

**OIL INDIA LIMITED**

(A Government of India Enterprise)  
P.O. Duliajan-786602, Assam, India  
E-mail: [material@oilindia.in](mailto:material@oilindia.in)

INVITATION FOR BID  
NATIONAL COMPETITIVE BID

OIL INDIA LIMITED invites National Competitive Bid (NCB) through its e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following items:

<b>E-Tender No.</b>	<b>Bid Closing / Opening Date</b>	<b>Item</b>
<b>SDI4603P18</b>	<b>29.06.2017</b>	<b>FIRE FIGHTING SYSTEMS – 01 NO</b>
<b>SDI4647P18</b>	<b>15.06.2017</b>	<b>PRINTERS – 84 NOS</b>
<b>SDI4648P18</b>	<b>15.06.2017</b>	<b>PRINTERS – 33 NOS</b>
<b>SSI4497P18</b>	<b>29.06.2017</b>	<b>CATFLOC-120000 KG.</b>
<b>SSI4425P18</b>	<b>15.06.2017</b>	<b>CABLE – 24000 MTRS</b>

Tender fee (Non-refundable): Rs 1,000.00 (to **be paid online only**); Bid Closing/Opening Time: **(11 Hrs.) IST/(14 Hrs.) IST**; Period of sale of documents: **Till one week prior to bid closing date**. The complete bid documents and details for purchasing bid documents, participation in E-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website [www.oil-india.com](http://www.oil-india.com).

**NOTE:** All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only and no separate notification shall be issued in the press. Bidders should regularly visit above website and e-portal to keep themselves updated.



**OIL INDIA LIMITED**  
(A Government of India Enterprises)  
PO : Duliajan – 786602  
Assam (India)

TELEPHONE NO. (91-374) 2808719

FAX NO: (91-374) 2800533

Email: ranjanbarman@oilindia.in ; erp\_mm@oilindia.in

**FORWARDING LETTER**

**Tender No.** : SDI4603P18 dated 03.05.2017

**Tender Fee** : Rs 1,000.00

**Bid Security** : Applicable

**Bidding Type** : SINGLE STAGE TWO BID SYSTEM

**Tender Type** : Open Tender

**Bid Closing / Opening on** : As mentioned in the e-portal

**Performance Security** : Applicable

**Integrity Pact** : Applicable

OIL invites Bids for **SUPPLY, INSTALLATION & COMMISSIONING AND AMC OF FIRE FIGHTING EQUIPMENT – 01 NOS** through its e-Procurement site under **SINGLE STAGE TWO BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents

The general details of tender can be viewed by opening the RFx [ Tender] under RFx and Auctions. The details of items tendered can be found in the Item Data and details uploaded under **Technical RFx**.

**The tender will be governed by:**

- a) For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = 0374-2807178, 0374-2807171 , 0374-2807192. Email id = [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in).
- b) OIL's office timings are as below:

	Time (in IST)
Monday – Friday	07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM
Saturday	07.00 AM to 11.00 AM
Sunday and Holidays	Closed

Vendors should contact OIL officials at above timings only.

**OIL Bank Details :**

	<b>Bank Details of Beneficiary</b>	
<b>a</b>	Bank Name	STAE BANK OF INDIA
<b>b</b>	Branch Name	Duliajan
<b>c</b>	Branch Address	Duliajan, Dist-Dibrugarh
<b>d</b>	Banker Account No.	10494832599
<b>e</b>	Type of Account	Current Account
<b>f</b>	IFSC Code	SBIN0002053
<b>g</b>	MICR Code	786002302
<b>h</b>	SWIFT Code	SBININBB479
<b>i</b>	Contact No.	9435554859
<b>j</b>	Contact Person Name	Mr. K.L.K.Banik, AGM
<b>k</b>	Fax No.	0374-2802729
<b>l</b>	Email Id	<a href="mailto:sbi.02053@sbi.co.in">sbi.02053@sbi.co.in</a>

- c) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.
- d) Technical specifications and Quantity as per **Annexure – 1A**.
- e) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.
- f) Amendments to the NIT after its issue will be published on OIL’s website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.
- g) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).
- h) Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the **Technical Attachment. For details please refer “Vendor User Manual” / “NEW INSTRUCTIONS”**

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**1.0 Vendors having OIL's User ID & password may pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).**

**Vendors who do not have OIL's User ID & password, may generate User ID & password online by the Vendor by using the link for supplier enlistment given in OIL's e-tender portal and then pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).**

**No physical tender documents will be provided. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site [www.oil-india.com](http://www.oil-india.com).**

**NOTE:**

**In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of Tender Fee upto one week prior to the Bid closing date (or as amended in e-portal).**

**2.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidders are required to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" through electronic format in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.**

**2.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the RFx Information > Technical Attachment only. The "TECHNO-COMMERCIAL UNPRICED BID" shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFx Response.**

**2.2 The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. For price upload area , please refer "NEW INSTRUCTIONS"**

**2.3 Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in [Annexure-CCC](#).**

**3.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with Tender no. and Due date to DGM-Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender.**

- a) Original Bid Security**
- b) Detailed Catalogue (if any)**
- c) Any other document required to be submitted in original as per tender requirement**

**All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in Duplicate.**

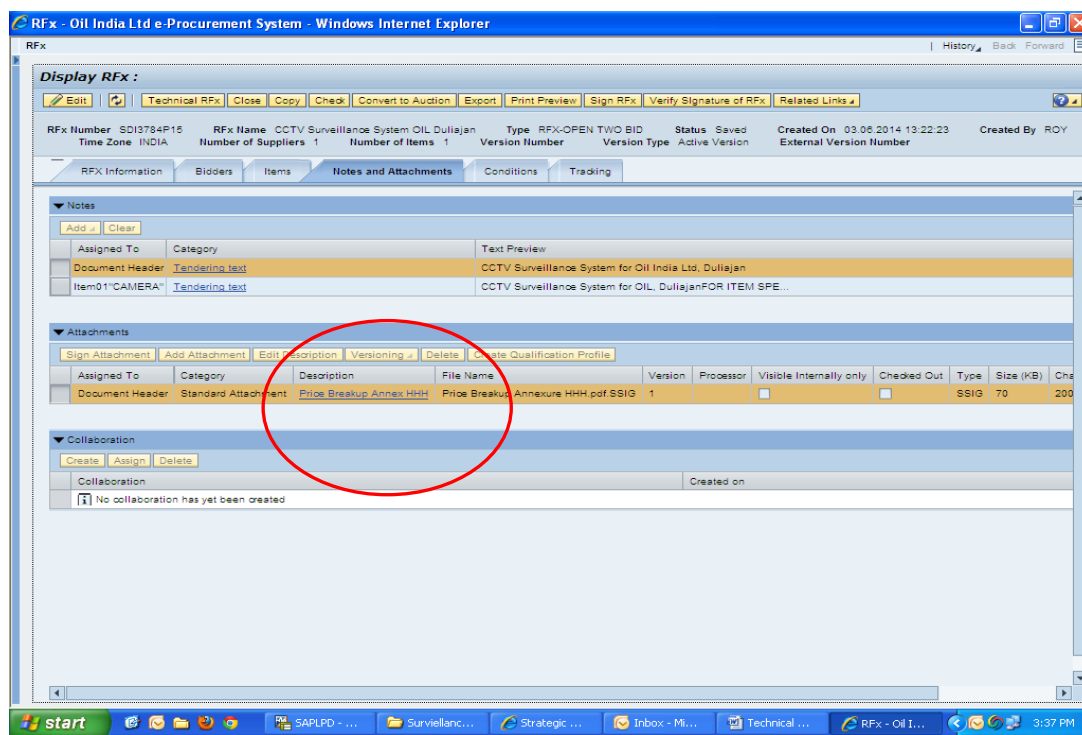
**4.0 Benefits to Micro & Small Enterprises (MSEs) as per OIL's Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details. MSE bidders are exempted from submission of Tender Fees and Bid Security/Earnest Money provided they are registered for the items they intend to quote.**

- 5.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.
- 6.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.
- 7.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
- 8.0 **SINGLE STAGE TWO BID SYSTEM** shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.
- 9.0 a) **The Integrity Pact is applicable against this tender. Therefore, please submit the Integrity Pact document duly signed along with your quotation as per BRC. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be submitted by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.**
- b) **The name of the OIL's Independent External Monitors at present are as under:**
- SHRI RAJIV MATHUR, IPS (Retd.)**  
**Former Director, IB, Govt. of India,**  
**e-Mail ID : [rajivmathur23@gmail.com](mailto:rajivmathur23@gmail.com)**
- SHRI SATYANANDA MISHRA, IAS (Retd.)**  
**Former Chief Information Commissioner &**  
**Ex-Secretary, DOPT, Govt. of India**  
**E-Mail ID : [satyanandamishra@hotmail.com](mailto:satyanandamishra@hotmail.com)**
- 10.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed **Annexure-CCC**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-CCC**) contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders elsewhere, those in the BEC / BRC shall prevail.
- 11.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

- 12.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
- 13.0 If Bank Guarantee is submitted towards 'Bid Security', then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

#### 14.0 **Price Breakup:**

Bidders should submit the price breakup of all the items as per "Annexure HHH" which has been uploaded under "Notes & Attachments" > "Attachments" as shown below. The price breakup "Annexure HHH" should be filled up, signed and uploaded under "Notes & Attachments" > "Attachments" only. **The filled up price breakup of all the items should not be uploaded in Technical Attachment.**



Please do refer "NEW INSTRUCTION TO BIDDER FOR SUBMISSION" for the above two points and also please refer " New Vendor Manual (effective 12.0.2017) " available in the login Page of the OIL's E-tender Portal.



## Oil India Limited e-Procurement

User ID \*

Password \*

Logon Problems? [Get Support](#)

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[Important Note for New Portal Users:](#)

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[General Guidelines to bidders](#)

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Click here for  
the New  
Manual &  
Instruction

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### NOTE:

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.**

**Yours Faithfully**

**Sd-  
( R BARMAN)  
SR MANAGER MATERIALS (IP)  
FOR : DGM-MATERIALS**

**Tender No & Date: SDI4603P18 DT:03.05.2017****BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)**

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the “Bid Rejection Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

<b><u>Criteria</u></b>	<b>Complied / Not Complied. (Remarks if any)</b>
<p><b>1.0 BID REJECTION CRITERIA (BRC):</b></p> <p>The bid shall conform generally to the specifications, terms and conditions given in this document. Notwithstanding the general conformity of the bids 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 rejected.</p> <p><b>A) TECHNICAL:</b> The bidder must meet the following criteria:</p> <p>A.1 The bidder shall have experience of successfully executing at least 01 (one) “Similar Work/Order” for Rs. 45.37 lakhs during the last 5 (five) years prior to original bid closing date (The bidder shall provide necessary documentary evidence for the same). ”Similar Work” will be defined as successful completion of Design, Supply, Installation and commissioning of Clean Agent Fire Suppression System as per NFPA 2001, latest edition &amp; OISD Guidelines.</p> <p>Bid will be rejected if not accompanied with adequate documentary proof (Refer Note 1 below) in support of experience as mentioned in Para A.1.</p> <p>Note-1 :- For proof of requisite experience, any one of the following documents (duly notarized) must be submitted along with the bid: - (i) Copy of the Purchase Order / Work Order. (ii) Commissioning Report / Certificate of Completion from the client. The above documents should clearly show Scope of Supply / Service, Completion Period, Date of Order &amp; Delivery / Date of Start and Completion of Job and Gross Value of Jobs Done.</p>	



**Note-2 :**

- (a) All the above mentioned documents shall be in the name of the bidder.
- (b) Possession of a supply order without complete execution or partially completed order will not be considered as previous experience of the bidder with respect to the Bidder's Experience criteria.
- (c) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

A.2 The Bidder must be the OEM (Original Equipment Manufacturer) or its authorized dealer of Inert Gas Clean Agent Systems with authorized service support base in India.

Authorized dealers must submit valid authorization certificate from the Original Equipment Manufacturer (OEM) with back up Warranty & Guarantee from the Original Equipment Manufacturer (OEM) along with the quotation, otherwise offer will not be considered.

The bid shall be rejected in case of any change of the proposed OEM after submission of the bid.

**B) FINANCIAL:**

a) Annual Financial Turnover of the bidder during any of preceding 03 (three) financial / accounting years from the original bid closing date should be at least **Rs. 45.37 Lakhs.**

b) Net Worth of the firm should be Positive for preceding financial / Accounting year **2016-2017.**

**Note -For (a) & (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 reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year ..... (As the case may be) has actually not been audited so far'.

Note: For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-

i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-J.

OR

ii) Audited Balance Sheet along with Profit & Loss account."

**A) COMMERCIAL:**

i) Validity of the bid shall be minimum 120 days from the Bid Closing Date.

ii) Bid security:

The bid must be accompanied by Bid Security of **Rs 1,88,500.00** in OIL's prescribed format as Bank Guarantee in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. **The Bank Guarantee towards Bid Security shall be valid for 7 months from Bid closing date. (i.e. upto 22.01.2018).**

**Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.**

**If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.**

For exemption for submission of Bid Security, please refer Clause No. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

**The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.**

iii) Bids are invited under “Single Stage Two Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” through electronic form in the OIL's e-Tender portal within the bid Closing date and time stipulated in the e-tender. The Techno-commercial Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. Any offer not complying with the above shall be rejected straightway.

iv) Performance Security:

a) 1<sup>st</sup> Performance Security @ 10% of PO value + ( Installation & Commissioning) shall be submitted within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. The Performance Security shall be valid for the entire period of Warranty of 1 year from the date of successful installation & commissioning plus 3(three) months.

b) 2<sup>nd</sup> Performance Security @ 10% of 2 years AMS value shall be submitted before expiry of 1<sup>st</sup> Performance Security. The Performance Security shall be valid for the entire AMS period of 2 years plus 3(three) months.

The Performance Security shall be in the following form :

A Bank Guarantee in the prescribed OIL's format valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement.

The Performance Security for capital nature items like plant and machinery etc. shall be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.

**The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.**

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

vi) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

vii) All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisation's name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3 with Organisation's Name" digital certificate, will be rejected.

viii) Technical RFx Response folder is meant for Technical bid only. Therefore, No price should be given in Technical RFx Response folder, otherwise the offer will be rejected.

ix) Price should be maintained in the "online price schedule" only. The price submitted other than the "online price schedule" shall not be considered.

**ix). A bid shall be rejected straightway if it does not conform to any one of the following clauses:**

**(a) Validity of bid shorter than the validity indicated in the Tender.**

**(b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.**

**(c) Bid Security with (i) Validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.**

**(d) In case the Party refuses to sign Integrity Pact.**

**(e) Annual Turnover of a bidder lower than the Annual turnover mentioned**

in the Tender.

**(f) Maximum delivery: Maximum acceptable delivery period for all material at site within 10(Ten) months from the date of receipt of formal purchase order.**

**Site Installation and commissioning: Within 08(Eight) months from the date of receipt of site clearance from OIL**

**Warrenty:The Bidder should guarantee / give free warranty for trouble free performance of the supplied systems & work executed for a minimum period of 12 (twelve) months from the date of commissioning of the complete system.**

**AMC:Bidder shall have to quote for comprehensive Annual Maintenance Contract (AMC) of the clean agent system for a period of 2 (two) years starting from the next day after expiry of warranty period.**

## **2.0 BID EVALUATION CRITERIA (BEC)**

The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

### **A) TECHNICAL:**

i) The bids will be evaluated as per NIT specification.

### **B) COMMERCIAL:**

i). To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.

ii) Priced bids of only those bidders will be opened whose offers are found technically acceptable. The technically acceptable bidders will be informed before opening of the "priced bid".

iii) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

iv) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

### **NOTE:**

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.**

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## TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No &amp; Date: SDI4603P18 DT:03.05.2017

	Complied / Not Complied. (Remarks if any)
<p><b><u>ITEM NO. 10</u></b></p> <p><b><u>DESIGN, SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING AND ANNUAL MAINTENANCE SERVICE FOR TOTAL FLOODING CENTRALIZED CLEAN AGENT FIRE SUPPRESSION SYSTEM AT CONTROL ROOM, RACK ROOM, ELECTRICAL ROOM AND BATTERY ROOM AT CGGS MADHUBAN AS PER STATUTORY REQUIREMENT WITH WARRANTY, AMC PROVISIONS AND AS PER NFPA 2001, LATEST EDITION &amp; OISD-116 GUIDELINES. – QTY = 01 NO</u></b></p> <p><b>A. SCOPE OF WORK</b></p> <p>Complete Design, Engineering, Supply of all materials, Installation, Testing, Commissioning and Handover of Total Flooding Centralized Clean Agent Fire Suppression System for Control Room, Rack Room, Electrical Room and Battery Room of CGGS &amp; OTP-Madhuban with Guarantee/Warranty and AMC provisions as per specifications, drawings, codes, standards and good engineering practice.</p> <p>All the 4 rooms are located on the ground floor of the "Control Room and Operator Building". The dimensions of the 4 (four) rooms where this system will be installed along with a list of few of the existing equipments / systems are given below -</p> <p>1. Control Room :</p> <p>A. Size : 9000mm x 10585mm x 5600mm* Height (* including 850mm False floor &amp; 1250mm False ceiling).</p> <p>B. Installed equipments -</p> <ol style="list-style-type: none"> <li>Metering panel (415V/230V AC)-3 Nos</li> <li>UPS panel (415V/230V AC) – 2 nos.</li> <li>Fire alarm panel (230V AC/24V DC)-1 No.</li> <li>Auxiliary console (230V AC/24V DC)-1 No.</li> <li>Thyristor control panel (415V/230V AC)-1 No</li> <li>Operator Console (230V AC/24V DC)-1 No (with 7 nos operator station)</li> </ol> <p>2. Rack Room :</p> <p>A. Size : 9000mm x 10500mm x 5600mm* Height (*including 850mm False floor &amp; 1250mm False ceiling).</p> <p>B. Installed equipments -</p> <ol style="list-style-type: none"> <li>Distributed Control System panel – 4 nos.</li> <li>Emergency Shut-Down system panel – 7 nos.</li> </ol>	

- c. AC distribution board (for UPS supply) – 1 no.
- d. PBAX panel – 1no.
- e. Power Distribution Panel-1 No.
- f. CCTV Panel-1 No.
- g. DCS Engineering Console-1 No

### 3. Electrical Room:

A. Size: 8885mm x 15885mm x 5600mm (height).

#### B. Installed equipments -

- a. PMCC panel (1600Amp).
- b. Normal lighting distribution board (800Amp).
- c. Emergency lighting distribution board (125Amp).
- d. LDB & ELDB for ground lighting control (25Amp+25Amp).
- e. Normal lighting transformer (250KVA).
- f. Emergency lighting transformer (25KVA).
- g. Welding receptacle (100Amp).
- h. AC PDB (250Amp).
- i. Auxiliary PDB (63Amp).
- j. Neutral grounding resistor (0.75Amp & 320#) : 1 no.

### 4. Battery Room:

A. A. Size: 8885 x 7000mm x 5600mm (height).

B. Nos. of batteries: 576 nos. (288x2), Ni Cd battery, 12V each

A.C. Power distribution Junction Box-2 Nos

PLAN view of the "Control Room and Operator Building" is enclosed (as Annexure-1).

The vendor shall be responsible to complete the entire work in all respect and any other work necessary to complete the job whether specifically mentioned or not in the scope of work as per applicable latest national and international standards.

The vendor is required to calculate the actual net volume of the risk based on building design. Accordingly, shall design the system to meet the minimum requirements of total flooding fire extinguishing Clean Agent system as per NFPA-2001(latest edition) and having design concentration as specified at 70 deg. F (21 deg.C) for the single largest risk area.

The system design shall be total flooding and Clean Agent requirement shall correspond to the single largest risk area of building. Selector/directional valves to be used as per design so that clean agent will discharge in particular areas as per requirement.

It shall be noted that Clean Agent system to be provided shall meet the requirements of NFPA-2001 (latest edition).

The system shall be designed based on the single largest risk area. However, the grouping of cylinders shall be made in such a way that discharge takes place corresponding to the volume of the risk under fire.

The system shall include electrically actuated automatic Clean Agent Fire Extinguishing

System complete with filled up Clean Agent cylinders, cylinder rack, manifolds, pressure reducing devices, cylinder valves, directional valves, pipes, pipe fittings, discharge nozzles, bracket supports, hangers, Cable & Cable Tray and other fittings as necessary for complete installation of the system. This list is not complete but indicative only.

The system will also include 100% Clean Agent filled standby cylinders for each room. Both Primary & Standby cylinders shall be permanently connected to the distribution piping through manifold & arranged for easy operation/ Auto change over.

Complete system shall be as per NFPA 2001 (latest edition). Hence anything specified as "Mandatory" in NFPA-2001, although not specifically mentioned in this specification, shall form part of this specification and will fall within the scope of work.

System installation may involve chipping of existing RCC / brick walls / removal & re-fixing of part of false ceiling and false flooring of risk areas, fixing fasteners etc.

Clean agent piping may have to clear:-

1. The beams and ribs which criss cross the ceiling.
2. Path of AC Duct.
3. Cabling of false flooring/ceiling.
4. Light Fittings

#### B. COMPLETION PERIOD :

Completion period shall be as follows –

Supply: Maximum acceptable delivery period for all material at site within 10(Ten) months from the date of receipt of formal purchase order.

Site Installation and commissioning - Within 08(Eight) months from the date receipt of site clearance from OIL.

#### C. TECHNICAL SPECIFICATION :

1) Applicable reference codes and standards:

The latest editions of the following codes, specification and standards shall be used for the detailed design and specification of Clean Agent system:

- a) NFPA-2001 (latest edition) for Clean Agent Fire Extinguishing System.
- b) NFPA70 National Electric Code
- c) NFPA72 National Fire Alarm Code
- d) NFPA101 Life Safety Code
- e) OISD 116
- f) OISD 163
- g) Relevant Indian Standards
- h) Relevant ISO standards.
- i) UL 2166 / UL 2127 standard for Safety
- j) Clean Agent manufacturer's recommendations

Applicable Acts and Regulations:

- a) OMR 1984
- b) Applicable local Fire safety and prevention act
- c) Department of Explosives Bare Act, 1984
- d) Explosive Rules, 1983
- e) Gas Cylinder Rules 2004
- f) PESO Nagpur or relevant standard for Storage Cylinders
- g) Ozone Substance Depleting Rules-2000, MoEF, Govt. of India
- h) The Kyoto & Montreal protocol.

2) List of approved clean agents:

The Clean Agent to be used should be as per NFPA-2001 (latest edition) and can be selected from either of the following –

- (i) IG-100
- (ii) IG-541

3) System design and system operation logic:

All the 4(four) rooms as mentioned in Scope of Work are to be protected independently using any of the proposed gas system. Selector/directional valves will be used so that gas will discharge to particular room only in case of fire.

The centralized system shall be designed to protect the single largest risk area (volume wise) of all the three portions simultaneously i.e. below false floor + main room + above false ceiling.

There should be a provision of "by-pass system" between the existing fire alarm panel and the proposed clean agent control panel to avoid any eventuality that may occur in the existing fire alarm panel.

System operation shall be possible at least by the following means:

- a) Automatically due to fire detection in the protected area.
- b) Operation of manual release push button located adjacent to protected area.
- c) By operating manual lever provided on electrical/ manual control head on pilot cylinder
- d) By push button actuation at Clean Agent control panel, in manual mode.

4) Design:

- a) All equipment and devices used shall be listed by the standardizing agencies (UL/FM/Vds/LPCB or equivalent).
- b) The agent discharge shall be completed automatically within the time frame as specified in NFPA 2001 (latest edition).
- c) System shall be designed for No Adverse Effect Level (NOAEL) and the maximum discharge concentration shall not exceed NOAEL.
- d) The minimum oxygen concentration shall be as per NFPA-2001 to have NOAEL.
- e) The pipings & nozzles shall be designed to allow discharge of 95% of minimum design concentration of clean agent gas as per NFPA 2001 (latest edition).
- f) The system must have both manual mode and auto mode.
- g) System flow calculations must be done using software approved by UL/FM/Vds/LPCB and certified by TAC accredited agency.
- h) Manufacturer's guidelines/limitations need to be followed for the system design.



- i) Bidder shall work out the quantity of Clean Agent as per NFPA-2001, latest edition. Suitable margins of 20% for leakage etc. shall be kept over & above the calculated quantities.
- j) The minimum design concentration of Clean Agent gas shall be as per NFPA-2001 (latest edition).
- k) The Clean Agent storage cylinders shall be designed to hold Clean Agent at ambient temperatures.
- l) Storage cylinder design pressures shall be as per NFPA-2001 (latest edition).
- m) Capacity of cylinder shall be determined keeping in view the filling ratio as per NFPA-2001 and will be based on the storage space available and for better replacement and interchangeability.
- n) All the cylinders shall be seamless, brand new (date of manufacturing of cylinders shall not be older than 1 year from the date of bid opening), never retested and month & year of manufacture shall be latest.
- o) Cylinder shall bear the mark of manufacturer, serial number, single test certificate issued by authority having jurisdiction and shall be duly approved by competent authority of the country of origin (FM/UL/Vds/LPC/EEC) in addition to approval by PESO/CCOE Nagpur, (India). Cylinders without approval will not be accepted. A reliable means of indication shall be provided to determine the pressure in refillable cylinders like bourdon type pressure gauge with fixed switch contacts to indicate cylinder low pressure where - on loss of pressure the No contacts shall close and indicate "Low Pressure" alarm in the gas release panel at the switch set point pressure through the addressable input module monitoring the contact switch. The gauge shall have stainless steel case and accuracy Class 1.6..
- p) PESO/CCOE Approval and certificates of the cylinders and its valves is a must.
- q) All the Cylinders shall conform to the requirement of NFPA. Each cylinder shall have pressure relief valve to protect the cylinders against excess pressure conditions. Automatic means such as check valve shall be provided to prevent agent loss if the system is operated when any cylinder is removed for maintenance.
- r) Cylinders shall have a name plate specifying the agent, tare & gross weight in addition to the pressurization level.
- s) Cylinder brackets shall be UL listed and/or FM approved or equivalent international agency approved for use with the Inert Gas clean agent system. Cylinder storage racks / structural steel frames shall be provided for main as well as for reserve cylinders.
- t) Location of the cylinder storage area is shown in the attached sketch (Annexure-2).
- u) Bidder shall select the capacity of cylinders based on the storage space available and for better replacement and interchangeability.
- v) Actuating and Pilot cylinders will have proper approval.
- w) Means should be provided to detect problems like loss of clean agent from the system.
- x) Cylinders, pipes, nozzles and other devices shall be tightly fixed to structures
- y) Piping should be as per the requirements specified in NFPA-2001(latest edition). Pipe thickness should be as per ASME B31.1 power piping code.
- z) System piping shall be of non-combustible materials having physical and chemical characteristics such that its integrity under stress can be predicted with reliability.
- aa) If required, the exposed piping works shall be camouflaged to match with the interior of the protected room.
- bb) All joints should be welded. Threaded pipes, if used, shall have threads in joints and fittings conforming to ANSI B1.20.1.
- cc) Pipe fittings shall be provided as per clause no. 4.2.3 of NFPA-2001.
- dd) Cylinder manifold pipe shall be properly listed and no local make cylinder manifold shall be used.
- ee) In case of CS Studs, Bolts and Nuts shall be Hot Dip Galvanised as per ANSI A153 for corrosion resistance.

ff) Discharge nozzles shall conform to Cl.4.2.5 of NFPA 2001(2015 edition) and shall be of Brass and shall be FM/UL/Vds/LPCB approved. Discharge time should be based on 20% safety factor and shall not exceed the time specified in NFPA- 2001 (latest edition).

gg) Vendor shall submit Manufacturer's Test Certificates for pipes and fittings duly approved by third party inspection agency like DNV, TUV etc.

hh) Paintings shall preferably be as per shade No. 536 of IS: 5, but the colour of the cylinders will be as per the content inside and applicable rules/standards. However, finalization will be done during detail design and approval.

ii) All other materials not mentioned herein should be compatible with the Clean Agent used and should comply with the requirements of NFPA-2001 (latest edition).

jj) The Clean Agent system shall be designed to function properly for the temperature range specified in NFPA-2001.

kk) Vendor need to provide adequate measures like properly designed louvers etc to release over pressure due to release of clean agent

ll) Hot dip galvanizing for the cable trays shall be carried out as per IS-4759 after fabrication of trays.

mm) All interconnection cables shall be copper armored cables and is in the scope of the vendor.

nn) Adequate pressure venting and motorized dampers as per NFPA 2001 are to be used. Calculation pertaining to the same need to be submitted along with the technical Bid.

#### 5) Control Panel for Clean Agent System

Control panel shall meet the requirements of NFPA-2001.

The local control panel shall be free standing, floor mounted type and shall be suitable for both auto and manual operation. Panel should be of robust construction. The panel shall be naturally ventilated, totally enclosed, dust and vermin proof, with IP-42 enclosure as a minimum.

The Clean Agent system shall be actuated automatically by the signal received from the fire detection Sensors/Fire Alarm Panel(FAP). Fire alarm and detection panel is not in the scope of Clean Agent Vendor. After detecting the fire by the detectors in the protected area/ zone, respective detectors shall provide an actuating signal to Clean Agent control panel, which in turn shall energise the solenoid valve to trigger the dumping operation in the respective protected area / zone. Necessary control / interlock cabling between fire detection sensors and Clean Agent system panel shall be provided by the Clean Agent system Vendor. The fire alarm and detection panel is located in the existing Control Room. The control panel shall be located at any convenient place decided by the owner at the time of detailed engineering.

In case of main power failure, backup power will be provided by the existing UPS system of the installation. No separate backup power is required. However, the system should be designed and installed such that upon main power failure, backup power automatically services the system.

Control panel shall be provided with all alarms, indicators, caution /sign board and controls meeting all the requirements of NFPA-2001 (latest edition) and shall include but not to be limited to the following:

- a. Two alarms and one fault indicator lamp for each zone to be protected.
- b. Combination of Alarm Silence and Alarm Off switch.
- c. Combination of fault silence and trouble lamp switches.

- d. Alarm test switch.
- e. Alarm reset switch.

The unit is to provide the following functions and logic sequence

- a. Operation of all smoke/heat detection circuit.
- b. Operation of all clean agent discharge circuits.
- c. Operation of all audible, visible pre-alarm and alarm signals.
- d. Manual pull station circuits.
- e. Alarm circuits.
- f. Abort switch circuits.
- g. Time delay circuits.
- h. Provide set of contacts for connection to pre action valve.

The system shall have a positive warning device by sounding alarm to alert personnel of the impending discharge and also a positive indication to show that the system has actuated. Two numbers potential free contacts shall be provided for owner's use, one contact for indication of start of dumping operation and other contact for indication of end of dumping operation.

Alarm indicating failure of supervised devices or equipment shall give prompt and positive indication of any failure and shall be distinctive from alarm indicating operation of hazardous conditions.

Warning and instruction signs at entrance to and inside protected areas shall be provided.

Control Box /Clean Agent Release Panel shall be provided for manual control at the exit doors of each risk area.

Potential free contacts shall be provided from the Clean Agent Control Panel to shut off the fire dampers / louvers and Air Conditioning System.

Operating instructions shall be displayed on a name plate fitted permanently on the Clean Agent skid.

Clean Agent extinguishing system shall incorporate a pre-discharge alarm with a time delay, sufficient to allow personnel evacuation prior to discharge. The delay shall be maximum 180 seconds. However it shall be adjustable from 0 to 180 seconds.

Supplier shall supply cable Trays as required to lay the cables. The cable trays shall be installed with proper supports using angles of proper size. All the structural supports shall be properly painted with primer and finished painting.

Solenoid valves shall be direct acting type with SS body, 24V DC with proper insulation .

Abort switch shall be provided where investigation of delay is desired between detection and actuation of the system. Clear operating instructions shall be provided by the side of the abort switch.

The alarm system shall be in the combination of horn and strobe and shall be functional simultaneously. The sound level of horn (audio alarm) shall be at-least 98 decibels at a distance of 3 meters. The flash rate of strobe (visual alarm) shall be 1 to 3 per second with peak light

intensity of 800 candle power.

6) Addressable Fire alarm System:

a) The supplied Clean Agent Fire Suppression System will have to be integrated with existing Addressable Fire Alarm and Detection System.

b) Applicable standards: NFPA-2001 (latest edition).

Existing Fire Alarm Panel :

SL NO SPECIFICATION MATERIAL OF CONSTRUCTION

- 1 MAKE Tyco
- 2 MODEL NO Minerva MX 4000
- 3 TYPE OF SYSTEM - Digital
- 4 NO OF LOOPS - 2-8
- 5 ADDRESSES PER LOOP -250 Nos
- 6 MAINS SUPPLY - 120 V -240 V AC at 50/60 Hz
- 7 TYPE OF WIRING - Class A Type
- 8 POTENTIAL FREE CONTACTS- For Common Fire Alarm, For Fault Alarm,For Conformed Fire
- 9 AUXILLARY OUTPUTS - For external Hooter

NOTE : Interfacing of existing FAP with 'Control Panel for Clean Agent System' (CAS) is under the scope of the bidder and any Hardware/ System Software / Service Support required to establish communication between existing FAP & CAS is in bidder's scope.

7) Nos. of Detectors Present (Room wise)

SL NO LOCATION ITEM NAME TOTAL ITEM(in NOS.) MAKE & TYPE

- 1 CONTROL ROOM -SMOKE DETECTOR(MOUNTED ON FALSE CEILING)- 2 TYCO (THORN)- 801PH DIGITAL  
-SMOKE DETECTOR (MOUNTED ON FALSE FLOORING)- 2 TYCO (THORN)-801PH DIGITAL  
-SMOKE DETECTOR (CEILING MOUNT)- 2 TYCO(THORN)-801PH DIGITAL  
-RESPONSE INDICATOR- 4  
-MANUAL CALL POINT- 1
- 2 RACK ROOM- SMOKE DETECTOR(MOUNTED ON FALSE CEILING)- 2 TYCO(THORN)- 801PH DIGITAL  
-SMOKE DETECTOR(MOUNTED ON FALSE FLOORING)-2 TYCO(THORN)- 801PHDIGITAL  
-SMOKE DETECTOR (CEILING MOUNT)-2 TYCO(THORN)-801PH DIGITAL

- RESPONSE INDICATOR - 4
- MANUAL CALL POINT - 1

3 BATTERY ROOM - HEAT DETECTOR- 4 TYCO(THORN)-801 H DIGITAL  
- HYDROGEN DETECTOR 1

4 ELECTRICAL ROOM -SMOKE DETECTOR (CEILING MOUNT)- 2 TYCO(THORN)-  
801PH DIGITAL  
-MANUAL CALL POINT - 2

Addressable Smoke Detectors-

SL NO SPECIFICATION MATERIAL OF CONSTRUCTION

- 1 MAKE- THORN
- 2 MODEL NO -801 PH
- 3 TYPE OF SYSTEM- Digital
- 4 POWERED FROM - Fire Alarm Panel
- 5 FIRE DETECTING PRINCIPLE-Detector should follow light-scatter principle using optical components operating at a specific wavelength

Addressable Heat Detectors-

SL NO SPECIFICATION MATERIAL OF CONSTRUCTION

- 1 MAKE- THORN
- 2 MODEL NO- 801 H
- 3 TYPE OF SYSTEM -Digital
- 4 POWERED FROM- Fire Alarm Panel
- 5 Operating Temperature -25° deg. C to +70° deg.C

Addressable Break Glass Call Point-

SL NO SPECIFICATION MATERIAL OF CONSTRUCTION

- 1 MAKE- THORN
- 2 MODEL NO- CP 820
- 3 TYPE OF SYSTEM -Digital
- 4 POWERED FROM- Fire Alarm Panel
- 5 Operating Temperature -25° deg. C to +70° deg. C

The above Details in tabular format are given in Annexure 6 and Fire Alarm Layout for Control Room and Operator Building is enclosed as Annexure-3.

8) Electric Supply:

OIL shall provide 240 VAC +/- 10%, 50 Hz +/-5% single phase power supply at a convenient point or as recommended by the vendor. Converter, if required, to convert to any other operating voltage shall be in bidder's scope.

9) Material of construction:

- a) The materials of construction used in the system shall be in accordance with NFPA-2001 (latest edition) or as specified by the original equipment manufacturer for the intended use (If the same is not specified in NFPA-2001 latest edition).
- b) The material of construction shall be UL/FM/Vds/LPC approved. The approval of the same shall be submitted at the time of bid submission.

10) Approval of installation:

- a) Approval of installation shall be subject to satisfying the requirements of NFPA-2001, latest edition.
- b) The supplier shall furnish the following certificates along with other required certificates –
  - i. Composition certificate of Clean Agent satisfying all the requirements of NFPA-2001, latest edition.
  - ii. Filling certificate should be provided specifying from which original Clean Agent drum the gas has been taken and which cylinder is filled.
  - iii. Hydro test certificates and PESO approval of seamless cylinders to be submitted.
  - iv. Manufacturer's Test Certificates for pipes and fittings duly approved by third party inspection agency like BVQI, TUV etc. including any other test certificates and reports as required by the purchaser.

11) Quality assurance:

- a) The manufacturer of the suppression system hardware and detection components shall be ISO 9001 registered. The filling Stations should have approval of UL/FM/Vds/LPCB/PESO or other equivalent authority.
- b) The name of the manufacturer shall appear on all major components.
- c) All major components shall be UL/FM/Vds/LPCB listed / approved / certified whereas minor components like dampers, fasteners, Pipes etc shall strictly comply to NFPA 2001, latest edition.
- d) All the Cylinder cabinets/manifolds to be provided by the bidder.
- e) Approval certificate of software from UL/FM/Vds/LPCB or equivalent shall be submitted along with the offer.
- f) Name plate data on the storage cylinders shall adhere to specifications.
- g) All the devices and equipments should be properly labeled.
- h) All fabrication / construction / installation jobs will be of the best quality and will comply with NFPA 2001, relevant Indian standards and other equivalent standards.
- i) Only qualified welders to a level of 6G as per ASME Sec. IX with proven track record will be permitted to carryout of the welding works. Welder qualification certificates shall be furnished to purchaser to obtain their consent.
- j) If a subcontractor is deployed by the vendor for carrying out part of the job, such subcontractor should have necessary regulatory approvals and adequate experience for doing this kind of job. For appointment of Subcontractor for part of the job, prior approval from OIL will be necessary. However, responsibility for quality maintenance of the job will lie with the vendor.
- k) Independent Third Party Inspection shall be carried out by reputed Third Party Inspection Agency (TPIA). Approval of OIL to be taken before engagement of TPIA. Third Party Inspection charges to be quoted by the vendor separately in the total cost of the system.

12) Testing:

## 1.0 Factory Acceptance Testing

Supplier shall arrange following Factory Acceptance Test in presence of OIL's representative by Third Party Inspection (TPI) agency approved by the OIL (viz. M/s Lloyds, M/s Bureau Veritas, M/s IRS, M/s RITES or M/s DNV only). Third party Inspection Charges shall be borne by the supplier. FAT procedure to be submitted by supplier for OIL approval.

a) Positive Material Identification (PMI) tests of 10% material of all piping, vessel and fasteners and other pressure components and witness by TPI.

b) Testing of PLC panel, repeater panel & Graphics at console for ensuring system functionality as per the requirement.

c) Review of approval & certification of DGMS & CIMFR / ERTL Certificates for Electrical Equipment & Enclosure to be mounted in classified hazardous areas.

d) Review of UL listing/FM approval document for the Nozzle.

e) Review of UL listing/FM approval for 3% concentrate AFFF/FFFP type foam.

f) Review of DGMS & UL listing or FM/VdS/LPC approval for linear heat detector.

g) 100% welding joints of pressure vessel and piping shall be radiographed and reports will be reviewed by TPI.

h) Inter granular corrosion test as per ASTM A-262 Practice-E (IGC) sampling and stamping to be done in presence of TPI.

i) Weld joint fit up to 10 % will be witnessed by TPI randomly.

j) Review of WPS (Welding Procedure Specification), WPQ (Welder's Performance Qualification) as per ASME Sec-II - Part-C & ASME-Sec-IX, QAP (Quality assurance plan) and mill test certificate of raw material and test certificate marking.

k) TPI shall witness 100% of the following manufacturing activities of pressure vessel and piping besides other inspection as per applicable codes:

Weld joint hardness test after PWHT if any

Final Visual and dimensional inspection

Air testing of nozzle pads

Hydro testing (Water quality should be monitored and shall not contain more than 25 PPM chlorides)

l) Measurement of expansion ratio of the foam produced from nozzle at 7 Kg/cm<sup>2</sup>

m) Test for full discharge and actuation of foam module when exposed to an actual fire on Rim seal simulator. This Rim seal simulator shall consist of a tray 300 mm wide and 6 meter long. The detector tube shall be mounted 300 mm above the fire pan and run along the centre line of the pan. The test fuel shall be a liquid hydrocarbon such as motor spirit, or kerosene. The module and discharge Manifold with Nozzles for carrying out the test shall be selected by the owner in presence of Third Party Inspection Agency. On actuation, entire Foam Module should be discharged in approximately 40 seconds and fire should be extinguished.

## 2.0 Site Acceptance Test:

Supplier shall arrange following Site Acceptance Test in presence of OIL's representative at no extra cost loaded to OIL:

a) Simulation of discharge of all Foam modules on each tank shall be done from the panel at control room. Foam required for the simulation/testing shall be supplied by the supplier. Nitrogen gas has to also be arranged by the supplier.

b) Actuation of foam discharge ball valve by operation of manual Fire call point outside the dyke.

c) Functioning of All signals at the control panels & Junction box outside the dyke.

d) Demonstration of resetting of Detection system after simulation from control room itself.

e) Demonstration of Site specific graphic console.  
f) UL listed 3% type AFFF/FFFP foam suitable for foam nozzles required during testing & commissioning shall be supplied by the supplier.  
Site Acceptance Test (SAT) as given above shall be conducted for each tank within maximum 15 days of completion of installation.

Based upon the above test requirement, supplier shall develop detailed Quality Assurance plan (QAP) & submit it to OIL for approval.

In order to determine that the system has been properly installed and will function as desired, tests as specified in NFPA-2001(latest edition) and in other relevant standards and codes will be performed.

Some of the other required tests are :

Dump test and integrity test as per NFPA-2001, latest edition are to be performed

A test for mechanical tightness of the piping shall be conducted as per Clause 7.7.2.4.12. Of NFPA-2001, edition 2015 and other similar clauses of NFPA 2001.

All welding joints shall be tested with dye-penetrant test for root pass and final pass welding.

Flow test (puff test) using Nitrogen shall be performed on the piping network to verify that flow is continuous and that the piping and nozzles are unobstructed as per NFPA-2001, latest edition.

While operating, testing and maintaining the system adequate Personal protective equipment shall be used.

#### 13) Commissioning :

Installation, testing & commissioning of the whole clean agent system as well as functional testing of the complete system will have to be carried out by the Bidder to the full satisfaction of site engineers of Oil India Limited.

The Clean Agent System will be deemed to be commissioned only after completion of installation, inspection & testing of the whole system and 72hrs trouble free continuous operation.

#### 14) Documentation:

The vendor shall provide 3 (three) sets of hard copy & 1 set of soft copy of complete Operation and Maintenance Instruction Manual to the owner. All aspects of system operation and maintenance shall be detailed, including piping isometrics, wiring diagrams of all circuits, a written description of the system design, sequence of operation and drawings illustrating control logic and equipment used in the system. Checklists and procedures for emergency situations, Troubleshooting techniques, maintenance operations and procedures shall also be included in the manual. All documents, "As built drawings", P&ID manuals, reports and written instructions shall be in the English language. Metric System units shall be used, unless otherwise specified. Also, copy of software license, if any, will be provided.

#### 15) Spares:



Commissioning Spares : Will be supplied by the vendor without any extra cost for smooth commissioning of the supplied Clean Agent Fire Suppression system.

Recommended Operational and Maintenance Spares: Successful bidder will provide a recommended spares list with part no., unit cost and quantity for 2 years operation and maintenance of the system.

Vendor shall be required to ensure the availability of spares for at least 12 years from the date of commissioning of the system, which will be supplied to OIL as and when ordered.

The bidders must submit a written undertaking (along with the bid) that they would be able to supply all the requisite spares and consumables (including bought out items) for a minimum period of 12 (twelve) years from the Certified date of successful commissioning of the unit.

In case of phasing out of the product/spare parts, the vendor shall notify OIL at least one year before such phasing out.

List of Recommended Operational and Maintenance Spares is only for information. The costs of these spares will not be considered for evaluation of bid.

**D. After Placement of Order :**

Detail design of the system including computerized system flow calculations using approved listed software (UL/FM/Vds/LPC), piping and storage layout, PFD, P&ID and GA Drawing, Hydraulic calculation for each risk area, Testing and inspection schedule and procedure, Cylinder data sheets. etc. will be submitted for approval of OIL immediately after receipt of LOA so that procurement / construction /installation activities can be started at the earliest.

Calculations for pipe sizes, time of discharge, flow, nozzle rate of discharge etc. will also be submitted for OIL's approval.

Few of the other documents to be submitted are -

- i. Catalogues/ Brochures giving technical particulars and details of operation/ maintenance of the offered elements/ system.
- ii. Certificates of agencies who have accorded approval for the components/ elements offered.
- iii. GA and schematic designs of Control Panel
- iv. Testing and inspection schedule and procedure according to NFPA 2001.
- v. Quality Assurance Plan

If the BIDDER is collaborating with any foreign party for basic engineering, design etc., the design and detailed drawing shall be approved by the collaborator (certificate of collaboration shall be furnished during bidding). But the final approval from OIL is a must.

Bidder will also have to provide a detail Execution Schedule within (seven) days of placement

of order.	
<p><b><u>ITEM NO. 20</u></b></p> <p><b><u>INSTALLATION &amp; COMMISSIONING : QTY = 01 AU</u></b></p> <p>Installation, testing &amp; commissioning of the whole clean agent system as well as functional testing of the complete system will have to be carried out by the Bidder to the full satisfaction of site engineers of Oil India Limited.</p> <p>The Clean Agent System will be deemed to be commissioned only after completion of installation, inspection &amp; testing of the whole system and 72 hrs trouble free continuous operation.</p>	
<p><b><u>ITEM NO. 30</u></b></p> <p><b><u>2 (TWO) YEARS COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT(AMC) STARTING FROM THE NEXT DAY AFTER EXPIRY OF WARRANTY PERIOD FOR TOTAL FLOODING CENTRALIZED CLEAN AGENT FIRE SUPPRESSION SYSTEM. – QTY = 01 AU</u></b></p> <p>COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT FOR 2 YEARS STARTING FROM THE NEXT DAY AFTER EXPIRY OF WARRANTY PERIOD.</p>	

**SPECIAL TERMS AND CONDITIONS ( FOR ALL THE ITEMS)**

A.

1.The offer and all documents enclosed with offer should be in English language only.The bids in other than English language must have an English version.Bid should be submitted for the full scope of work. Bid for part of the job will not be accepted.Conditional offer will not be accepted.Bidder has to provide written assurance to carry out 2 (two) years annual maintenance under the AMC provisions as specified in the tender.

2.Oil India Limited reserves the right to assess the bidder's capability in the overall interest of the project which may include document verification of documents, bidders works/ manufacturing facilities visit, manufacturing capacity, details of works executed, works in hand, details of plant and machinery, manufacturing and testing facilities, financial resources, details of quality control system, past experience, customer feedback etc. in the overall interest of the project OIL may also visit bidder's works / manufacturing facilities etc..

OIL's representatives may carry out inspection and testing of the system at the premises of the manufacturer prior to despatch. All the procedures as per standard including complete Control & Instrumentation system designed by the supplier for safe & efficient operation of the system should be demonstrated to OIL engineers during pre-acceptance at Suppliers works. A minimum 15 days notice is required for the same prior to date of inspection. Travel, Boarding and lodging charges for the Inspection and Testing will be borne by M/s OIL.

The bidder, if desires, may submit any minor deviation(s) to the tender stipulations for OIL's consideration. The deviation(s) must be submitted in a format mentioning Section No. and Clause No. along with the Deviation and Reason for Deviation (Proforma for Non Compliance enclosed as Annexure-4). It will be bidder's responsibility to furnish the deviation(s). If the same are not furnished, it will be assumed that the offered

system meet the specifications of the enquiry document in totality. Deviation mentioned anywhere else, except for those mentioned in the deviation format shall not be considered.

3.No deviations from applicable national/international standards will be allowed.

4.Oil India Limited may accept the bid with minor deviation(s) if the deviations do not affects in any way the scope, quality, or performance of work, or do not limit in any way the Company's right or the Bidder's obligations under the contract, and do not affect unfairly the competitive position of other bidders.

5.Oil India Limited also reserves the right to ask the bidder to withdraw the deviation(s). In case the bidder does not withdraw the deviations in spite of OIL's advice to do so, the bid will be rejected. The Company's (OIL's) decision in this matter will be final.

6.Interested bidders may visit the site at their own cost to take into consideration the site conditions before quoting the rates.

7.All hardware and software supplied must be new, of latest version available in the market, of best quality & workmanship and shall be procured from manufacturers or their authorized dealers only.

8.Equipment should be tested thoroughly before dispatch at the supplier's yard.

9.Packing should be adequate to avoid ingress of moisture and transit damage.

10.In case of any damage caused to the components during transportation, supplier shall have to repair / replace the defective components free of cost.

11.Following Documents indicating the Minimum Qualifying Parameters should be submitted along with the technical bid (this is over and above the other documents required to be submitted as mentioned anywhere else in this tender document and documents required to be submitted as per NFPA-2001):

(i)Documentary evidence that the Bidder is a manufacturer / authorized dealer of clean agent system as given in the NFPA 2001, latest edition.

(ii)Affidavit on a non judicial stamp paper worth Rs 10.00 indicating that the Bidder has not been black listed / holiday listed anytime in the past by any Government/ Semi Government Agency.

(iii)The Bidder shall furnish documentary evidence by way of copies of work order, completion certificates and balance sheet or Audited Financial Statements including Profit & Loss Account, necessary undertakings etc. along with bid to establish his experience and track record meeting qualification criteria. OIL reserve the right to complete the evaluation based on the details furnished without seeking additional information and hence it is bidder's responsibility to furnish all the data at first instance.

(iv)In case the bidder is an authorized dealer of the manufacturer of the equipment then a certificate from the manufacturer (in original) shall be submitted along with the bid certifying that the manufacturer shall support the bidder for this particular work.

(v)Original literature/catalogue,drawing etc. for the system being proposed.

(vi)Bidders are requested to furnish an affidavit certifying that all the information provided in the bid are true and if found false may lead to blacklisting of the firm/bidder.

(vii)Certificates of agencies who have accorded approval for the elements/ components offered.

12.Name of the Clean Agent to be provided shall be clearly furnished and approval for the same will be obtained from Owner.

13.To ascertain the substantial responsiveness of the bid, clarification in respect of various clauses of the tender including clauses covered under BRC may be asked from the bidder and such clarification(s) in toto must be received on or before the deadline given by the company, failing which the bid will be summarily rejected.

14.Material and Installation and commissioning cannot be offered independently.

15.The party shall employ only such workers who are above 18 years of age. All personnel employed by the party shall have sound health, good character and conduct. They shall be medically fit and fully competent to perform the work.

16.The design concentration of clean agent is to be clearly mentioned on the certificates issued by the approving authority.

17.Offer should be complete in all aspect.

18.Bids for Clean Agent Fire Suppression System using any of the two Clean Agents (IG-541 or IG-100) may be submitted. Bids may also be submitted for both IG-541 and IG-100 system. However, separate bid will have to be submitted for each of the clean agent system using different clean agent.Also separate bids will be required to be submitted if the bidder wished to submit bid for clean agent system operating at different pressures.

19.The technical offer must specify the name and address of the manufacturing company of the clean agent and their service centres in India.

20.Bidder shall show compliance on all the technical specification sheets.

21.The vendor shall arrange necessary storage and watch & ward of the entire work till handing over of the project.

22.In case of any imported equipment the vendor shall arrange for import license/custom clearance on its own.

23.No accessories shall be accepted as optional. The vendor will have to supply all the accessories with the equipment mentioned in literature submitted and no extra cost will be paid for the accessories.

24.Any dispute arising in the execution of order pertaining to this tender will be settled in the court of Assam jurisdiction only.

25.Purchaser will provide electricity and water required for the job free of cost at a fixed location near the site. However all machinery required for above work like welding, grinding, drilling, cutting tools, consumables, test instruments etc. are to be arranged by vendor along with necessary Junction boxes, fuses, cables, hoses, etc.

26.The successful vendor shall have to arrange for insurance of all the equipment valid up to commissioning of the system at his own cost.

27.The packing shall be sufficiently robust to withstand rough handling. Boxes/packing cases containing required equipment shall be water proof lined. All the matters on the control panel should be packed separately for mounting at site or mounted in such a manner to prevent transit damage.

28.It will be the responsibility of the vendor to train and educate the ultimate user for handling and operating the equipment free of cost.

Prior to final acceptance, the contractor's authorized personnel shall provide operational training in all concepts of the system to the owner's key personnel. Training shall consist of:

- System operation
- Trouble shooting procedure
- Abort procedure
- Emergency procedure
- Safety requirement

## B. SAFETY:

(i)The party shall abide by all safety and security rules and regulations existing in OIL. The party shall observe the safety measures required to be undertaken for safety of persons, labour, public and properties at work site/ plant premises/ residential premises/ public places etc. The party shall be required to take work permit from the Installation Manager for carrying out any job inside the installation. There can be instances of not getting permits, withdrawing of permits already issued at any stage of work due some operational safety and security reasons. For any stoppage of work for such reasons no claim whatsoever will be considered.

(ii)Stand by fire fighting equipment will be deployed at the work site by OIL. However, at least two of the party's personnel deployed for the work must be capable of handling the fire fighting equipment at the time of emergency and the persons will have to be present at the work site throughout the working time. If required the party's nominated persons will be imparted training on handling such equipment by OIL's Fire Service department.

(iii)Any compensation arising out of the job carried out by the party whether related to pollution, Safety or Health will be paid by the party only.

(iv)Any compensation arising due to accident of the party's personnel while carrying out the job, will be payable by the party.

(v)The party shall have to report all incidents including near miss to Installation Manager/ departmental representative of the concerned department of OIL.

(vi)In case the party is found non-compliant of HSE laws as required ,the company will have the right for directing the party to take action to comply with the requirements, and for further non-compliance, the party will be penalized as per prevailing relevant Acts/ Rules/ Regulations.

(vii)When there is a significant risk to health ,environment or safety of a person or place arising because of a non-compliance of HSE measures, Company will have the right to direct the party to cease work until the non-compliance is corrected.

(viii)Vendors will ensure that appropriate personal protective equipments are used by all their people while carrying out the job. All safety gears / PPEs like safety boots, helmets, safety belts, hand gloves, safety goggles, gas masks etc. required for carrying the job in a safe manner shall be arranged by the party .

(ix) Clearance of Site: - As a part of the job, the party shall completely remove all the temporary/ disposable materials if needed while execution of work or after completion of work at his own cost and dispose of the same as directed by OIL's Engineer-in-Charge.

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

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

(xii) The vendor's employees will not be entitled to free medical assistance from OIL.

#### C. Guarantee / Warranty:

i) The Bidder should guarantee / give free warranty for trouble free performance of the supplied systems & work executed for a minimum period of 12 (twelve) months from the date of commissioning of the complete system. In case of any defect or non performance of the system or a component during this guarantee / free warranty period, the same will have to be replaced free of cost. Any damage or defect that may arise or lie undiscovered at the time of completion of job should be rectified or replaced by the Bidders at their own cost. The supplied system shall be accompanied by guarantee bond from the supplier.

ii) Vendor will also have to replace the clean agent cylinders during the warranty period free of cost if clean agent discharge occurs due to a defect in the material or installation or workmanship in the supplied system.

Further, The manufacturer must provide a minimum of 15 years guarantee that if the system is banned by any international protocol in the future due to environmental criteria like global warming, ozone depletion potential etc. the bidder will replace the entire system free of cost with a system acceptable to the environmental agencies and prevailing national standards.

iii) Warranty from the vendor is also required on capability to recondition complete system within 72 hours in the event of a system activation.

iv) The Bidder should guarantee / give free warranty for trouble free performance of the supplied systems & work executed for a minimum period of 12 (twelve) months from the date of commissioning of the complete system. In case of any defect or non performance of the system or a component during this guarantee / free warranty period, the same will have to be replaced free of cost. Any damage or defect that may arise or lie undiscovered at the time of completion of job should be rectified or replaced by the Bidders at their own cost. The supplied system shall be accompanied by guarantee bond from the supplier.

v) Vendor will also have to replace the clean agent cylinders during the warranty period free of cost if clean agent discharge occurs due to a defect in the material or installation or workmanship in the supplied system.

vi) In case of system activation due to actual fire incident also, the vendor will have to replace / recharge / refill the cylinders and bring the system back to full functional state. In this case, cost of the clean agent (till delivery to the installation) and service charge will be reimbursed by OIL as per actual upon receipt of invoice for the same. However, the rates quoted cannot be more than the rates fixed under AMC and prior approval from OIL for the quoted rates will have to be taken before commencing job. The system vendor shall have to confirm that

the rates quoted are company list price and they have not supplied the same to any other party at a lesser price than this. To this effect the system vendor should submit relevant documentary evidence to OIL to substantiate.

vii)Warranty from the vendor is required on capability to recondition the complete system within 72 hours in the event of a system activation.

viii)During the warranty period the vendor will also have to provide free scheduled servicing and testing of the system. Schedule for planned servicing will be provided in the bid. Any loss of clean agent during inspection / scheduled maintenance / testing will have to be refilled by the system vendor.

ix)Breakdown maintenance will also have to be carried out by the vendor during the warranty period as and when required. All breakdown calls will have to be attended by the technicians deployed by the vendor within 48 (Forty Eight hours) of lodging of complaint by OIL (written or oral).

Minor defects not requiring presence of experts, will be rectified within 72 (seventy two) hours after receiving information about the problem from OIL. Major defects requiring presence of experts will be repaired within 168 hours of receipt of information about the problem from OIL. The 168 hours will be counted from initial lodging of complaint about the problem by OIL. In case the vendor cannot rectify the problem(s) within the time frame as given above, OIL reserves the right to deduct an amount of Rs.1000/- from the PBG of the vendor for each day of delay till the fault(s) is (are) rectified. However, the vendor may seek additional time by submitting written request to OIL with revised time schedule and proper justification. OIL may accept or reject system vendor's request at its discretion without giving any reason to system vendor. However, if any delay occurs beyond the agreed time schedule, a deduction of Rs.1000/- (Rupees one thousand) per day of delay will be made from the PBG of the vendor.

x)Further, The bidder must provide a minimum of 15 years guarantee that if the system is banned by any international protocol in the future due to environmental criteria like global warming, ozone depletion potential etc. the bidder will replace the entire system free of cost with a system acceptable to the environmental agencies and prevailing national standards.

#### D. Annual Maintenance Contract (AMC) :

Bidder shall have to quote for comprehensive Annual Maintenance Contract (AMC) of the clean agent system for a period of 2 (two) years starting from the next day after expiry of warranty period. The AMC cost will be quoted with year wise break up. The cost of the AMC shall be part of evaluation of the tender. Bid for only supply and installation of the clean agent system, without AMC, will not be accepted. A contract will be signed with the successful bidder for AMC of the system at the quoted rate and with the following terms -

AMC will include supply of manpower as well as supply of all the spares required to maintain the system in trouble free condition. The system will be maintained with the OEM Maintenance recommendations, best engineering practices and skills.

AMC may be carried out through reputed and experienced parties by the main system supplier. However, responsibility of proper maintenance of the system will lie on the bidder / system vendor on whom the order for supply and installation of Clean Agent Fire Suppression System is placed and OIL will have agreement only with this main vendor(main system supplier /successful bidder). The main vendor will have to ensure implementation of the following -

(i)Adequate numbers of technical personnel will be deployed for carrying out Annual Maintenance.

(ii) AMC personnel shall be properly trained by the vendor and will be issued proper authorization to work on the system by clean agent system supplier / vendor.

(iii) Provide regular inspection and maintenance service (predictive, preventive and break down maintenance) to the system in accordance with clean agent system manufacturer's written recommendations and maintenance manual.

(iv) Conduct inspections in accordance with the manufacturer's guidelines and recommendations of NFPA 2001. A minimum of 4 (four) visits per year shall have to be performed by the successful bidder under the AMC for preventive maintenance of the Clean agent system.

Inspections will include but will not necessarily be limited to:

a) Determination of clean agent contents and pressure.

b) Proper health, cleanliness and working order of all the equipments and instruments including control, detection, release and alarm systems.

Actuating, functional and performance tests of the system components without discharging agent will also have to be carried out as per standard procedure.

Documents certifying satisfactory system conditions after inspections and testing will have to be submitted.

(v) Breakdown maintenance will have to be carried out as and when required. All breakdown calls will have to be attended by the site technicians of the AMC contractor (successful bidder / system vendor) within 24 (twenty four hours) of lodging of complaint by OIL (written or oral). Minor defects should be rectified by the site technicians of the AMC contractor. In case of major faults, the AMC contractor shall have to mobilize their experts for repair of failure of equipment under intimation to OIL. The expert(s) will have to attend the problem within 72 hours of receipt of request to attend.

(vi) In case the contractor fails to attend to the report(s) within 24 (twenty four) hours of lodging of complaint by OIL – or - In case the expert(s) called to attend major fault(s), fails to attend the problem(s) within 72 hours of receipt of request to attend, OIL reserves the right to deduct an amount of 0.5% of yearly AMC charge for each day of delay.

(vii) Minor defects not requiring presence of experts, will be rectified within 48 hours after receiving information about the problem from OIL. Major defects requiring presence of experts will be repaired within 168 hours of receipt of information about the problem from OIL. The 168 hours will be counted from initial lodging of complaint about the problem by OIL. In case the AMC contractor cannot rectify the problem(s) within the time frame as given above, OIL reserved the right to deduct an amount of 1% of yearly AMC charge for each day of delay till the fault(s) is (are) rectified. In case the problem cannot be resolved within the stipulated time frame due to some genuine reason (like requirement of taking an item for repairing in outside workshop for maintenance) and not due to any fault on the part of the AMC contractor, the AMC contractor may write to OIL (with proper technical justification) seeking additional time for rectification of the fault(s). OIL will take decision in this regard after thorough examination of the problem and the situation. OIL's decision on the matter will be final and binding on the AMC contractor.

(viii) For any equipment transported to outside workshop for maintenance by the AMC contractor, the AMC contractor shall perform all the maintenance jobs, return the item to OIL, refit and ensure trouble free operation of the clean agent system within 10 days of taking the item to outside workshop for maintenance (including transportation time). If AMC contractor feels that 10 days is not sufficient for maintenance of any particular lot



of equipment, then the AMC contractor shall submit written request to OIL with revised time schedule and proper justification. OIL may accept or reject AMC contractor's request at its discretion without giving any reason. For any delay in rectification of the problem beyond 10 days of taking the item for maintenance at outside workshop, or beyond the revised time schedule as decided by OIL on AMC contractor's request, a deduction of 1% of yearly AMC charge for each day of delay will be made from the AMC contractor's subsequent Invoice(s) till the problem is resolved and system is restored

The system vendor / sub-contractor shall follow OIL's procedure in regard to the issue of Gate Passes for taking the materials out of OIL's installation.

(ix) All necessary tools & equipments and man power required for the AMC shall have to be arranged by the Bidder (AMC contractor) .

(x) All consumable spares required for preventive maintenance of the system shall be provided by the vendor (AMC contractor) without any extra cost. However, the bidder has to submit the list of spares along with the bid.

Any other item that may be required during the course of the AMC shall be supplied and assembled by the system vendor. Charges of these items shall be paid to the system vendor as per actual upon receipt of original invoice of the same. However, approval of OIL representative has to be taken before purchasing the item. The replaced parts should be new and from OEM / System Supplier. The system vendor shall have to confirm that the price of the part so invoiced is the company listed price and they have not supplied the same to any other party at a lesser price than this. To this effect the system vendor should submit relevant documentary evidence to OIL to substantiate. In case OEM make/OEM approved make is not available, other reputed make part may be procured after taking prior approval from OIL. Any item procured without authorization from OIL will not be reimbursed by OIL. Any procured spares, after inspection, if found not in compliance with the instructions or authorization given by OIL before procurement in terms of quality, quantity or usage, then the cost of such spares, chemicals or consumables will not be reimbursed or will be recovered from the vendor's invoices, if already reimbursed.

All replaced items will be handed over to OIL.

(xi) Recharging / replacement of clean agent cylinders will also have to be carried out under the AMC. Cost of the clean agent (till delivery to the installation) will be reimbursed by OIL in case of actuation of discharge of clean agent due to actual fire or due to no lapse in carrying out maintenance under the AMC. Unit rate of the clean agent for replacement/recharging/refilling (till delivery at the installation) should be quoted in the bid along with documentary evidence and will be a part of the AMC contract after approval by OIL. But, this cost will not be considered for evaluation of the bid. However, OIL will have to approve this cost. OIL will compare the cost quoted for replacement/recharging/refilling of the clean agent cylinders with the market cost and if it is found that the quoted unit rate of clean agent is high, OIL will have the right to ask for revision of this price after placement of order for supply and installation of main system but before start of AMC part. The price will be mutually discussed and agreed in writing before start of AMC job. Clean agent to be used for refilling shall be same as the original and must be procured from the OEM or OEM's authorized agency.

(xii) The clean agent cylinder refilling shall be done up to maximum fill capacity as specified in the technical details of the cylinder

(xiii) Loading of empty clean agent cylinders on trucks / vehicles and unloading of clean agent cylinders from trucks / vehicles to cylinder storage area will be covered under the AMC and the cost for the same will be included in the AMC cost.

(xiv) However, in case of accidental discharge of clean agent due to fault in execution of jobs under the AMC, the vendor (AMC contractor) will have to recharge / replace the clean agent cylinders free of cost.

(xv) Refilling / replacement of clean agent cylinders will be done by the AMC contractor (system vendor) within 72 hours of identification of the requirement for refilling. Storage of spare cylinders shall be considered when cylinder refilling cannot be done within 72 hours.

(xvi) The AMC contractor (System vendor / sub-contractor) shall maintain proper record of maintenance activities including record of spares and consumables and clean agent. The stock of consumables and spares for O&M, required to be stored at the site, shall be worked out by the System vendor in consultation with OIL before start of AMC.

(xvii) In the performance of any and all services and the works hereunder by the AMC contractor (System Vendor / Sub-System Vendors/Sub- Contractors), the System vendor shall accept full responsibility for compliance with all applicable laws and Government Orders, Rules and Regulations as amended/in force from time to time relating to Health, Safety and Environment. Providing of safety PPEs is also in the scope of the AMC contractor.

(xviii) Employees of the AMC Contractor (System vendor / sub-contractor) shall remain within the area where the work is being carried out by them. They will not loiter and shall not enter unauthorized areas.

(xix) The engagement and employment of manpower and payment of wages to them as per existing provisions of various labour laws, PF, ESI and regulations etc. are sole responsibility of the system vendor. The System vendor shall be solely responsible for any claims arising out of noncompliance. The system vendor needs to submit the required registers as and when asked by OIL.

(xx) The system vendor shall be solely responsible, answerable and liable for payment / grant of salaries, wages, allowances, bonus, retrenchment benefits and all amenities payable / allowable to persons engaged by him. He shall also be solely responsible for any Industrial Disputes arising, if any out of employment or non-employment of any of them. He shall be solely responsible for payment of any tax, license fees, or charges levied or that may be levied by a Competent Government Authority / Local Authority in connection with providing of any facility under the contract or other work whatsoever.

(xxi) The system vendor (AMC contractor) shall ensure that the manpower employed by him shall be clean, healthy and courteous. The AMC contractor shall not employ for the purpose of maintenance any person whose employment is objected by the OIL. In case of objection by OIL, System vendor (AMC contractor) will have to provide replacement, acceptable to OIL, immediately.

(xxii) System vendor shall notify OIL in writing of the name(s) and authority of its representative or representatives. Such representative or representatives shall be fully capable of and fully empowered to act for the System vendor in all matters relating to the System vendor's performance of the operations & maintenance tasks herein undertaken.

OIL will not be able to provide accommodation, transportation, medical facility etc. to the people engaged for doing annual maintenance under this contract. Accordingly while quoting Comprehensive Annual Maintenance Contract charges, bidder should take into account all charges including to and fro fares, boarding/lodging, local transportation at Duliajan, Assam and other expenses of their personnel during their stay at Duliajan.

Payment for providing AMC service will be released quarterly on submission of original invoices with details of job executed after successful completion of the AMC services for that period. Any penalty levied on the bidder due to lapse in carrying out AMC will be adjusted from the AMC charges.

AMC will begin immediately after expiry of warranty period of the system.

**NOTE:**

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.

**Annexure- DDD**

**INTEGRITY PACT**

Between

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

And

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

**Preamble :**

The Principal intends to award, under laid down organizational procedures, contract/s for Tender No. **SDI4603P18** The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

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

**Section 1 - Commitments of the Principal**

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
  1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
  2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
  3. The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

## **Section 2 - Commitments of the Bidder/Contractor**

- (1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.
  3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

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

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

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

amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
1. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

#### **Section 4 - Compensation for Damages**

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.
3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

#### **Section 5 - Previous transgression**

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

#### **Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors**

1. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

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

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

#### Section 8 - External Independent Monitor/Monitors (three in number depending on the size of the contract) (to be decided by the Chairperson of the Principal)

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

7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
8. The word 'Monitor' would include both singular and plural.

### **Section 9 - Pact Duration**

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

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

### **Section 10 - Other provisions**

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

R BARMAN  
**SR MANAGER MATERIALS (IP)**

-----  
For the Principal

-----  
For the Bidder/Contractor

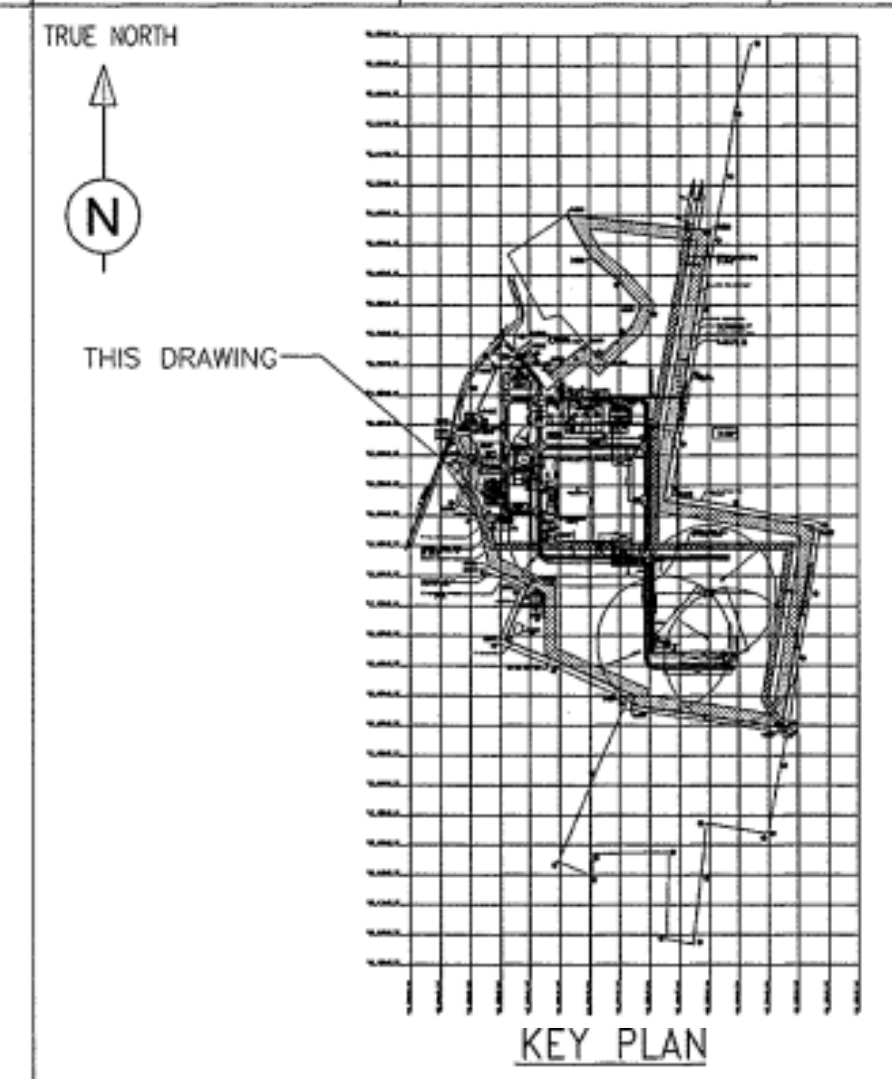
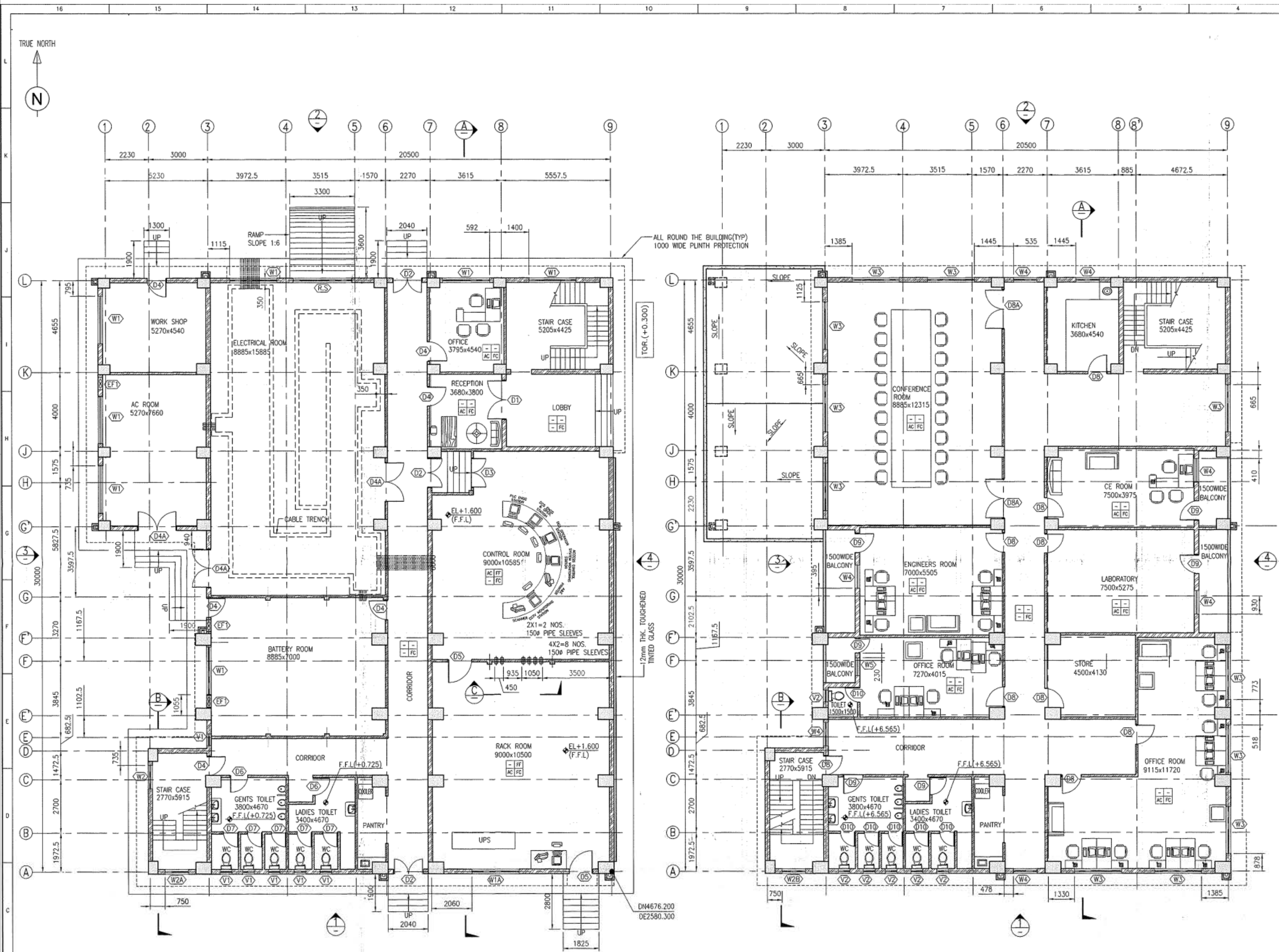
Place. Duliagan.

Witness 1 : .....

Date 04.005.2017 .

Witness 2 : .....|



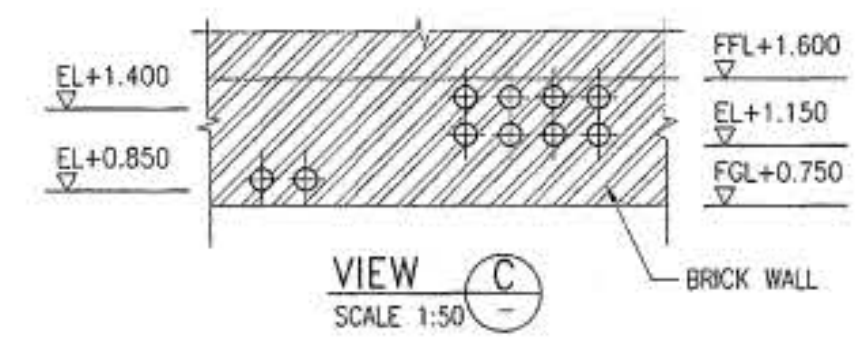


- NOTES:-
- 1. ALL DIMENSIONS ARE IN MM, LEVELS & COORDINATES ARE IN METERS.
  - 2. +0.150M LEVEL CORRESPONDS TO +100.000M LEVEL.
  - 3. ALL LEVELS INDICATED IN DRAWING ARE FROM REFERENCE LEVEL.
  - 4. ALL FINISH MATERIALS SHALL BE AS PER SPECIFICATIONS.

- LEGEND:-
- F.F.L - FINISHED FLOOR LEVEL
  - T.O.R - TOP OF ROAD
  - AC - AIR CONDITIONING
  - FC - FALSE CEILING
  - FF - FALSE FLOORING
  - BRICK WALL

GROUND FLOOR PLAN AT 0.750M (F.F.L)(U.N.O)

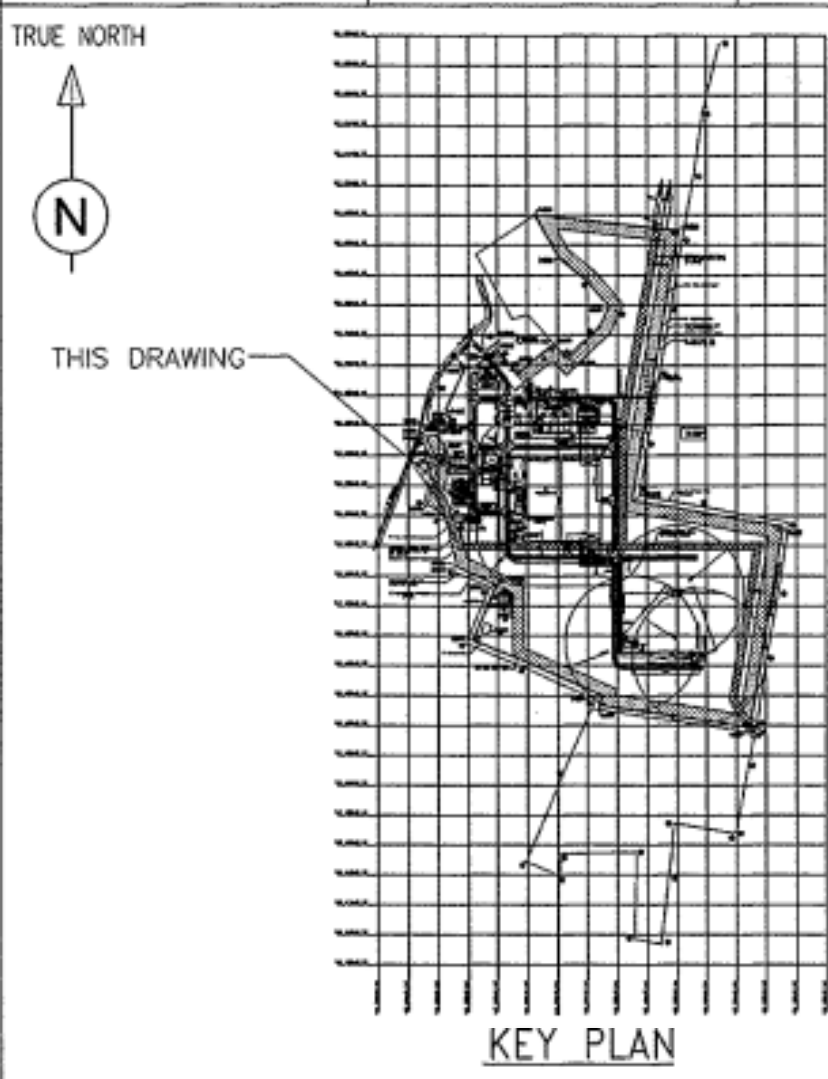
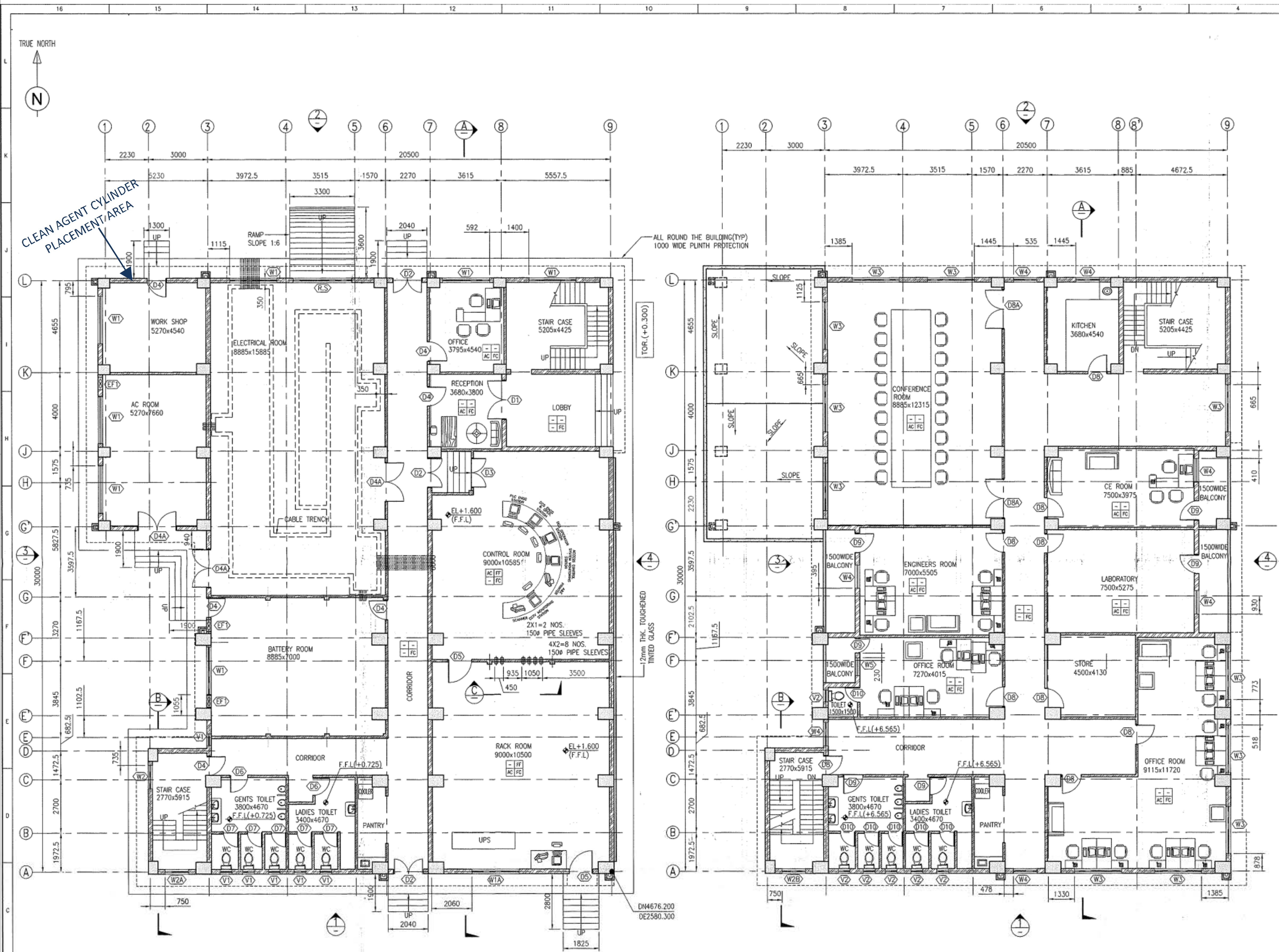
FIRST FLOOR PLAN AT 6.590M (F.F.L)(U.N.O)



**CGGS&OTP-MADHUBAN**  
CONTROL ROOM AND OPERATORS BUILDING  
ARCHITECTURAL GROUND & FIRST FLOOR PLANS

ALL THE ROOMS REQUIRING CLEAN AGENT FIRE SUPPRESSION SYSTEM  
ARE LOCATED ON THE GROUND FLOOR



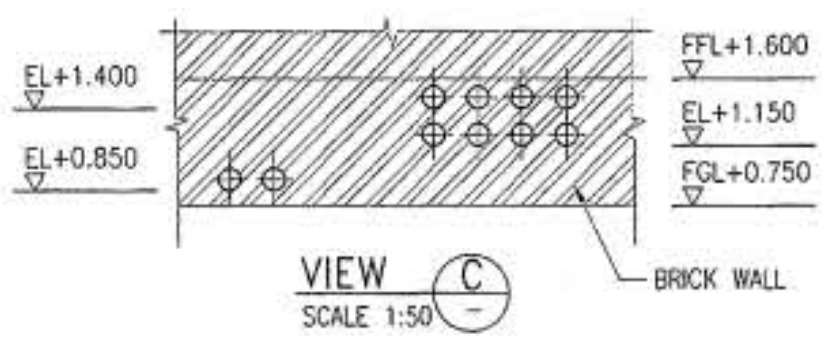


- NOTES:-
- 1. ALL DIMENSIONS ARE IN MM, LEVELS & COORDINATES ARE IN METERS.
  - 2. +0.150M LEVEL CORRESPONDS TO +100.000M LEVEL.
  - 3. ALL LEVELS INDICATED IN DRAWING ARE FROM REFERENCE LEVEL.
  - 4. ALL FINISH MATERIALS SHALL BE AS PER SPECIFICATIONS.

- LEGEND:-
- F.F.L - FINISHED FLOOR LEVEL
  - T.O.R - TOP OF ROAD
  - AC - AIR CONDITIONING
  - FC - FALSE CEILING
  - FF - FALSE FLOORING
  - BRICK WALL

GROUND FLOOR PLAN AT 0.750M (F.F.L)(U.N.O)

FIRST FLOOR PLAN AT 6.590M (F.F.L)(U.N.O)

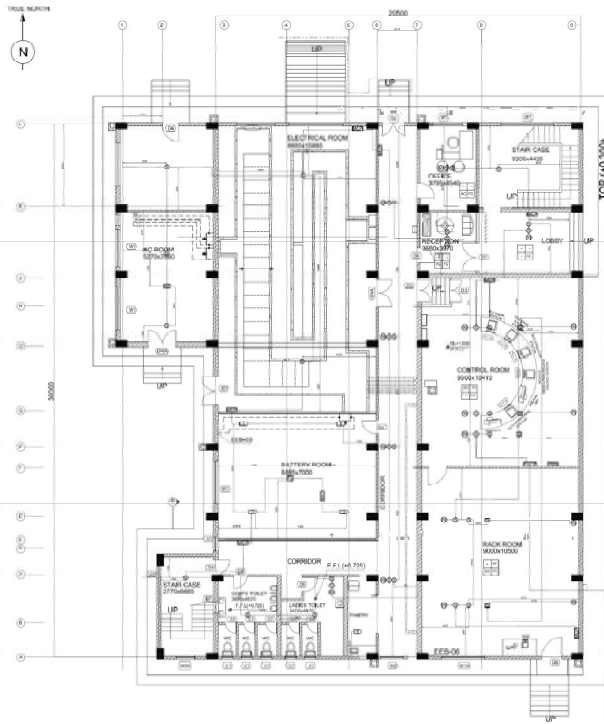


**CGGS&OTP-MADHUBAN**  
**CONTROL ROOM AND OPERATORS BUILDING**  
**ARCHITECTURAL GROUND & FIRST FLOOR PLANS**

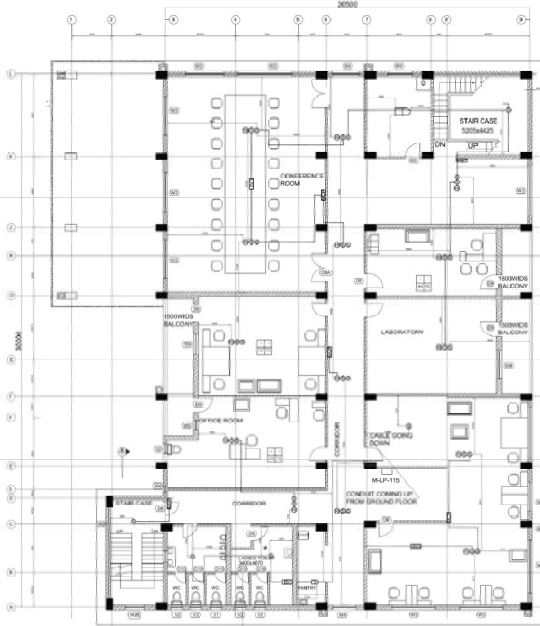
ALL THE ROOMS REQUIRING CLEAN AGENT FIRE SUPPRESSION SYSTEM ARE LOCATED ON THE GROUND FLOOR



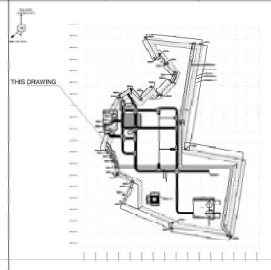
# Annexure-3



10 x 10 x 1.5 SQ.MM TWISTED PAIR  
PVC (SWAMPVC) RUN IN CABLE TRENCH



FIRST FLOOR PLAN



KEY PLAN

- NOTES:-
1. ALL DIMENSIONS AND LEVELS & COORDINATES ARE IN METERS.
  2. THE EXACT LOCATION OF RESPONSE INDICATOR SHALL BE DECIDED AT SITE.

LEGENDS:-

LEGENDS	CODE	DESCRIPTION
	HD	HYDROCARBON DETECTOR
	HD	HYDROGEN DETECTOR
	HD	HEAT DETECTOR
	SD	SMOKE DETECTOR
	SD	SMOKE DETECTOR MOUNTED ON FALSE CEILING
	MC	MANUAL CALL POINT
	RI	RESPONSE INDICATOR
	PS	PUSH BUTTON STATION FOR OPERATING HOOF
	FA	FIRE ALARM CONTROL PANEL
	FA	FIRE ALARM CHIME/CONDUIT
	FA	CHIME/CONDUIT GOING DOWN
	FA	CHIME/CONDUIT GOING UP

SL. NO.	DESCRIPTION	UNIT	QUANTITY
1.	HYDROGEN DETECTOR	NOS.	01
2.	HYDROCARBON DETECTOR	NOS.	01
3.	HEAT DETECTOR	NOS.	02
4.	SMOKE DETECTOR (CEILING MOUNT)	NOS.	40
5.	SMOKE DETECTOR MOUNTED ON FALSE CEILING	NOS.	20
6.	SMOKE DETECTOR MOUNTED ON FALSE FLOOR	NOS.	04
7.	RESPONSE INDICATOR	NOS.	30
8.	MANUAL CALL POINT	NOS.	12
9.	FIRE ALARM CONTROL PANEL	NOS.	01
10.	PUSH BUTTON STATION FOR OPERATING HOOF	NOS.	01
11.	ISOLATOR	NOS.	04
12.	25mm <sup>2</sup> PVC CONDUIT	MTR.	400
13.	25mm <sup>2</sup> FLEXIBLE PVC CONDUIT	MTR.	60
14.	25mm <sup>2</sup> PVC CONDUIT BEND	NOS.	40

**PROFORMA FOR STATEMENT OF DEVIATION / NON-COMPLIANCE**  
**(Only exceptions/deviations to be submitted)**

The Bidder shall furnish detailed statement of **exceptions/deviations**, if any, to the tender stipulations, terms and conditions in respect of each Section of Bid Document in the following format :

<b>Section No.</b>	<b>Clause No. (Page No.)</b>	<b>Non-Compliance / Deviation</b>	<b>Reason for Deviation</b>

**Authorised Person's Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Seal of the Bidder:**

**NOTE:** OIL INDIA LIMITED expects the bidders to fully accept the terms and conditions of the bid document. However, should the bidders still envisage some minor exceptions/deviations to the terms and conditions of the bid document, the same should be indicated as per above format and submitted along with their bids. If the “**Statement of Non-Compliance**” in the above Proforma is left blank (or not submitted along with the technical bid), then it would be construed that the bidder has not taken any exception/deviation to the tender requirements.

CHECKLIST:

Sl.No	Description	Remarks
1	Clean Agent system to be provided shall meet the requirements of NFPA-2001 (latest edition).	YES/NO
2	The system shall include electrically actuated automatic Clean Agent Fire Extinguishing System complete with filled up Clean Agent cylinders, cylinder rack, manifolds, pressure reducing devices, cylinder valves, directional valves, pipes, pipe fittings, discharge nozzles, bracket supports, hangers, Cable & Cable Tray and other fittings as necessary for complete installation of the system. This list is not complete but indicative only	YES/NO
3	The system will also include 100% Clean Agent filled standby cylinders for each room. Both Primary & Standby cylinders shall be permanently connected to the distribution piping through manifold & arranged for easy operation/ Auto change over	YES/NO
4	The system design to meet the minimum requirements of total flooding fire extinguishing Clean Agent system as per NFPA-2001(latest edition) and having design concentration as specified at 70 deg. F (21 deg.C) for the single largest risk area	YES/NO
5	Compliance with applicable reference codes and standards as per scope of work.	YES/NO
6	All the Cylinders shall conform to the requirement of NFPA, PESO etc.	YES/NO
7	Control panel shall be provided with all alarms, indicators, caution /sign board and controls meeting all the requirements of NFPA-2001 (latest edition) with Audio-Visual Alarm facility with alarm display/indication	YES/NO
8	Control System Engineering details & other instrumentation system details provided. Control panel shall meet the requirements of NFPA-2001	YES/NO
9	Control System Cabinet, Power supply unit and Hooter as per tender requirement.	YES/NO
10	The supplied Clean Agent Fire Suppression System will have to be integrated with existing Addressable Fire Alarm and Detection System	YES/NO
11	Installation & Commissioning of the system.	YES/NO
12	Offer includes commissioning spares free of cost at the time of installation and commissioning as well as during test run of the system.	YES/NO
13	Installation & commissioning cost is inclusive of supply of all other materials like cable trays, casings etc. required for the system.	YES/NO
14	The materials of construction used in the system shall be in accordance with NFPA-2001 (latest edition)	YES/NO
15	Approval of installation shall be subject to satisfying the requirements of NFPA-2001, latest edition	YES/NO
16	Approval from TAC (Tariff Advisory Committee, India) accredited agency shall be obtained by the Clean Agent Vendor for the entire Clean Agent System	YES/NO

17	The supplier shall furnish the following certificates along with other required certificates – i. Composition certificate of Clean Agent satisfying all the requirements of NFPA-2001, latest edition. ii. New Cylinders with filled Clean agent along with all the required certificates should be provided iii. Hydro test certificates and PESO approval of seamless cylinders to be submitted. iv. Manufacturer's Test Certificates for pipes and fittings duly approved by third party inspection agency like BVQI, TUV etc. including any other test certificates and reports as required by the purchaser.	YES/NO
18	Quality assurance as described in Scope of work	YES/NO
19	Testing as described in Scope of work	YES/NO
20	Documentation	YES/NO
21	Commissioning Spares	YES/NO
22	Recommended Operational and Maintenance Spares list	YES/NO
23	Whether quoted as per NIT (without any deviations)?	YES/NO
24	Whether quoted any deviation?	YES/NO
25	In case of any deviation whether the deviation is clearly indicated in Proforma for Deviation?	YES/NO

**Technical Bid Checklist****Annexure-EEE**

Tender No.			
Bidder's Name :			
BEC / TENDER REQUIREMENTS		Compliance by Bidder	
SL. NO.		Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(\*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

**Response Sheet****Annexure-FFF**

Tender No.
Bidders Name

**Bidders Response Sheet**

SI No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

**NOTE: Please fill up the greyed cells only.**

(\*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory



**ANNEXURE - GGG**

**(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETTER HEAD)  
(ALL FIELDS ARE MANDATORY)**

Tender No. :.....  
Name of Beneficiary :M/s.....  
Vendor Code :.....  
Address :.....  
.....  
Phone No. (Land Line) :.....  
Mobile No. :.....  
E-mail address :.....  
Bank Account No. (Minimum  
Eleven Digit No.) :.....  
Bank Name :.....  
Branch :.....  
Complete Address of your  
Bank :.....  
IFSC Code of your Bank  
a) RTGS :.....  
b) NEFT :.....  
PAN :.....  
VAT Registration No. :.....  
CST Registration No. :.....  
Service Tax Registration No. :.....  
Provident Fund Registration :.....

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

Office Seal

.....  
Signature of Vendor

Counter Signed by Banker:  
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

- 1) PAN Card
- 2) VAT Registration Certificate
- 3) Service Tax Registration
- 4) CST Registration
- 5) Provident Registration Certificate
- 6) Cancelled cheque of the bank account mentioned above (in original).
- 7) Bank Statement not older than 15 days on the date of submission.