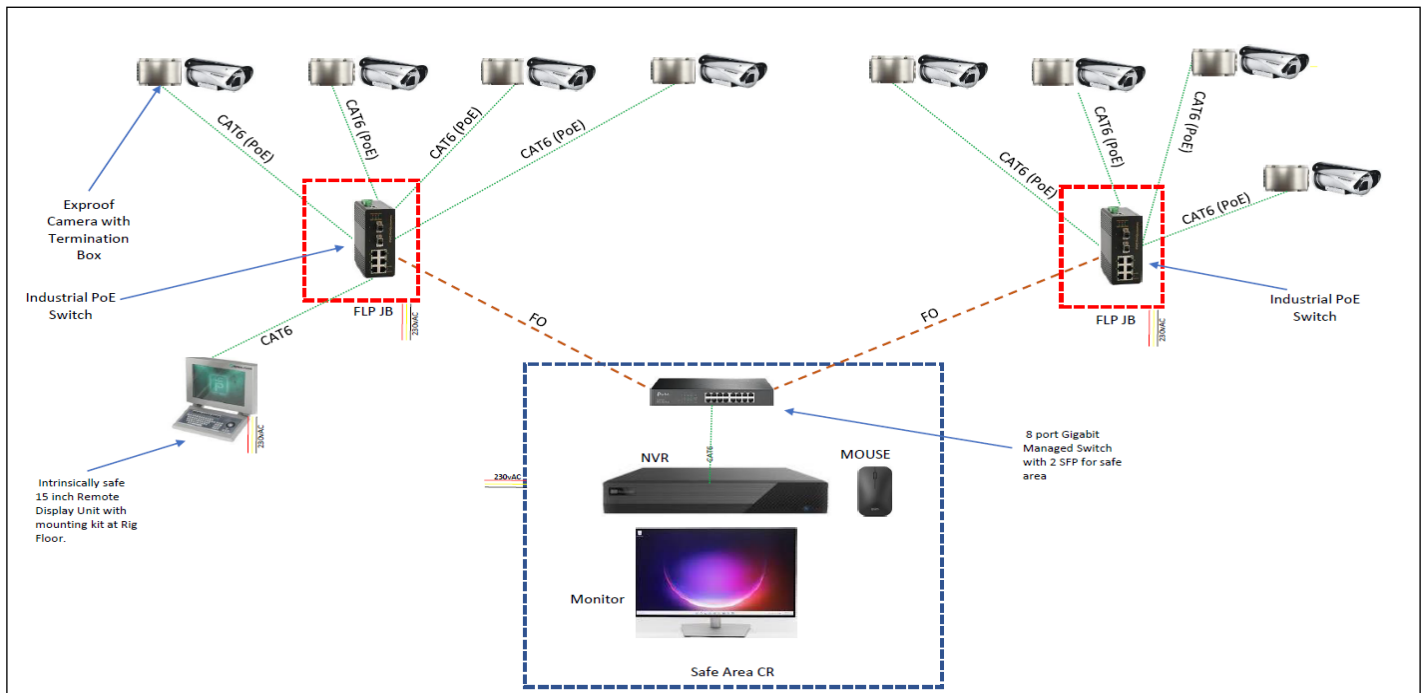
A.15) LIU			Make:	
S/N	Parameters	Requirements	Compliance (Yes/No)	Remarks
A.15.1	Box	Powder Coating and Aluminum Housing		
A.15.2	Splice Trays	Complete Aluminum Body, Provision for 12/24 Fiber splices, Cushioned splice holder		
A.15.3	Cable Spools	Flame retardant plastic, Two halves spool design		
A.15.4	Mounting	Din Rail Mountable, Suitable for installation in Junction Box		
A.15.5	Accessories	All other accessories (viz. Pigtail, coupler, fiber patch cord etc.) required for establishing the desired network connection		

A.16) CAT6 UTP Patch Cord		Make:	
S/N	Specification	Compliance (Yes/No)	Remarks
A.16.1	Category 6 patch cords with four pair twisted stranded copper wire cable terminated with RJ45 modular plugs at both the ends.		
A.16.2	Patch Cords 100% factory tested for better quality and suitable for the high speed data transmission.		
A.16.3	Complies with the ANSI/TIA/EIA-568-C.2, ISO/IEC 11801, RoHS compliant Standard. Supports Data Networks Speeds Up to 10/100-Base-T and 1000-Base-T.		
A.16.4	Patch cord with LSZH jacket to reduced toxic/corrosive gasses emitted during combustion		
A.16.5	Transparent modular plugs with transparent slip on boot and cable assemblies		
A.16.6	T568B wiring scheme crimped at both connector ends.		
A.16.7	Available in different colors and different length on request		
A.16.8	Patch cord conductor: 24 AWG, Stranded copper wires, Insulation : HDPE		
A.16.9	Connector Plug: 30μ" Gold plated contact, Phosphor Bronze base material		
A.16.10	Jacket Diameter : 5.8 ± 0.1mm		
A.16.11	Plug Insertion/Extraction Life: 750 Cycles min. using FCC approved plug		
A.16.12	Plug & Jack Contact Force : 100 Grams min. using FCC approved plug		
A.16.13	Plug Retention Force : 11 lbf min.		
A.16.14	Current Rating: 1.5 amps, Voltage Rating: 72 Vdc max.		
A.16.15	Insulation Resistance: 500MΩ min, Contact Resistance: 20mΩ max, DC Resistance: 0.1Ω max.		
A.16.16	ETL Verified 4-Connector Channel performance certificate		
A.16.17	Operating & Storage Temperature : 0 °C to +60° C		

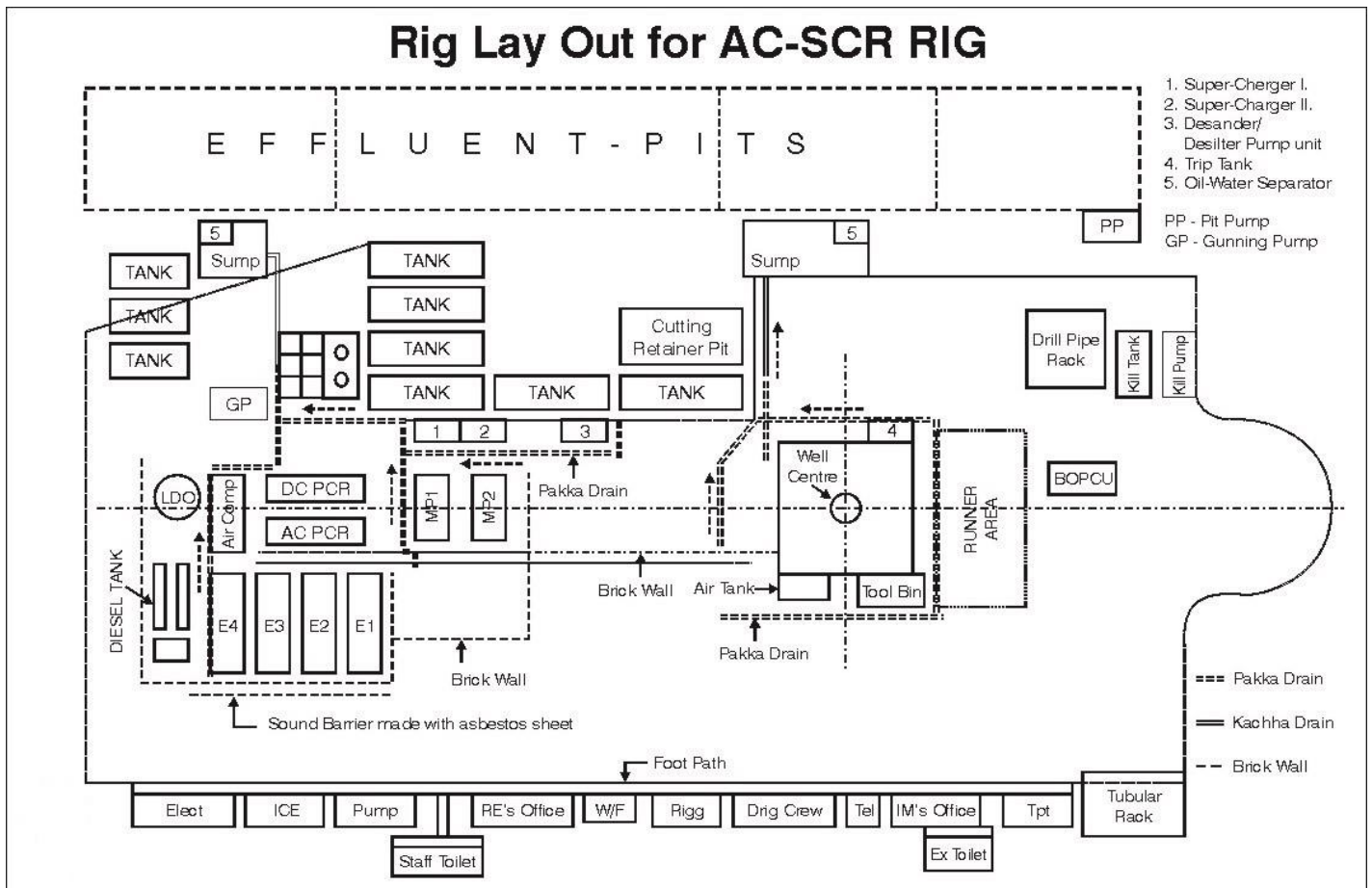
A.17) 32mm HDPE Pipe		Make:	
S/N	Specification	Compliance (Yes/No)	Remarks
A.17.1	32mm outer diameter HDPE pipe for laying cables. Contractor to provide HDPE connector for every joint. The color of the HDPE pipe will be GREEN.		
A.17.2	Operating & Storage Temperature : 0 °C to +60° C		

A.18) FRP Cable Tray with Cover		Make:	
S/N	Specification	Compliance (Yes/No)	Remarks
A.18.1	50mm FRP Cable Tray with cover for laying cables in the rig structure.		
A.18.2	Operating & Storage Temperature : 0 °C to +60° C		

Drawing-1: CCTV Connection Scheme



Drawing-2: General Rig Layout



*****END OF APPENDIX TO SOW *****

REVISED TECHNICAL EVALUATION SHEET FOR PQC

Bidder's Name: _____

Sl. No.	Clause No. of BEC/BRC	Description	Compliance		Bidder to indicate Relevant Page No. of their Bid to support the remarks/ compliance
			Yes	No	
1		<p><u>BID EVALUATION CRITERIA (BEC)</u></p> <p>The bid shall conform to the specifications and terms and conditions given in the Bidding Documents. Bids will be rejected in case material and services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bid to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and will not be considered for evaluation. All the documents related to BEC shall be submitted along with the Technical Bid.</p>			
1.0 ELIGIBILITY CRITERIA:					
2		<p>The bidder must be incorporated/registered in India and must maintain more than or equal to 20% local content (LC) for the offered services to be eligible to bid against this tender.</p> <p>Regarding calculation of local content and submission of documents during bidding & execution of contracts, provision of Public</p>			

		<p>Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India as revised vide Order No. P45021/2/2017-PP (BE-II) dated 16th September 2020 (and as amended time to time) with modifications as notified vide MoP&NG Order No. FP-20013/2/2017-FP-PNG-Part (4) (E-41432) dated 26th April 2022, shall be applicable.</p> <p>Whether or not the bidders want to avail PP-LC benefit against this tender, it is mandatory for them to meet the following at the bidding stage:</p> <p>(a) The bidder must provide the percentage (%) of local content in their bid, without which the bid shall be liable for rejection being non-compliant.</p> <p>(b) The Bidder shall submit an undertaking PROFORMA-XII from the authorised signatory of bidder having the Power of Attorney along with the bid, stating that the bidder meets the minimum LC requirement (Categorically specifying the % of LC) and such undertaking shall become a part of the contract, if awarded.</p> <p>(c) The aforesaid undertaking of the bidder shall also 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 practicing chartered accountant (in respect of other than companies) giving the percentage of local content.</p> <p>(d) Along with the technical bid, bidder must submit a copy of their Certificate of Incorporation / Registration or any other valid document(s) which substantially establishes its constitution in India.</p>			
2.0 TECHNICAL EVALUATION CRITERIA:					
3	2.0	2.1 BIDDER'S QUALIFICATION CRITERIA:			

4	2.1.1	Bidder shall be classified either as “OEM of CCTV camera and Network Video Management Solution” or “System Integrator of CCTV surveillance solutions” .			
5	2.1.2	Bidder as System Integrator shall submit an authorization letter from OEM of CCTV camera and Network Video Management Solution to quote against this enquiry. The sample format authorization letter is provided as Annexure-A enclosed below. Note: All CCTV Camera & Network Video Recorder should be from the same OEM.			
6	2.1.3	The Cameras shall be approved for Hazardous areas as per specifications. The copy of supporting documents/certificates from approved agencies (IECEX / ATEX) & PESO in this regard and IP66 or better ingress protection should be submitted along with technical bid.			
7	2.1.4	For electrical appliances, equipment, machinery or other material that are used in Hazardous areas of oil mines (area within 30 m radius from well head), Zone-1/2, copies of Ex-test reports/certificates conforming to IS/IEC 60079 standards and other relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEX accredited laboratory or ATEX notified body (which is not a part of manufacturer's facilities), shall be submitted along with technical bid and also with supply of materials. The latest version of standards shall prevail.			
8	2.1.5	The Contractor must furnish an undertaking along with their technical bid, for all the products/service support along with uninterrupted and timely supply of spare parts for at least 05 (Five) years from the date of successful installation and commissioning.			
2.2 BIDDER'S EXPERIENCE CRITERIA:					
9	i)	The bidder shall have experience in successfully executing/completing at least 01 (one) “SIMILAR WORK” under a single contract during the last 07 (Seven) years reckoned from the original bid closing date in date in Central Govt./State Govt./Public Sector Undertaking/State Govt. Enterprise/any Oil & Gas Sector/ Public Limited Co/E&P company/Drilling installations.			

		Note: E&P means any company engaged in exploration and production of crude oil & natural gas.			
Notes to BEC Clause 2.2 above:					
10	a)	“SIMILAR WORK” mentioned in Para 2.2, i) above means experience of “Supply, Installation and Commissioning of CCTV Surveillance System with Annual Maintenance consisting of minimum 08 (Eight) Explosion Proof Cameras for outdoor & hazardous environment. for live viewing and recording” .			
11	b)	Order/SIMILAR WORK executed in closed premises like office buildings or non-hazardous areas will not be considered as relevant experience.			
12	c)	Camera OEM should give a declaration on their letterhead that they have never been banned by ONVIF. The OEM should provide necessary documentary evidence for being a member of ONVIF.			
13	d)	Offered make explosion-proof camera should have minimum 01 (One) year proven track record for satisfactory performance of the products in any Oil & Gas Sector / E&P companies/ Hazardous Environment Application. Performance certificate from end user(s) shall be submitted along with bid.			
14	e)	In case, the bidder offer a new product/model for cameras, the OEM has to submit their declaration in their letterhead for product upgradation against a successful product having necessary experience/track record as per clause d) above.			
15	f)	Bidder must furnish the following undertakings/supporting documents from the Original Equipment Manufacturer(s) of CCTV & Video Management Solution, Network Switch, Workstation & UPS along with the bid: (i) The OEM(s) shall guarantee the availability of spares for minimum 5 (Five) years for the offered model. (ii) The OEM(s) shall have maintenance / service facilities in India.			
16	g)	Bidder should furnish an undertaking for the product/ service support along with an uninterrupted and timely supply of spare parts for at least			

		5 (Five) years for the quoted model. The bidder must give details of their after-sales service support/ repair services that will be provided by them for uninterrupted services			
17	h)	Bidder to note that change of OEM of any product is not acceptable after submission of bid.			
18	i)	The bidder shall have single point responsibility for supply, packaging, delivery, installation, testing and commissioning and Maintenance Contract of complete package.			
19	j)	<p>For proof of requisite experience [refer Clause No. 2.2, i)], the following documents/ photocopy (self-attested/attested) must be submitted along with the bid:</p> <p>A. Contract document showing details of Supply & Work, AND</p> <p>B. Job Completion Certificate showing: (i) Nature of job done and Work order no./Contract no. (ii) Contract period and date of completion OR</p> <p>C. SES (Service Entry Sheet)/Certificate of Payment (COP) issued by the company indicating the following: (i) Order no./Contract no. (ii) Period of Service (iii) Nature of Service</p> <p>D. Satisfactory supply completion/inspection/installation report (if submitted) should be issued on client's official letterhead with signature and stamp.</p>			
20	k)	Only Letter of Intent (LOI)/Letter of Award (LOA), or Work Order(s) are not acceptable as evidence.			
21	l)	Mere award of contract(s) shall not be counted towards experience. Successful completion of the awarded contract(s) to the extent of volume,			

		as stipulated respectively under Clause Nos. 2.2 shall only be treated as acceptable experience.			
22	m)	<p>Following work experience shall also be taken into consideration:</p> <ul style="list-style-type: none"> (i) If the prospective bidder has executed contract in which similar work is also a component of the contract. However, work done under job responsibility, job specification or duties performed against the component(s) shall not be considered as work experience under Clause Nos. 2.2. (ii) In case the start date of the requisite experience is beyond the prescribed 07 (seven) years reckoned from the original bid closing date, but completion is within the prescribed 07 (seven) years reckoned from the original bid closing date. The Work experience failing within the prescribed 07 (seven) years reckoned from the original bid closing date will only be considered. (iii) If the prospective bidder is executing similar work which is still running and the contract value/quantity executed prior to original bid closing date is equal to or more than the minimum prescribed value in the BEC. <p>Proof of work experience against Para m. (i) and (ii) above, to satisfy a) similar work b) minimum prescribed value/quantity/period c) prescribed period of 07 years, to be submitted as below:</p> <p>Bidder must submit the breakup of similar work and its quantity/period executed within the prescribed period of 07 (Seven) years reckoned from the original bid closing date. The breakup must be certified by the end user or a certificate issued by a practicing Chartered/Cost Accountant Firm (with Membership Number & Firm Registration Number).</p>			

		<p>Proof of work experience against Para m. (iii) above, to satisfy a) similar work b) minimum prescribed quantity/period c) prescribed period of 07 years, to be submitted as below:</p> <p>A. Breakup of similar work</p> <p>B. Contract document showing details of work.</p> <p>C. LOA/LOI/Work order showing:</p> <p>(i) Nature of job awarded.</p> <p>(ii) Contract no./Work order no.</p> <p>(iii) Contract period and date of completion</p> <p>D. Certificate of Payment (COP)/SES (Service Entry Sheet) up to the previous month of the original bid closing date of this tender issued by the company indicating the following:</p> <p>(i) Work order no./Contract no.</p> <p>(ii) Period of Work Done</p> <p>(iii) Nature of Service</p> <p>In case the documents submitted as per Para j. above are not sufficient to establish the value/quantity/period of the similar work against Para m., the bidder shall also have to submit the breakup of the works executed under such contract(s) clearly indicating the value / quantity / period of ‘WORK’ which should be certified by the end user or a certificate issued by a practicing Chartered / Cost Accountant Firm (with Membership Number & Firm Registration Number).</p>			
23	n)	In case requisite experience is against OIL's Contract, the bidder need not submit requisite documentary evidence but must categorically specify			

		OIL's Contract Number and date against which they have executed the work.			
24	o)	"SIMILAR WORK" executed through 'sub-contracting' shall not be considered for evaluation.			
25	p)	"SIMILAR WORK" executed by a bidder for its own organization/subsidiary cannot be considered as experience for the purpose of meeting BEC.			
26	q)	Bidders submitting their bid based on the experience of their Technical Collaborator/Joint Venture/Parent/Subsidiary/Co subsidiary/Sister Subsidiary and also from 'Consortium of Companies' shall not be considered.			
27	r)	Bids submitted for part of the work shall be rejected. Bid shall be rejected if not accompanied with adequate documentary proof in support of Work experience as mentioned in Para 2.2.			
28	3.0	<u>FINANCIAL EVALUATION CRITERIA:</u>			
29	3.1	Annual Financial Turnover from operations of the bidder during any of preceding 03 (three) financial/accounting years from the original bid closing date should be at least ₹ 1,23,84,000.00 (Rupees One Crore Twenty-Three Lakh Eighty-Four Thousand) only.			
30	3.2	Net worth of the bidder must be Positive for the preceding financial/accounting year.			
26		<u>Notes to BEC Clause 3.0 above:</u>			
31	a.	For proof of Annual Turnover from operation & Net worth, any one of the following documents/photocopies must be submitted along with the bid: (i) Audited Balance Sheet along with Profit & Loss account. OR			

		<p>(ii) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), as per format prescribed in PROFORMA-XIV.</p> <p>Note: Mention of UDIN (Unique Document Identification Number) is mandatory for all Certificates issued w.e.f. February 1, 2019 by Chartered Accountant in Practice</p>			
32	b.	<p>Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months/within the due date for furnishing of audit report as per Section 139(1) of IT Act, 1961 (read along with latest circulars/notifications issued by CBDT from time to time) 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 undertaking in support of the same along with their technical bid as per PROFORMA-IX.</p>			
33	c.	<p>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>			
34	d.	<p>In case the bidder is a Government Department, they are exempted from submission of document mentioned under para a. and b. above.</p>			
35	e.	<p>Bid will be rejected if not accompanied with adequate documentary proof in support of Annual turnover and Net worth as mentioned above in Para 3.3.2.</p>			

4.0 COMMERCIAL EVALUATION CRITERIA:

36	4.1	The bids are to be submitted in single stage under Two Bid System i.e. Un-priced Techno-Commercial Bid and Price Bid together. The Un-priced techno-commercial bid (or Technical bid) must comprise of all the technical documents substantiating the previous experience, financial & technical credentials of the bidder and any other document as asked for in the bid document. There should not be any indication of price in the Technical bid; otherwise, the bid shall be rejected straightway			
37	4.2	<p>Bidders must fill the 'PRICE BIDDING FORMAT / FINANCIAL DOCUMENT' and compute all-inclusive (including GST) bid value. This all-inclusive (including GST) bid value is to be entered against the 'OFFER PRICE' field in the GeM portal. The duly filled 'PRICE BID / FINANCIAL DOCUMENT' in electronic form must be submitted by the bidders through GeM Portal only along with the Financial Bid. Any Financial Bid without the duly filled Price Bid may be liable for rejection.</p> <p>Note:</p> <ul style="list-style-type: none">i) The breakup of the quoted / offered price, as per the prescribed Price Bid Format MUST NOT be uploaded with the technical bid; otherwise the bid shall be rejected straightway. Only the black price bid format complying/confirming that you are quoting for all services under Price bid, may be submitted as a part of technical bid.ii) Further, supplementing the quoted "OFFER PRICE" the price bid to be filled up and submitted accordingly i.e by matching their total price including GST to the "OFFER PRICE" mentioned in the GeM Portal.			
38	4.3	The quantities shown against each item in the BOQ shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the quantities for various			

		operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual Quantity consumed, as the case may be.			
39	4.4	The price quoted by the successful bidder must be firm during the performance of the contract and not subject to variation on any account except as mentioned in the bid document. Any bid submitted with adjustable price quotation other than the above will be treated as non-responsive and rejected.			
40	4.5	<p>EMD/Bid Security: Bid Security in Original shall be furnished as a part of the Technical Bid and shall reach the office of CGM- Contracts, OIL at Duliajan on or before 14:00 Hrs (IST) on the bid closing date. A scanned copy of the bid security shall however be uploaded in GeM portal along with the Technical Bid. The amount of Bid Security shall be as per the EMD/Bid Security amount mentioned in “INTRODUCTION” of the tender. Bid without proper & valid Bid Security will be rejected.</p> <p>Note: In case bid security is deposited in the form of BG/FDR. the BG/FDR should be valid for 150 days from the Original Bid Closing date mentioned in the tender, also a duly filled undertaking in the prescribed format (enclosed as PROFORMA-XI) must be submitted along with the BG. In case BG is submitted in the form of irrevocable BG, bidders shall submit the BG as per the enclosed format for BG for Bid Security PROFROMA-V issued by Nationalized or Scheduled Bank in favour of M/s Oil India Limited and payable at DULIAJAN. The Bank Guarantee must be on Non-Judicial Stamp Paper of requisite value as per Indian Stamp Act purchased in the name of Banker.</p>			
41	4.5.1	In case the bidder is exempted from submission of EMD / Bid security, the bidder shall submit valid documents as mentioned in Clause No. 10 of (Instructions to Bidders) ITB .			
42	4.6	Any bid received in the form of Physical document/Telex/Cable/Fax/E-mail will not be accepted.			

43	4.7	Bids shall be typed or written in indelible ink.			
44	4.8	Bids shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by bidder, in which case such corrections shall be initiated by the persons(s) signing (digitally) the bid. However, white fluid should not be used for making corrections. Any bid not meeting this requirement shall be rejected.			
45	4.9	Any bid containing false statement will be rejected and action will be taken by Company as per Bid Document.			
46	4.10	<p>Bidder must accept and comply with the following provisions as given in the Tender Document in toto, failing which offer will be rejected:</p> <ul style="list-style-type: none"> (i) Firm price (ii) EMD/Bid Security/Bid Bond (iii) Period of validity of Bid (iv) Price Schedule (v) Performance Bank Guarantee / Security deposit (vi) Delivery / Completion Schedule (vii) Scope of work (viii) Guarantee of material / work (ix) Liquidated Damages clause (x) Tax liabilities (xi) Arbitration / Resolution of Dispute Clause (xii) Force Majeure (xiii) Applicable Laws (xiv) Specifications (xv) Integrity Pact 			
47	4.11	There should not be any indication of price in the Un-priced Techno-Commercial Bid. A bid will be straightway rejected if this is given in the Un-priced Techno-Commercial Bid.			
48	4.12	Bid received with validity of offer less than 120 (One Hundred Twenty) days from Original Bid Closing Date will be rejected.			
49	4.13	The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide “PROFORMA-XIII/INTEGRITY PACT” 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 Un-priced Techno-Commercial Bid) duly signed (digitally/physically) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.			
5.0 PRICE EVALUATION CRITERIA:					
50	5.1	Price bid shall be opened in respect of only the techno-commercially acceptable bidders whose bids have been found to be substantially responsive. A substantially responsive bid is one that meets the terms and conditions of the Tender and/or the acceptance of which bid will not result in indeterminate liability on OIL			
51	5.2	It is to be clearly understood that the assumptions made in respect of the quantities for various operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual number of days/parameter, as the case may be.			
52	5.3	The bidders are advised not to offer any discount/rebate separately and to offer their prices after considering discount/rebate, if any.			
53	5.4	Conditional and unsolicited discount will not be considered in evaluation. However, if such bidder happens to be the lowest recommended bidder, unsolicited discount without any condition will be considered for computing the contract price.			
54	5.5	The inter-se-ranking of the techno-commercially qualified bidders will be determined on overall lowest cost basis (L-1 offer) i.e. considering the Total quoted price inclusive of all liabilities and GST.			
55	5.6	In case of identical overall lowest offered rate by more than 01 (one) bidder, the selection will be made in accordance with GeM GTC.			
56	5.7	OIL will prefer to deal with registered bidder under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet. However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid.			

57	5.8	Input Tax Credit on GST (Goods & Service Tax) for this service is NOT available to OIL & the bids will be evaluated based on total price including GST.			
58	5.9	Based on the evaluation of techno-commercially qualified bidders, the job will be awarded to L-1 bidder.			
6.0 GENERAL					
59	6.1	In case bidder takes exception to any clause of bidding document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by company. The loading so done by the company will be final and binding on the bidders. No deviation will however be accepted in the clauses covered under BEC/BRC.			
60	6.2	To ascertain the substantial responsiveness of the bid the Company reserves the right to ask the bidder for clarification in respect of clauses covered under BEC/BRC also and such clarifications fulfilling the BEC/BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be evaluated based on the submission. However, mere submission of such clarification shall not make the offer responsive, unless company is satisfied with the substantial responsiveness of the offer.			
61	6.3	If any of the clauses in the BEC/BRC contradict with other clauses of bidding document elsewhere, the clauses in the BEC/BRC shall prevail.			
62	6.4	Bidder(s) must note that requisite information(s)/financial values etc. as required in the BEC/BRC & Tender are clearly understandable from the supporting documents submitted by the Bidder(s); otherwise Bids shall be rejected.			
63	6.5	OIL will not be responsible for delay, loss or non-receipt of applications for participating in the bid sent by mail and will not entertain any correspondence in this regard.			
64	6.6	The originals of such documents [furnished by bidder(s)] shall have to be produced by bidder(s) to OIL as and when asked for.			
65	6.7	DOCUMENT AUTHENTICITY UNDERTAKING: Bidders should note that Company (OIL) may verify authenticity of all the documents /certificates / information submitted by the bidder(s) against the tender. In case at any stage of tendering process or Contract execution etc., if it			

		is established that bidder has submitted forged documents / certificates / information towards fulfilment of any of the tender / contract conditions, Company shall immediately reject the bid of such bidder(s) or cancel / terminate the contract besides taking action as per OIL's Banning Policy dated 6th January 2017 revised on 17.03.2023, available in the OIL's website. Accordingly, service provider/vendor to submit the Undertaking of authenticity of information/documents submitted as per PROFORMA-VIII.			
7.0 PURCHASE PREFERENCE CLAUSE:					
66	7.1	<p><u>PURCHASE PREFERENCE TO MSE BIDDERS:</u> Purchase Preference to Micro and Small Enterprises is applicable for this tender.</p> <p><u>Documentation required to be submitted by MSEs:</u> Categorization 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 and as amended time to time.</p> <p>The bidder claiming the MSE status (MSE-General, MSE-SC/ST, MSE-Woman) against this tender has to submit the following documents along with the technical bid for availing the benefits applicable to MSEs:</p> <p>i. Udyam Registration Number with Udyam Registration Certificate</p> <p>Note: In case bidding MSE is owned by Schedule Caste or Schedule Tribe or Woman entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST/Woman entrepreneur should also be enclosed.</p>			
67	7.2	<p><u>PURCHASE PREFERENCE POLICY (LINKED WITH LOCAL CONTENT) (PP-LC):</u> Purchase preference under Public Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India as revised vide Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 (and as amended</p>			

		time to time) with modifications as notified vide MoPNG Order No. FP-20013/2/2017-FP-PNG-Part (4) (E-41432) dated 26th April 2022, shall be applicable in this tender. Bidders to check the provisions of the Order for their eligibility to bid and seek benefits for Purchase preference, accordingly.			
68	7.3	<p>Contract shall be awarded for the entire scope of work under this tender subject to concurrent application of Public Procurement Policy for MSE Order 2012 and PP(MII) Order 2017 as per Order No. F.1/4/2021-PPD dated 18.05.2023 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Govt. of India and any subsequent amendment thereto.</p> <p>Note:</p> <p>a. In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs - Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy as per PROFORMA- XV. Bidder to categorically confirm under which policy i.e. PP-LC or MSE, they want to avail the benefit and to submit requisite document/certificate in support to avail this benefit. The bids shall be evaluated based on their declaration. No benefit shall be given if the bid is submitted without any above declaration along with supporting document as per the respective policies.</p> <p>b. The services required under the tender are not splittable.</p>			
69	8.0	<u>COMPLIANCE OF THE COMPETITION ACT, 2002:</u> The bidder shall strictly comply with the provisions of the Competition Act, 2002, more particularly, Section-3 of the Act. Any violation the provisions of the Act shall attract penal action under the Act.			
70	9.0	<u>RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES LAND BORDER WITH INDIA:</u> Subject to Order No. F. 7/10/2021-PPD (1) dated 23.02.2023 (as amended from time to time), issued by Ministry of Finance, Department of Expenditure, Public			

		Procurement Division, Govt. of India. Please refer Clause No. 12.0 of “INTRODUCTION” for more details.			
71	10.0	<p>CUSTOMS DUTY: In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @12% (BCD Nil & IGST @12%) subject to conditions specified therein (Condition No. 48). However, Condition No. 48 along with List-33 of the said notification has been amended vide Customs Notification No. 02/2022- Customs dated 01.02.2022.</p> <p>Similarly, the domestic supply of such goods would attract 12% GST (i.e. IGST or CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.</p> <p>Bidders shall take note of the prevailing customs notifications including the latest amendment vide gazette Notification No. 02/2022-Customs dated 01.02.2022 while quoting their prices. Bidder should consider concessional Customs Duty only for those items appearing in List-33 therein. Items of their import other than those appearing in List-33 of the said gazette notification shall be considered as duty payable on merit basis in their respective bid. OIL shall issue the requisite undertaking/certificate on request from Contractor for availing concessional rate of customs duty only against the items explicitly covered under List-33 of Customs Notification No. 02/2022-Customs dated 01.02.2022 or against any other item(s) subsequently declared by the competent authority during the tenure of the contract to be duty exempted/concessional. However, in the event of refusal/denial by Customs Authority to accord exemption/concession of Customs Duty against import of items which are explicitly covered under List-33 of Notification No. 02/2022- Customs dated 01.02.2022, such applicable customs duty shall be reimbursed at actual by OIL to the Contractor on submission of documentary evidence.</p>			

	<p>Similarly, the items other than those appearing in List-33 of the said gazette notification, if to be imported by the Contractor for the purpose of execution of contract against this tender, the same shall be considered as duty payable on merit basis and the applicable customs duty thereof must be included by the bidder in their respective bid value. OIL will not issue any Undertaking/Certificate towards customs duty concession/exemption for those items (not included in List-33 of Notification) and the duty payable on merit shall be borne by the Contractor. However, any other item if subsequently notified by the competent authority to be Duty free/concessional during the tenure of the contract, OIL will issue requisite Certificate/Undertaking for Contractor to avail the Customs Duty benefit and the duty benefit must be passed on to OIL. Additionally, for all those items against which the bidder considers the Customs Duty on merit, the list specifying the Customs Duty Rate (percentage) may be furnished, so that subsequent increase/decrease in Customs Duty, if any shall be reimbursed/recovered by OIL as the case may be on documentary evidence.</p> <p>Bidders should submit the list of items which are to be imported for execution of the contract against this tender as per Proforma-A prudently along with their bid. Undertaking/Certificate for availing concessional rate of Customs Duty shall be issued by OIL only for the eligible items, provide the same are included in the Proforma-A submitted by the bidder.</p> <p>Note: The above stipulations shall prevail over other clauses if stipulated otherwise elsewhere in the original tender document/previous amendments. However, the aforementioned notifications are subject to change as per Government guidelines and the provisions ruling at the time of Bid Closing will be applicable.</p>			
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72	11.0	CHECKLIST FOR BEC-BRC: Enclosed as TECHNICAL EVALUATION SHEET (PROFORMA-XVII) and COMMERCIAL CHECK-LIST (PROFORMA-X) . To be submitted along with the technical bid.			
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*******END OF TECHNICAL EVALUATION SHEET*******