



ऑयल इंडिया लिमिटेड

( भारत सरकार का उद्यम )

**Oil India Limited**

(A Government of India Enterprise)

**E-Tender No.SLG1094P20**

**TENDER DOCUMENT**

**FOR**

**Supply, Installation and Commissioning of 3D  
Virtualization and Collaboration Centre for E&D  
Directorate, Oil India Limited, NBCC Centre, 5<sup>th</sup>  
Floor,PlotNo.2,Okhla Phase-I, New Delhi.110020.**

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## **SECTION-I**

( FORWARDING LETTER )

To,

Sub : E-Tender No.SLG1094P20 for Supply, Installation and Commissioning of 3D Virtualization and Collaboration Centre at E&D Directorate, Oil India Limited, New Delhi.

Dear Sir,

- 1.0** OIL INDIA LIMITED (OIL), a “Navaratna” Category, Government of India Enterprises, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas.
- 2.0** OIL invites International Competitive Bids(ICB) from competent and experienced bidders through OIL’s e-procurement site for **“Supply, Installation and Commissioning of 3D Virtualization and Collaboration Centre”** for E&D Directorate, Oil India Limited, NBCC Centre, New Delhi. One complete set of Bid document for above is uploaded in OIL’s e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL’s e-procurement portal: <https://etender.srm.oilindia.in/irj/portal>. For your ready reference, few salient points of the tender are highlighted below:

<b>1</b>	E- Tender No.	<b>SLG 1094P20</b>
<b>2</b>	Job description	SUPPLY, INSTALLATION AND COMMISSIONING OF 3D VISUALIZATION & COLLABORATION CENTRE AT E&D DIRECTORATE OF OIL INDIA LIMITED , NEW DELHI.
<b>3</b>	Type of Bidding	OPEN E-TENDER UNDER SINGLE STAGE TWO BID SYSTEM.
<b>4</b>	Tender Fee	NOT APPLICABLE.
<b>5</b>	Pre-bid conference Date & Time	On 24.04.2019 at 11-00 hrs. at the office of the E&D Directorate, Oil India Limited, 5th Floor, NBCC Centre, Plot No.2, Okhla Phase-I, New Delhi-110020.
<b>6</b>	Last date for submission of Pre-bid Queries.	18.04.2019 upto 17-00 hrs. (IST)
<b>7</b>	Bid Closing date & time	30.05.2019 at 14-00 hrs. (IST)
<b>8</b>	Place of submission of original Bid Security & other documents, if any.	Tender box kept at the office of the E&D Directorate , OIL INDIA LTD, 5th Floor, NBCC Centre, 5 <sup>th</sup> Floor, Plot No.2, Okhla Phase-I, New Delhi-110020.
<b>9</b>	Bid Opening date & time	Techno-commercial bid : 30.05.2019 at 15-00 hrs.(IST). Price bid : Opening date & time shall be intimated to the technically

		qualified bidders at a later date.
<b>9</b>	Bid Validity	120 days from the bid closing date.
<b>10</b>	Bid Security Amount	INR.17,90,000.00 or USD 25,777.00
<b>11</b>	Bid Security Validity	31.12.2019.
<b>12</b>	Performance Security/ Guarantee	Applicable @10% of order value.
<b>13</b>	Integrity Pact	Applicable. To be submitted as per attached format.
<b>14</b>	Eligibility Criteria	As per BRC/BEC of Section-III of tender document.
<b>15</b>	Bid submission mode	Bid must be uploaded online in OIL's E-Procurement portal.
<b>16</b>	Contact details :	APARNA DOLEY, Dy. General Manager(C&P), E&D Directorate , OIL INDIA LTD, 5th Floor, NBCC Centre, 5 <sup>th</sup> Floor, Plot No.2, Okhla Phase-I, New Delhi-110020. Email :aparna_doley@oilindia.in
<b>17</b>	E-Tender Technical Support	TELEPHONE NO.: 0374-22804903, 2807171, 2807192 E-MAIL: ERP_MM@OILINDIA.IN

3.0 OIL now looks forward to your active participation in the Tender.

Thanking you,  
Your's faithfully  
OIL INDIA LIMITED

(Ms. A. Doley)  
**DY. GENERAL MANAGER (C&P)**  
**For CHIEF GENERAL MANAGER (E&D)**  
**For CHAIRMAN & MANAGING DIRECTOR.**

**(END OF SECTION-I)**

## **SECTION-II**

### **INSTRUCTIONS TO BIDDERS**

#### **AA : SPECIAL NOTES TO BIDDERS:**

1(a) **Pre-Bid Conference** : A Pre-Bid Conference is planned to be held at E&D Directorate, Oil India Limited, NBCC Centre, 5<sup>th</sup> Floor, Plot No.2, Okhla Phase-I, New Delhi-110020 on 24.04.2019 at 11-00 hrs., to explain the requirements of Company in details to the interested prospective bidders and to understand bidders' perspective including exchange of views/clarifications, if any, on Scope of Work and other terms and conditions of the tender. Bidders interested to attend the pre-bid conference must send email confirmation regarding their participation in the pre bid conference along with their queries latest by 18.04.2019 at the e-mail address: [aparna\\_doley@oilindia.in](mailto:aparna_doley@oilindia.in) (for commercial matters) & [abashishpal@oilindia.in](mailto:abashishpal@oilindia.in) & [mousumideka@oilindia.in](mailto:mousumideka@oilindia.in) (for technical matters).

1(b) Maximum two(2) representatives from each prospective bidder shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by their representatives shall be borne by the bidders.

1( c ) The prospective bidders may submit their queries, if envisaged, against the tender conditions through e-mails to the above mentioned e-mail address at least one week prior to pre-bid conference. OIL expects that the bidders should comply to the tender conditions in toto. However, clarifications/exceptions/deviations, if required any, should be brought out by the bidders prior to or during the pre-bid conference only. After processing/discussing these suggestions, as a sequel to the pre bid conference, Company shall communicate the changes in this regard, if agreed, through an addendum to the tender document in e-portal.

#### **BB : GENERAL NOTES TO BIDDERS:**

1.0

a) Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site <https://etender.srm.oilindia.in/irj/portal> .

b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.

c) MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.

d) For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for

the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.

**2.0 Submission of Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.**

3.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.

4.0 Bid must be submitted online through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.

5.0 Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except the following documents, which are to be submitted manually in sealed envelope (super scribing tender no. and bid closing date) to DGM(C&P) , E&D Directorate, NBCC Centre, 5<sup>th</sup> floor, Plot No.2, okhla Phase-I, New Delhi-110020, on or before 14:00 hrs (IST) on the Bid Closing Date mentioned in the Tender:

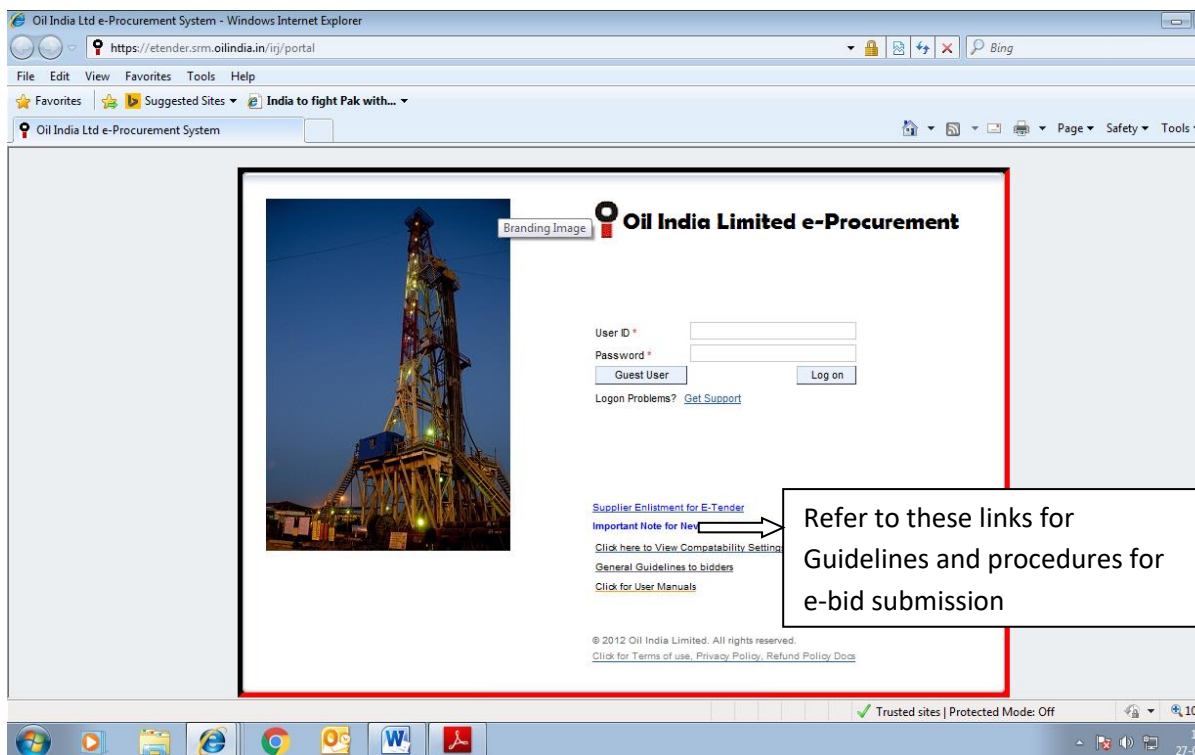
a) Original Bid Security along with two duplicate copies of Bid Security.

b) Any other documents which have been particularly asked for in this tender for submission.

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 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

Bidders are requested to go through OIL’s e – Portal / Website before uploading their bids for updated information regarding participation requirements, guidelines and procedure for OIL’s e – tenders. A screen shot of the OIL’s e-portal is given below for ready reference:



Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “New Vendor Manual (effective from 12.04.2017)” available in the above login Page of the OIL’s E-tender Portal.

8.0 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that “TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical Rfx Response-> User -> Technical Bid. **No price should be given in above Technical Rfx otherwise the offer will be rejected.** Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical Rfx Response-> User -> Technical Bid only. The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.

9.0 PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.

10.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

11.0 Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.

12.0 To ascertain the substantial responsiveness of the bid, OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the

deadline given by OIL, failing which the offer will be summarily rejected.

13.0 Other terms and conditions of the tender shall be as per “General Terms & Conditions” for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

14.0 All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be liable for rejection.

15.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

16.0 Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.

17.0 The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from date of shipment or 12 months from date of commissioning and handing over to OIL, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.

18.0 Quantity of Individual item may be increased or decrease at the time of final placement of order. The minimum FOB/FCA charges in case of partial order for reduced quantity/enhanced quantity shall have to be indicated by the bidder. In case, this is not indicated specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder.

19.0 Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.

20.0 The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed in this tender document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact 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.



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)

SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC  
E-Mail id : [jagmohan.garg@gmail.com](mailto:jagmohan.garg@gmail.com)

**21.0 Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.**

22.0 Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms & Conditions for Global Tenders (MM/GLOBAL/01/2005" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. Bidders to note the same and to confirm its acceptance in their offers.

**23.0 Bidder to sign and submit completely filled up Commercial Check List enclosed as APPENDIX-A3 with the tender, failing which their offer will be rejected.**

**24.0 Payment Terms:**

24.1 70% of the material value will be released on receipt of ordered materials at E&D Directorate, OKHLA , New Delhi & satisfactory physical inspection of the materials by OIL & proof of dispatch of material along with other relevant documents as indicated in the tender document.

24.2 25% of the material value along plus Installation & commissioning charges will be released after successful installation & commissioning of the entire solution and issue of a certificate of acceptance of the System as per scope of work / specifications.

24.3 Balance 5% of the material value will be released on completion of 1(one) year warranty, after successfully fulfilling warranty conditions as per Warranty Terms (clause-10 of Section -IV), for first year.

**24.4 Payment of AMC Charges:** AMC charges quoted will be paid quarterly after successful completion of each quarter i.e. payment @ 25% of AMC charges will be released at the end of each quarter of each year with Penalty deductions, as per the terms and conditions of AMC.

Bidders must confirm the same while quoting.

**25.0 Liquidated Damage :** Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). The applicable GST on the Liquidated Damage shall have to be borne by the seller. Accordingly, the Liquidated Damage shall be recovered from the seller along with applicable GST.

26.0 The items covered in this Tender is not eligible for concessional customs duty

and concessional GST .

Overseas Bidders are not required to include Customs Duty and IGST components in their quoted cost, since all applicable taxes & Duties in India shall be to the account of Oil India Limited.

27.0 Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Policy details are available in **APPENDIX-A2**.

28.1 In case of placement of order, OIL reserves the right to convert the order from FOB Port of export to C&F Kolkata term considering the ocean freight quoted by the party in their offer. In case the order is converted to C&F Kolkata Port, the performance security amount shall also be enhanced considering the quoted ocean freight charges.

28.2 Bidder should confirm in their quotation that in case of C&F order, their nominated freight forwarder should provide Delivery Order under Single Window facility having office of local agent in India at Kolkata and offer 14 days free detention time of containers at discharging port.

29.0 Along with the technical bid, bidders must submit duly filled undertaking as per format provided vide **APPENDIX-A1** as undertaking towards submission of authentic information/documents.

30.0 Clauses related to GST :

1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings:

(a) GST - means any tax imposed on the supply of goods and/or services under GST Law.

(b) Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.

(c) GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.

2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.

3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of

order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.

4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.

5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.

6. When Input tax credit is available for Set Off Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders.

7. When Input tax credit is NOT available for Set Off Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders. 7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.

8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.

31 For convenience of the Bidders and to improve transparency, the rates/cost quoted by bidders against OIL's e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price-Bid is invited by Company through attachment from under "Notes & Attachment" (i.e. NO PRICE CONDITION), Bidders must upload their detailed Price-Bid as per the prescribed format under "NOTES & ATTACHMENT", in addition to filling up

the “TOTAL BID VALUE” tab taking into account the cost of all individual line items and other applicable charges like freight, tax, duties, levies etc. Under NO PRICE condition (i.e. Price Bid in attachment form), the “Total Bid Value” as calculated & quoted by the Bidder shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/omissions therein, if any. Notwithstanding to sharing the “Total Bid Value” or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the uploaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only upto seven days from the date of Price-Bid opening of the e-tender.

**(END OF SECTION-II)**

### **(SECTION-III)**

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

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

##### **(1.0) BID REJECTION CRITERIA (BRC) (Technical):**

1.1 The bidder must be either

OEM(Original Equipment Manufacturer) of the offered 3D Stereoscopic Display Screen and Display Management System

OR

System integrator/authorized distributors with back-up authority letter from the OEM of the offered 3D Stereoscopic Display Screen and Display Management System who authorized them to market and service their product, provided further that such an authority letter is valid at the time of bid opening. Offers without backup authority from OEM of the offered 3D Stereoscopic Display Screen and Display Management System will not be considered. Required warranty cover of the OEM for the 3D Stereoscopic Display Screen and Display Management System will be provided by such supplier.

1.2 Bidder has to quote for all the items as per the technical specifications/ price format of the bid document. Bid should be complete in all aspects covering the entire scope of work, supply and should conform to the technical specifications indicated in the tender document. Incomplete and non-conforming bids will be rejected outright.

1.3 The Bidder should have executed/commissioned at least two (02) SIMILAR PROJECTS in preceding 5 (five) years reckoned from the original stipulated bid closing date in high-tech industries like Oil & Gas/ Automotive/ Defense/ Shipbuilding/ Disaster Management/ Aerospace/DRDO.

1.4 The bidder must have the experience of executing/commissioning at least one SIMILAR ORDER of minimum value INR 3,49,86,000.00 (Three Crore Forty Nine Lakhs Eighty Six Thousands) only in previous 5 (Five) years reckoned from the original bid closing date.

##### **Notes to BRC Clause Nos. 1.3 & 1.4 above:**

- a. "SIMILAR PROJECTS" or "SIMILAR KIND OF SYSTEM" or SIMILAR ORDER mentioned above means "Implementing 3D Visualization Centre in High-Tech Industries such as Oil & Gas/ Automotive/ Defence / Shipbuilding/ Disaster Management/ Aerospace/DRDO"( Bidder must exclusively declare that the

organization for which the “ similar order” has been executed is not its own organization or subsidiary).

- b. Documentary evidence in support of satisfying Clause Nos. 1.3 & 1.4 must be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of those Purchase Orders, such as –

- (i) Satisfactory supply, completion/Installation report, OR
- (ii) Any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.

1.5 In case the bidder is an OEM of the offered 3D Stereoscopic Display Screen and Display Management System, then the bidder must furnish the following :

- (i) An undertaking along with their bid for providing the product/service support along with uninterrupted and timely supply of spare parts for at least 7(Seven) years (to be considered from the next date of Installation and Commissioning) for the quoted item(s) for which the bidder is an OEM. The bidder must give details of their after sales service support/repair services that will be provided by them.
- (ii) For the items for which the bidder is not an OEM,
  - (a) The bidder has to provide the details of maintenance/service/calibration facilities of the OEM of the products in India.
  - (b) The bidder must provide undertaking from the OEM (in OEM letterhead) stating that the OEM shall guarantee minimum 7(seven) years (to be considered from the next date of Installation and Commissioning) for supply & support of spares covering the item(s) as mentioned in the tender.

1.6 In case the bidder is not an OEM of the offered 3D Stereoscopic Display Screen and Display Management System, then the bidder must furnish(in OEM Letterhead) the following undertakings from the concerned OEM(s) for the item(s) for which the bidder is not an OEM, along with the bid:

- (i) The OEM shall provide the details of maintenance/service/calibration facilities in India, for the item(s) specified in the tender.
- (ii) The bidder must provide undertaking from the OEM stating that the OEM shall guarantee minimum 7(seven) years (to be considered from the next date of Installation and Commissioning) for supply & support of spares covering the item(s) of the tender.
- (iii) The bidder must indicate the source of their bought out items for 3D Stereoscopic Display System, Display Management System and Image Generator and clearly indicate the names of the OEM for such bought out items.

## **(2.0) BID REJECTION CRITERIA (BRC) (Financial):**

2.1 The bidder shall have an annual financial turnover of minimum INR. 3,49,86,000.00 during any of the preceding 3 (Three) financial/accounting years reckoned from the original bid closing date of the tender.

2.2 "Net Worth" of the bidder must be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender **(i.e., Year 2018-19)**.

2.3 Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial/accounting years excluding the preceding financial/accounting year will be considered. In such cases, the Net worth of the previous financial/accounting year excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an affidavit/ undertaking certifying that 'the balance sheet/Financial Statements for the financial year 2018-19 has actually not been audited so far'.

### **Note:**

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

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

OR

ii) Audited Balance Sheet along with Profit & Loss account. In case of foreign bidders, self-attested/digitally signed printed published accounts are also acceptable.

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/ State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

2.4 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

## **(3.0) BID REJECTION CRITERIA (BRC)(Commercial) :-**

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global e- Tender (MM/GLOBAL/E-01/2005/DELHI) with following Special Bid Rejection Criteria:

3.1 Bids are invited online under **Single Stage Two Bid System**. Bidders must prepare the Techno-Commercial Bid (Unpriced) as well as the Priced Bid separately and upload both these bids in OIL's e-procurement portal at the designated fields separately assigned. **Please note that no price details should be furnished in the Technical (i.e. Unpriced)**

**bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices/costs. The rate and amount columns in the unpriced technical bid must be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bidder not complying with above submission procedure will be rejected.

3.2 The prices/rates offered against the tender must remain firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price condition shall be treated as non-responsive and rejected. No discount whatsoever should be quoted separately. Rates/prices quoted must be net of all discount.

3.3 Bids received in physical form against online invitation shall be rejected (except the documents specifically called for in hard copies, if any). Also, modifications to bids received after the bid closing date & time shall not be entertained.

3.4 Bids containing incorrect/false/misleading statement(s) shall be rejected.

3.5 Validity of the bid shall be **minimum 120 days** from the date of actual Bid Closing Date. Bids with lesser validity shall be straightway rejected.

3.6 Bid Security (EMD) as applicable must either be deposited through online payment gateway or submitted to OIL in the form of original Bank Guarantee (hard copy) on or before the scheduled Bid Closing date of the Tender. The Validity and Amount of Bid Security (EMD) must be strictly as specified in the covering letter of this bid document. Bid shall be rejected without further reference, if the Bid Security (EMD) is not received strictly as above, except where exempted. OIL will not assume any responsibility whatsoever for submission of deficient/faulty Bid Security or for delay/non-delivery of the same.

3.6.1 For exemption for submission of Bid Security please refer Clause No. 9.8 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).

3.7 Bidders must confirm that goods/materials to be supplied against the order arising out of this tender shall be of recent make, unused, of the best quality & workmanship and free from defects. The Bidder must undertake to stand guaranteed the supplies for a period of 18 months from the date of shipment/dispatch or twelve (12) months from the date of receipt of items at destination, whichever is earlier against any defects arising from faulty materials, workmanship or design. Defective goods/materials rejected by OIL, whether the entire lot or part thereof, shall be replaced immediately by the supplier at the supplier’s expenses at no extra cost to OIL.

3.8 Successful bidder shall be required to furnish a Performance Security equivalent to ten percent (10%) of total evaluated value of Order within 30 days of receipt of LOI/notification of award. The Performance Bank Guaranty must remain valid throughout the period of execution, including extension if any. Non-submission of Performance Security as above by the successful Bidder shall lead to cancellation/termination of award including forfeiture of their Bid Security, besides other penal actions as per OIL’s Banning Policy. Bidders should undertake in their bids to submit Performance Security as stated above.

3.9 Online Bid must be uploaded together with the Integrity Pact and the same must be duly signed digitally. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

3.10 Bidder must quote for all items and services being sought for in the tender, failing which the bid shall be treated as incomplete and rejected.

3.11 Bidders are required to submit their price bids strictly as per the formats provided hereunder:



**(i) Price Bid Format (SUMMARY) for Foreign Bidders:**

- (A) Total Material Value (to indicate HSN code):**
- (B) Packing & FOB charges:**
- (C) Total FOB port of shipment value( A+B):**
- (D) Overseas Freight Charges upto Kolkata, India:**
- (E) Insurance charges:**
- (F) Banking & Insurance, @1% of C :**
- (F) CIF Value, C+D+E+F :**
- (H) Landing charges@1% on G**
- (I) CIF landed value (G+H) :**
- (J) Basic Customs Duty(including cess,if any) :**
- (K) CIF Landed value +CD,(I+J):**
- (L) IGST (including cess,if any ) on K:**
- (M) Compensatory Cess,( if any) on L :**
- (N) Total CIF+CD+GST Landed value (K+L+M):**
- (O) Installation & Commissioning (including demonstration/training) Charges including GST as applicable (to indicate SAC code):**
- (P) AMC Charges for 06 years (including GST as applicable) :**
- (Q) Total Value, N+O+P :**
- (R) Total Value in words:**
- (S) Gross Weight:**
- (T) Gross Volume :**

**(ii) Price Bid Format (SUMMARY) for Indigenous Bidders:**

- (A) Total Material Value (to indicate HSN code):**
- (B) Packing & Forwarding charges, if any:**
- (C) Total Ex-Works Value, A+B above:**
- (D) GST(as applicable) on C :**
- ( E) Compensatory Cess,if any:**
- (F) Total FOR Despatching Station Value: C+D+E above:**
- (G) Road transportation Charges upto New Delhi :**
- (H) GST on G;**
- (I) Transit Insurance Charges, if any including GST:**
- (J)Total FOR New Delhi value(F+G+H+I) above:**
- (K) Installation & Commissioning (including demonstration/training) Charges including GST as applicable (to indicate SAC code):**
- (L) Comprehensive AMC Charges for 06 years ( including GST as applicable) :**
- (M) Total Value, F+G+H+I+J+K above:**
- (L) Total Value in words :**
- (M) Gross Weight:**
- (N) Gross Volume:**
- (O) Import Content, if any:**

3.12 Bidders shall accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:

- i) Liquidated Damages
- ii) Warranty/Guarantee of material
- iii) Arbitration / Resolution of Dispute
- iv) Force Majeure

v) Applicable Laws

3.13 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.

3.14 **Bidder to sign and submit completely filled up Commercial Check List enclosed as APPENDIX-A3 with the tender, failing which their offer will be rejected.**

**(4.0) BID EVALUATION CRITERIA:**

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

4.1 The evaluation of bids shall be done as per the Price Bid Format (SUMMARY) provided in the Tender and detailed below

4.2 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

4.3 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

4.4 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.

**Note:** 1) Domestic Bidders must quote inland freight charges upto New Delhi. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

**4.4.1 When only foreign bidders are involved:**

The Total Value of Foreign bidder i.e CIF+CD+GST Landed value as worked out as per para **3.11 (i) N of BRC(Commercial)** shall be compared.

NOTE: \*Banking charge in the country of the foreign bidder shall be borne by the bidder. Banking charge 1% for payment through Letter of Credit. And 1.5 % if confirmed LC at buyer's account is required.

**4.4.2 When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response:**

The Total Value of Domestic bidder as worked out as per para **3.11. (ii) J of BRC (Commercial)** shall be compared.

**4.4.3 When both foreign and domestic bidders are involved:**

The Total Value of domestic bidder as worked out as per para **3.11 (ii) F** above and Total Value of the foreign bidder worked out as per Para **3. 11 (i) N** above will be compared.

Note: If the Government of India revises these evaluation criteria the same as applicable on the bid closing date will be adopted for evaluation of the offers.

**5.0** Other terms and conditions of the tender shall be as per General Terms and Conditions for Global Tender. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) mentioned here contradict the Clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

**(END OF SECTION-III)**

#### **SECTION-IV**

### **GENERAL TERMS AND CONDITIONS OF TENDER**

**PLEASE REFER GENERAL TERMS AND CONDITIONS (MM/GLOBAL/E-01/2005) FOR E-PROCUREMENT ICB TENDER ATTACHED SEPARATELY IN THE C-FOLDER.**

**(END OF SECTION-IV)**

## **SECTION-V**

### **SCOPE OF WORK/TECHNICAL SPECIFICATION FOR 3D VISUALIZATION & COLLABORATION CENTRE**

#### **1. Preamble :**

Oil India Limited(OIL) has been in Exploration and Production business for a long time and has been playing a pivotal role in achieving Energy Security for India. E&D Directorate office of OIL at Okhla, New Delhi is a centre for many critical decisions and driving strategies. In order to achieve such decisions, interpretation of Data through collaboration plays a major role. Besides that, a better granularity in viewing data shall ensure better understanding of the subsurface and thus drive better decisions. In order to achieve such level of collaboration by on boarding all key decision makers on the same level shall only be possible through 3D Stereo Visualization & virtual reality. This will ensure better viewing of Data over 3D in a Collaboration setup and thus driving better decision. As the challenges are on the rise in E&P Industry, investments need to be based on accurate business decisions promising maximum success ratio. Such decisions are majorly driven by company's core G&G Expertise. In order to facilitate the core team with better viewing of earth's subsurface and enabling them to take collaborative decisions, Oil India Limited wants to set up an immersive 3D Visualization based Collaboration Centre at its E&D Directorate Office in Okhla Phase-I, New Delhi.

#### **2. Complete Site Address :**

E&D Directorate, Oil India Limited,  
5th Floor, NBCC Centre, Plot no.2  
Okhla Phase-I, New Delhi - 110020

#### **3. Project Title :**

**3D Visualization & Collaboration Centre at E&D Directorate, Oil India Limited, New Delhi.**

#### **4. Scope of Work :**

The scope of the work comprises of establishment of a 3D Visualization & Collaboration Centre in E&D Directorate, Oil India Limited, New Delhi on a turn-key basis. A specified location with interior comprising of lights, ACs etc. is earmarked for the above centre at E&D Directorate office to carry out the job. Successful bidder has to supply hardware for 3D Visualization & Collaboration Centre (3D Visualization System, Display Management System, Image Generator and associated accessories)

and carry out installation/ commissioning along with following necessary jobs ( but not limited to) as turn-key project:

- *Demolition Works*
- *Civil Work*
- *Electrical Work*
- *LAN Cabling*
- *Air Conditioning work for Equipment Area*
- *Fire Detection and Suppression System for Equipment Area*
- *Access Control System*
- *Supply of furnitures*

Any other jobs / supply of material etc. required to carry out as part of the turn-key project is the responsibility of the bidder. Prospective bidders can visit the site (after taking prior appointment) for familiarizing with entire scope of work before pre-bid.

#### 4.1. Supply of Hardware and Other Items:

3D Visualization System, Display Control System, Image Generator, and associated accessories to be supplied as per the specifications. After delivery of the systems and other items at the site the successful bidder shall unpack the crates by their own personnel and install the same at the designated site. Any man, material or lifting equipment that may be required to facilitate ingress of the crated equipment to the site at E&D Directorate, OIL is also the responsibility of the successful bidder.

#### 4.2. Installation and Commissioning:

All the equipment needs to be housed and installed in E&D Directorate, OIL. Bidder shall arrange all the required equipment, tools etc. to test, install, integrate and commission the supplied equipment. The entire system must be integrated as per scope of work defined along with the specifications of the hardware.

Installation and Commissioning shall cover installation of all the supplied items, site interior jobs including necessary demolition, and also the acceptance testing which shall be conducted once all the other works are completed. Date on which acceptance test is complete and all the items are commissioned, will be considered as the Installation and Commissioning Date for the entire solution.

#### 4.3. Site Interior Works/Job:

<b>4.3.1.</b>	Successful bidder shall have to do the demolition work as per site requirement. Details of demolition work has been given in Annexure-I enclosed .
<b>4.3.2.</b>	The equipment area ( as shown in the draft room layout diagram) have to be finished as per specification. The system shall provide for suitable pedestal and under structure design to withstand various static loads and rolling loads subjected to it in an server/ data room.
<b>4.3.3.</b>	The floor in front of the screen must be furnished with carpet as per given specification . The carpet needs to be laid as per pattern approved by OIL along with all the adhesive, cleaning and final finish.
<b>4.3.4</b>	The successful bidder has to do the detailed interior works for

	the room including supply of furniture based on rough design and details provided in Annexure-I enclosed with the tender document.
<b>4.3.5</b>	All the critical equipment including the Display System, Image Generator, all the Workstations, Video Conference System, Presentation System, Network Switch and Pop-up Box Power Source shall have UPS Backed Power Sources.
4.3.6.	OIL shall provide 1 Electrical point with 230V, 50 Hz Raw power in the room from which all the power for the supplied solution has to be drawn through UPS. All the electrical cabling that is required for the room shall have to be carried out by the successful bidder.
4.3.7.	Any Distribution box, socket etc required to complete the electrical work shall have to be supplied and installed by the successful bidder.
4.3.8.	The Bidder shall ensure that there is at least 2 RJ-45 LAN Ports in each of the Workstation Desk. Also there should be at least one Voice Port on each of the Workstation Table.
4.3.9.	The Image Generator, Display Control Unit and the Video Conference System and any other system that have provision for Network Connectivity must be connected to OIL's Corporate LAN through Wired Network.
4.3.10.	All the LAN and Electrical and other Cabling that is required for the room shall have to be done by the Successful Bidder. OIL shall provide 1 raw Power Source from which the successful bidder shall draw Power for the UPS. Similarly there are active Network Points in the Room from where Uplink for the Network Switch may be taken. <i>All the supplied Network Cables must be CAT-6 or higher.</i>
4.3.11.	The Meeting Table shall have 1 Pop-up Box with 2 Nos of 230v/50 Hz Power Source, 2 RJ-45 LAN output(Connected at the Backend to OIL's Corporate LAN) &1 HDMI input port (connected to 3D Visualization System).
4.3.12	Successful bidder shall first submit a work plan to OIL for entire turn-key project (component-wise).
4.3.13	Side window glass screen of the room should be covered with motorized blind.
4.3.14	Detailed specification of civil supplies and work (including Demolition Work) is as per Annexure – I (but not limited to).
4.3.15	Detailed specifications of Electrical supplies and work is as per Annexure – II (but not limited to).
4.3.16	Necessary AC arrangement should be in place to cater for the required temperature in the working area as per Annexure - III (but not limited to).
4.3.17	Details of Technical Specifications of Fire detection and Gas Based Fire Suppression system is as per Annexure – IV. The same should be installed in the Equipment Area (as per the draft layout diagram).
4.3.18	Details of technical specifications of Security Access Control system is as per Annexure -V.

#### 4.4 Acceptance Testing:

4.4.1.	The acceptance testing will be carried out over a period of 2 weeks. The following activities would comprise the testing:
4.4.1.1.	Successful Bidder shall provide onsite system familiarization to OIL's Officers before the acceptance of the entire system. System familiarization must cover technical details of 3D-Visualization System, Display Management/Control System, Image Generator, any other equipment as desired by OIL.
4.4.1.2.	Successful Bidder shall demonstrate the full functionality of 3D-Visualisation System to the Users of the system. Actual Visualization Application and Project Data (provided by OIL) shall be used for this demo.
4.4.1.3.	The entire system would be put on full load and operated continuously during office hours for minimum 1 week in 3D stereo mode.
4.4.1.4.	OIL has following software installed in the workstation which needs to be integrated with the projection system : Geoframe, Geoscientific Software Kingdom Suite, QUESTOR, Decision Space, Petrel Software, Hampson-Russel Software. All these software needs to be run and projected in the installed system as a part of the acceptance testing.
4.4.1.5.	As-Built Drawing for the Entire Solution must be submitted to OIL during Acceptance Testing.

**Note :** On successful completion of the Installation and Commissioning as defined above the commissioning and acceptance certificate shall be issued by Oil India Limited.

## 5. Documentation :

Once the Installation and Commissioning is complete, the bidder has to provide a FDS (Functional Design Specifications) documents with details of Technical Specifications, Interconnectivity Diagrams, Physical Layouts, Configuration Details along with maintenance procedures for the equipment supplied under this tender.

## 6. Detailed Technical Specifications of Items:

### 6.1. Display System:

#### 6.1.1 3D stereoscopic display screen

6.1.1.1.	Make and Model of the 3D stereoscopic display screen must be specified.
6.1.1.2.	Type of 3D Stereoscopic Display System: Rear projection DLP Active 3D Stereoscopic system with LED/Laser light-source source with redundancy for LED/Lasers
6.1.1.3.	Screen Dimension Considerations:
6.1.1.3.1	Screen Shape should be rectangular.
6.1.1.3.2	Minimum 4800mm Diagonally.
6.1.1.3.3	Effective Aspect Ratio of the entire video wall screen should be 2.6:1 or higher



6.1.1.3.4.	Total Floor to Ceiling Height available is approx. 2584 mm. The Screen needs to be fit within that height.
6.1.1.3.5	Floor To Screen Height will not be more than 650 mm.
6.1.1.3.6	Screen to Ceiling Distance will not be more than 210 mm
6.1.1.3.7	Screen Height should be minimum 1700 mm.
6.1.1.4	The system must be a rear projection system. A maximum space of 1.5m can be provided for display system (including maintenance area), as measured from the front of the image surface (screen surface) to the wall behind. The display system (including maintenance area) should be deployed within this allocated space of 1.5m. The solution can be custom built or can be achieved through matrix combination of OEM catalogued 3D rear projection Video Wall. The display technology should not use Colour Wheel technology and/or a technology generating 3 primary colours from a single light source or from a light source of a single colour only (i.e. only white or only blue colour LED/laser diodes).
6.1.1.5	Matrix based 3D cubes system should not use more than 6 numbers of 3D cubes, so that number of seams are minimum.
6.1.1.6	Acceptable Light Source: LASERS or LED. Lifetime of the illumination source (LED/Lasers) should be at least 80,000 Hrs in normal power mode consuming less than 220W per projection module/projector
6.1.1.7	The display screen system shall provide a brightness of 500 nits while consuming less than 1.4kW of power for the full display screen
6.1.1.8	3D Technology should be Active 3D stereo.
6.1.1.9	Total Native Resolution of full Display Screen System has to be minimum 12 Megapixel or higher in both 2D & 3D mode.
6.1.1.10	Half Gain Viewing Angle: Should not be less than 30 Degree for Horizontal and vertical.
6.1.1.11	The solution should have inbuilt automatic colour & brightness matching system.
6.1.1.12	The solution should be able to up-convert low refresh frame-sequential Active D inputs running at 60Hz (in stereo) to optimum stereo refresh rates of 120Hz.
6.1.1.13	OEM issued certification must be produced in the connection that the Display shall be supported by OEM for at least 7 years after the end of warranty period.
6.1.1.14	<b>Mandatory certification:</b> The LED/ Laser 3D Video Wall or projector used in the rear-projection DLP video-wall/display should have a valid BIS registration number. This is mandatory requirement. Bidder shall provide the valid BIS registration number of the product in the technical bid and also attach a copy of the registration certificate issued by BIS with the technical bid.

### 6.1.2.Display Controlling Unit (To be provided either as a separate unit or in-built in the display)

<b>6.1.2.1</b>	The make of the Display Controlling System will have to be of same OEM as 3D rear-projection DLP video-wall/screen in order to ensure full compatibility.
<b>6.1.2.2</b>	Make and Model: Must be mentioned by the Bidder.
<b>6.1.2.3</b>	It should have adequate (min 18 nos.) DP/HDMI inputs to take 2D and 3D inputs from following sources and Project the same on the Display Screen:
6.1.2.3.1	3D Image Generator providing a minimum total resolution of 5760 x 2160 in 3D Active stereo over multiple DP outputs together with stereo-sync over 3-pin mini-DIN connector
6.1.2.3.2	Existing 4 Nos. of Workstations (each having 2 QHD Display) of OIL. Outputs from each of these workstations will be over two DVI/DP ports in 3D Active stereo together with stereo-sync over 3-pin mini-DIN connector
6.1.2.3.3	2 x HDMI output of Video Conference System
6.1.2.3.4	1xHDMI output of Wireless Presentation System.
<b>6.1.2.4</b>	It shall give out put to the Display Screen in 2D and 3D Format as per desired layout.
<b>6.1.2.5</b>	Picture-in-Picture (PIP): The system should be able to produce PIP Layouts from the sources listed in section 1.2.3.
6.1.2.5.1	It should be able to display any combination of these sources (either in 2D or 3D or both)
6.1.2.5.2	It should also be possible to display all of the above mentioned 3D sources together on screen.
<b>6.1.2.6.</b>	The display Management System should allow the users to create and save multiple Picture-in-Picture layouts/scenarios.
<b>6.1.2.7.</b>	Scaling of Resolution: The system should be able to upscale and downscale the resolution it has been getting from the sources.
<b>6.1.2.8.</b>	The system must be able to display 2D and 3D at a time in Different PIPs within the screen.
<b>6.1.2.9.</b>	Control & Management feature: The System should have management feature for Controlling Content of the Screen, Display Layout, PIP, Background, all the inputs and outputs, etc. Management feature can be over touch panel, Remote Control or Easy-to-use Client Software.
<b>6.1.2.10</b>	It should have at least 10 nos. of high-bandwidth DP/HDMI outputs to drive:
6.1.2.10.1.	The main 3D screen in full native resolution of 12 megapixels or more.
6.1.2.10.2.	Provide a 2D copy of the main screen or any source to Remote Viewing/Sharing system.
6.1.2.10.3.	Provide a 2D copy of the main screen on a UHD/4K LED monitor (min 26") in resolution of min 3840 x 2160 to provide a 2D replica of the main 3D display on pilot/operator desk. It is not allowed to drive this monitor at lesser resolution to ensure information legibility. Even when the main display is showing 3D content, the monitor should display flicker-free mono 2D replica of the 3D content being displayed on main screen.
<b>6.1.2.11.</b>	The solution shall have latest generation display management system providing multi-

	source handling. It shall have high-resolution DP/HDMI Inputs as well as Outputs & not just dual-link DVI/SDI connectors to ensure direct connectivity to high-resolution 3D sources without requiring any DP-DVI conversions
<b>6.1.2.12.</b>	Mandatory Certification: Display Controller/Display Management System should have a valid BIS registration number. This is a mandatory requirement. Bidder shall provide the valid BIS registration number of the product in the technical bid and also attach a copy of the registration certificate issued by BIS with the technical bid.
<b>6.1.2.13.</b>	The System should also include a remote/sharing streaming solution to provide the following capabilities:
6.1.2.13.1.	Should allow selected content or even a copy of full 3D display to be viewed by remote users working remotely on a Windows PC, or mobile personnel with iOS / Android devices, e.g. deployed field personnel or remote experts anywhere in the world over the Internet simply using URLs without having to install any special or proprietary application software on their PC or devices.
6.1.2.13.2.	This solution should not require remote users to be connected to OIL corporate network (directly or thru VPN). The users shall simply be using standard internet network on mobile devices or PCs.
6.1.2.13.3.	This solution shall provide a web portal where remote users shall be able to log in and view the content being shared. While viewing the feed, the PC users shall be presented with a number of viewing options such as timeline with pause, step back, step ahead, catch up to live, persistent storage up to ½ hour, full screen, and fit to view window. The administrator in Visualization Room should be able to generate Login credentials for remote users as & when required.
6.1.2.13.4.	Users should simply be able to see the content on standard browser without the need for any specific app.
6.1.2.13.5	The solution shall allow at least 20 simultaneous users to log into the system for viewing.
6.1.2.13.6.	When the selected content to shared is running Active 3D, the remote viewers should be able to see a flicker-free 2D images of the same content on their devices.

## 6.2. Image Generator

6.2.1.	Make and Model to be mentioned by Bidder with detailed Brochure to be attached.
6.2.2.	Processor : 2 x Minimum 12Core Intel Xeon Processor with minimum 2.2 GHz
6.2.3.	Graphic Card: NVIDIA Quadro P5000 or higher with appropriate Ports and Connectors to be able to Produce 2D/3D Display Signal with resolution upto 12 million pixels minimum together with 3D stereo sync over mini-DIN connector, so that the same can be fed to Display Controlling Unit and the same can be seen to the Visualisation Screen in Full Resolution.
6.2.4.	RAM : 256 GB DDR4 Minimum.
6.2.5.	HDD : Usable 1.2 TB (minimum) with Hardware RAID 1/0/10.
6.2.6.	Operating System: 64 Bit MS Windows 10 Professional with License and RHEL Workstation 6.5 or Higher Pre Installed in Dual Boot Mode.
6.2.7.	Keyboard and Mouse: Wireless Keyboard and Mouse to be Provided along with

	necessary dongle.
6.2.8.	Monitor: Minimum 1 No Monitor of 4K resolution and at least 25 inch diagonal size to be supplied with the image generator.

## 7. Other Items :

### 7.1 42 U Rack :

7.1.1.	To be Supplied with the whole solution so that all the equipment can be mounted there.
7.1.2.	Make and Model : To be Mentioned by the bidder
7.1.3.	42U 19" to house the complete system including image generators
7.1.4.	2 Nos of PDU (to be mounted vertically on each side of the rack) each of 7.2 KW Capacity should be supplied along with the Rack.
7.1.5.	The Rack should come with front glass door, perforated back door, air circulation module, 1 tray for keeping equipment that can't be mounted.

### 7.2 UPS :

7.2.1.	Make and Model : Bidder must specify
7.2.2.	Capacity :15KVA, 3 phase online UPS
7.2.3.	This UPS System shall provide Power Backup to the Display System with Controlling Unit, Image Generator, Mobile Workstation, Presentation System, Video Conferencing System with Mic and Camera and all other Rack Equipment.
7.2.4.	Battery : Adequate number of SMF battery for 30 min backup
7.2.5.	OEM Rack for UPS and Battery Storage rack.
7.2.6.	Display : Front panel display for i) Input voltage per phase, ii) Input current per phase, iii) Output voltage per phase, iv) Output current per phase.
7.2.7.	Monitoring : UPS health monitoring through network.
7.2.8.	If any distribution Box and cabling is required the same to be supplied and installed by the successful bidder.

### 7.3 Wireless Presentation Solution:

7.3.1.	Make and Model : Bidder must specify.
7.3.2.	It should not use OIL's Corporate LAN or any external Router For Presentation.
7.3.3.	The system shall not use PC/Laptop's wifi or Ethernet resources for presentation.
7.3.4	Should be able to drive displays of up to 4K and & supporting at least 4 input sources of 4 million Pixels each.

<b>7.3.5.</b>	The system shall not require users to install any client software in Desktops/Laptops for presentation.
<b>7.3.6.</b>	It should also enable the presentation of extended desktop on laptops without even physically connecting any display cables to the laptop via VGA/DVI/DP/HDMI etc. cables
<b>7.3.7.</b>	It should allow laptop users to select what they want to share; main desktop or the extended desktop
<b>7.3.8.</b>	It should also allow users to present content from their iOS/Android mobile phones
<b>7.3.9.</b>	The Mac as well as Windows Users should be able to Present through the system.

#### **7.4 Video Conference Unit:**

<b>7.4.1.</b>	The system endpoint must be a codec based completely on premise solution suitable for meeting room kind of setup.
<b>7.4.2.</b>	Make and Model : Bidder must specify.
<b>7.4.3.</b>	The system must have minimum 2 HDMI Video and Content output that should be able to the screen in Full HD Resolution(for each output).
<b>7.4.4.</b>	The System must have following input :
7.4.4.1.	Minimum 1 mic input for Audio suitable for Room as per layout
7.4.4.2.	Min. 1 Input for Camera.
7.4.4.3.	Minimum 1xHDMI Input For Content Sharing.
7.4.5.	The system should be able to detect the speaker and zoom in accordingly. Otherwise normally it should be able to display all the people in front of it in the meeting area. In order to achieve this, if more than 1 Camera is required, then the same needs to be supplied along with any other accessory.
7.4.6.	The system shall come with Mic (If more than 1 required to Cover the entire room the same must be supplied), Full HD Camera with Accessories, Cables and any other equipment as required.
7.4.7.	The System shall be compatible with SIP and H323 Protocol and should be able to call Cisco and Polycom VC Systems over IP (the same has to be ensured by the successful bidder).
7.4.8.	The System must come with multi conference facility.
7.4.9.	All the licenses for the system should be perpetual in nature.

#### **7.5 Mobile Workstation :**

7.5.1.	Make and Model to be mentioned by Bidder with detailed Brochure to be attached.
7.5.2.	Processor : Minimum Intel Xeon E3 or Intel Core i7, Minimum 8 MB Cache
7.5.3.	Graphic Card : NVIDIA Quadro or equivalent graphics Card (with minimum 8GB GPU Memory)

7.5.4.	RAM : 64GB DDR4 Minimum
7.5.5.	HDD : Usable 500GB SSD
7.5.6.	Operating System : 64 Bit MS Windows 10 Professional with License and RHEL Workstation 6.5 or Higher Pre Installed in Dual Boot Mode.
7.5.7.	Display Resolution : Minimum 1920x1080
7.5.8.	Display Size : 16 inch Diagonal Minimum.
7.5.9.	Laptop Bag to be provided along with.

**7.6 3D Spectacles :**The successful bidder shall supply at least 20 Nos. of Active 3D glasses along with compatible emitter with the solution.

**7.7 Network Switch :** 1 No of 48 Port x 1G Managed Network Switch must be Supplied and Installed on the Rack. Make and Model for the same must be mentioned with the Bid.

**7.8 Stereo Bracket For 3D Sync For Existing 4 Workstations:** Stereo Bracket for Existing Workstations shall be Supplied and Integrated with the solution so that the existing Workstations (4 Nos with Dual Monitor Running NVIDIA Quadro K6000 with Dual Monitor each QHD) can produce 3D Content and project the same on display screen. Currently no stereo Bracket is available with the workstations.

### 7.9 Audio System:

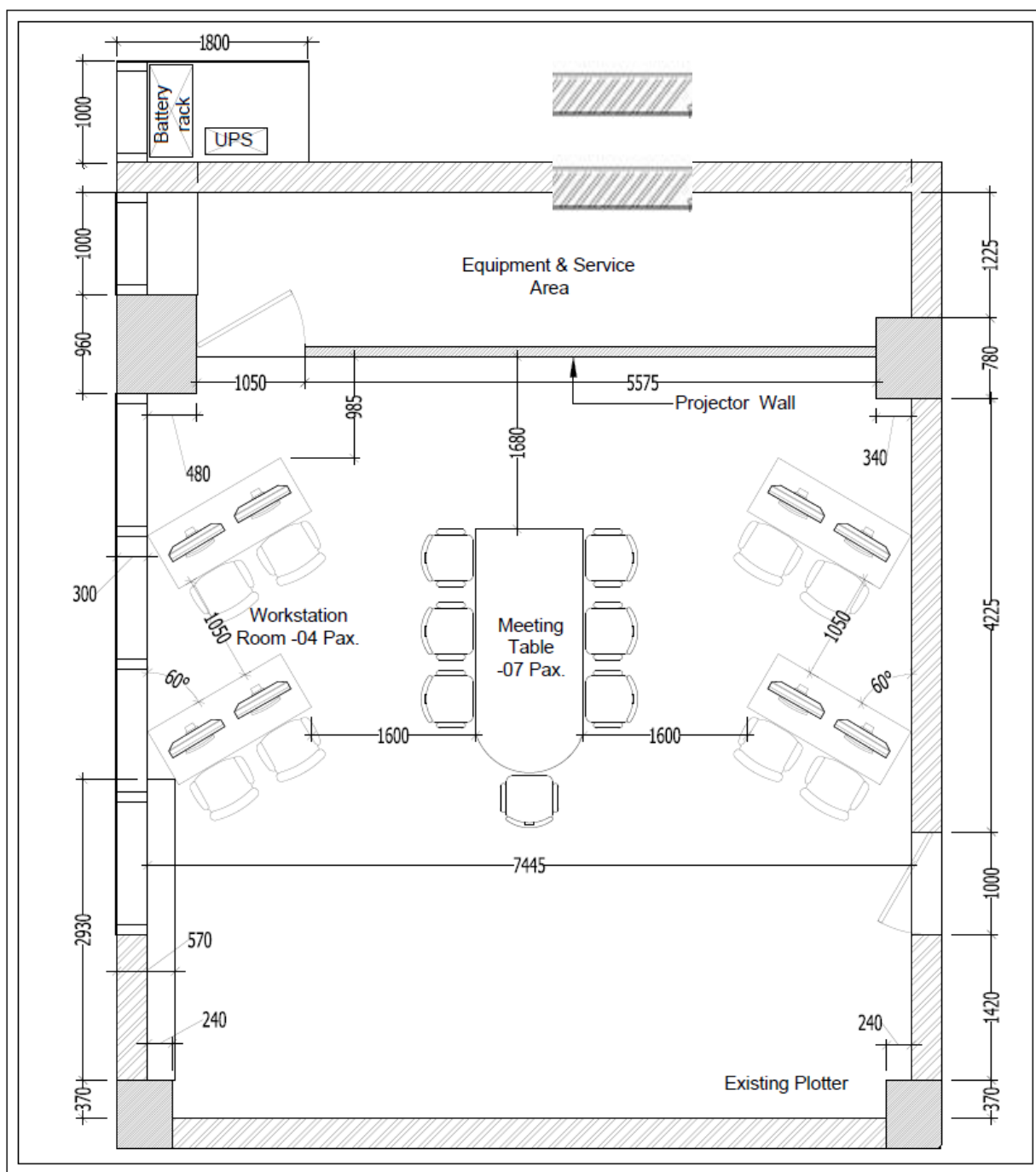
7.9.1.	Controlled Audio System with 5.1 speaker to be integrated with Image Generator and laptop.
7.9.2.	Volume will be controlled through Touch panel.

**7.10. Light Controller:** Minimum 4 channel light controller for each channel having capability for dimming the available lighting.

### 7.11. Central Control System with Touch-panel :

7.11.1.	Processor of AV control system to be mounted on rack in the server room of VRC.
7.11.2.	A table top colour touch panel interface with controller (Crestron/AMX) in the background to be placed at Podium of VRC.
7.11.3.	Control system should be able to control the following through touch panel:-
7.11.3.1.	Offered Display projection system (On and Off)
7.11.3.2.	Selection of various pre-sets/layouts created in the display management system. Any new pre-set/ layout created in Display Management system should be automatically updated in the touch panel.
7.11.3.3.	Volume of audio system.
7.11.3.4.	Room Light control .

**Fig 1 : 3D Visualization Room Proposed Layout (all dimensions in mm)**



## **8.0 Special Terms and Conditions:**

8.1 The bidder must supply, install and commission all items as per the scope of work. Installation, integration and commissioning of all the supplied 3D Stereoscopic Display Screen and Display Management System shall be done by the bidder with the help of OEM / OEM Certified Engineers at E&D Directorate Office, OKHLA, New Delhi.

- 8.2 All the Hardware Items / accessories and necessary software to run 3D Visualization Solution to be provided by the bidder. Any component or accessory which is not explicitly mentioned but is required for installation commissioning, effective utilisation and optimal performance of the proposed 3D Visualisation and Collaboration Centre must form a part and parcel of the solution offered by the bidder.
- 8.3 The bidder must quote all the items mentioned in the tender. It is bidder's responsibility to ensure completeness of the list of deliverables in the offer for a fully functional system. However, if at the time of installation & integration of the system, it is found that some additional hardware accessories or software items with licenses are required to complete the configuration, which were not included in the bidder's original list of deliverables, then the bidder is required to supply such items to ensure the completeness of the configuration at no extra cost to OIL.
- 8.4 Supplier has to submit As-Built Drawing for the project during acceptance test.
- 8.5 Interested bidder may visit the site during pre-bid conference or at any other time before pre-bid conference (with prior permission of OIL) to understand the total requirement. The system has to be installed at the specified location in E&D Directorate, OIL, New Delhi.
- 8.6 All the Software Licenses must be in the name of "Oil India Limited".
- 8.7 OIL's workstation which will be integrated with the projection system having software like Geoframe, Geoscientific Software Kingdom Suite, QUESTOR, Decision Space, Petrel Software, Hampson-Russell Software. It's bidder's responsibility to ensure that any upgradation of the workstation hardware or software should not hamper the integration with 3D Projection system as long as the 3D visualisation and Collaboration Centre is under warranty and AMC.
- 8.8 All equipment to be supplied must conform to Indian power requirements. OIL shall provide 220-240 VAC, 50Hz Power.
- 8.9 All the necessary cables, connectors and other accessories required to complete the entire scope of work must be supplied by the supplier.
- 8.10 Supplier shall indicate make & model of the quoted equipment as sought in this document along with relevant detailed Technical catalogues / brochures (hardcopy/softcopy format). The Technical information provided along with bid should be sufficient to evaluate the material to be supplied.
- 8.11 Any Civil modifications required to make the system fully functional must be carried out by the Supplier prior to installation of the system without any extra cost to OIL.
- 8.12 The Supplier shall conduct acceptance test of the supplied solution at the Installation site and demonstrate the functionalities as per specifications.
- 8.13 It is the responsibility of supplier to resolve any performance related issues before the acceptance certificate can be issued. Installation and Commissioning will not be considered as complete until the performance issues are not resolved.



8.14 Sum of quoted value of items from 1 to 6 as per price bid format should not exceed more than 70% of total quoted project value(sum of value of item no. 1 to 7) as per price bid format. In case the total quoted value against item no. 1-6 exceeds 70% of total quoted value for items from 1-7, the amount(value of items from 1-6) exceeding 70% of total quoted value shall be released in seven(07) equal instalments on completion of each year under warranty(1 year) & AMC period of 6 years. AMC charges for the subsequent year should not be less than that of the previous year.

Payment Terms clause will be guided according.

Example:

Sum of value of item from 1-6 = INR 8000

Sum of value of total item (1-7) = INR 10000

70% of Total Project Value =  $10000 \times 70\%$  = INR 7000

Amount(value of item from 1-6) Exceeding from 70% of total quoted project value =  $8000 - 7000$  = INR 1000

This INR 1000 will be paid in 07 equal instalments on completion of each year under warranty & AMC i.e. Amount paid every year =  $1000/7$  = INR 142.85

Payment Terms:

95% of material value (70% after delivery and 25% after Project Completion)+ Demolition and Installation and Commissioning Charges on completion of project as per Payment Terms (clause No.13 )given below:

Year-1 : 5% of material value on completion of 1st year warranty + INR 142.85 (at year end)

Year-2 : AMC Charges of 1st Year(Quarterly Payment) + INR 142.85 (at year end)

Year-3 : AMC Charges of 2nd year(Quarterly Payment) + INR 142.85 (at year end)

Year-4 : AMC Charges of 3rd year (Quarterly Payment) + INR 142.85(at year end)

Year-5 : AMC Charges of 4th year (Quarterly Payment) + INR 142.85(at year end)

Year-6 : AMC Charges of 5th year (Quarterly Payment) + INR 142.85(at year end)

Year-7 : AMC Charges of 6th year (Quarterly Payment) + INR 142.85(at year end)

## **8. Project Timeline:**

Delivery, Installation and Commissioning for all the items including the Acceptance Test shall be completed within **180 days** of issue of Letter of Award(LOA).

## **9. Warranty Terms:**

10.1 Warranty for the system shall start w.e.f the next date of Installation and Commissioning Date and shall remain effective for 1 year.

10.2 Warranty shall cover all the items supplied and installed under this order.

10.3 During warranty period, all the problems must be rectified within 48 hours of reporting the problem including replacement of defective part.

10.4 The successful bidder shall do preventive maintenance and checking of the Major Items(Display Screen, Display Controlling Unit, Image Generator, Video Conference System, Wireless Presentation System, Mobile Workstation, UPS System, Network Switch) as per OEM recommendation during warranty Period.

10.5 The successful bidder shall apply any OEM released patch or software upgrade/update for the Major Items(Display Screen, Display Controlling Unit, Image Generator, Video Conference System, Wireless Presentation System, Mobile Workstation, UPS System, Network Switch) as per OEM recommendation or if sought by OIL during Warranty Period(at no extra cost to OIL).

10.6 Any Item that is consumable in nature and is required for proper working of the supplied items shall have to be supplied and installed by the successful bidder during AMC Period at no extra cost to OIL during Warranty Period.

## **10. AMC (Annual Maintenance Contract) Terms :**

1. AMC For the system shall start w.e.f the next day of expiry of warranty and shall remain effective for 6 years.
2. AMC shall cover all the items supplied and installed under this order.
3. During AMC period, all the problems must be rectified within 48 hours of reporting the problem including replacement of defective part.
4. Successful Bidder must provide proof of back to back agreement with OEM for all the Major Items (Display Screen, Display Controlling Unit, Image Generator, Video Conference System, Wireless Presentation System, Mobile Workstation, UPS System, Network Switch) whenever the same is sought by OIL.
5. The successful bidder shall do preventive maintenance and checking of the Major Items(Display Screen, Display Controlling Unit, Image Generator, Video Conference System, Wireless Presentation System, Mobile Workstation, UPS System, Network Switch) as per OEM recommendation during AMC Period.
6. The successful bidder shall apply any OEM released patch or software upgrade/update for the Major Items(Display Screen, Display Controlling Unit, Image Generator, Video Conference System, Wireless Presentation System, Mobile Workstation, UPS System, Network Switch) as per OEM recommendation or if sought by OIL during AMC Period(at no extra cost to OIL).
7. Replacement of Batteries if recommended by UPS OEM during AMC period have to be done by the successful bidder at no extra cost to OIL.
8. Any Item that is consumable in nature and is required for proper working of the supplied items shall have to be supplied and installed by the successful bidder during AMC Period at no extra cost to OIL during AMC Period.

## **11. Penalty Terms :**

1. If the problems are not rectified within 48 hours of reporting, a penalty of INR 1000 shall be applicable for every additional day beyond expiry of 48 hours of reporting the problem until the problem is resolved.
2. However total penalty shall not exceed 10% of Total AMC Charges for that quarter.

## **12. Payment Terms:**

- 24.5 70% of the material value will be released on receipt of ordered materials at E&D Directorate, OKHLA , New Delhi & satisfactory physical inspection of the materials by OIL & proof of dispatch of material along with other relevant documents as indicated in the tender document.
- 24.6 25% of the material value will be released along with Installation & commissioning charges will be released after successful installation & commissioning of the entire solution and issue of a certificate of acceptance of the System as per scope of work / specifications.
- 24.7 5% of the material value will be released after successfully fulfilling warranty conditions as per Warranty Terms (clause-10), for first year.
- 24.8 **Payment of AMC Charges:** AMC charges quoted will be paid quarterly after successful completion of each quarter i.e. payment @ 25% of AMC charges will be released at the end of each quarter of each year with Penalty deductions, as per the terms and conditions of AMC.

## **13. Pre-dispatch Inspection:**

Pre dispatch inspection of the whole system including the projector & the screen will be undertaken by OIL to verify that the materials conform to the requirements of the tender.

## **14. List of items required :**

<b><u>Sl No.</u></b>	<b><u>Description</u></b>	<b><u>Quantity/UoM</u></b>	<b><u>HSN/SAC CODE</u></b>
<b>1.0</b>	Display system		
1.1	3D stereoscopic display screen	1 No	
1.2	Display Management System	1 No	
<b>2.0</b>	Image Generator	1 No	
<b>3.0</b>	Other Items		
3.1	42 U Rack	1 No	
3.2	UPS system(1x15KVA as per specifications) with Accessories	1 No	
3.3	Wireless Presentation Solution	2 Nos.	

3.4	Video Conference Endpoint Unit with Camera and Mic	1 No	
3.5	Mobile Workstation	1 No	
3.6	3D Spectacles	20 Nos.	
3,7	Network Switch (48x1G)	1 No	
3.8	Stereo Bracket For Existing Workstations	4 Nos.	
<b>4.0</b>	Site Interior Work		
4.1	DMEOLITION WORKS( details as per Annexure-I of section v)	AU	
4.2	LAN Cabling (with IO Boxes and RJ-45 Connectors as per requirement in Technical specification)	LS	
4.3	ELECTRICAL Works including supply of materials (details as per Annexure-II of section v)	LS	
4.4	CIVIL works including supply of materials (details as per Annexure-I of section v)	LS	
4.5	Supply & installation of Tower Air Conditioning Systems For Equipment Area (details as per Annexure-III of section v)	2 Nos.	
4.6	Fire Detection System for Equipment Area(details as per Annexure-IV of section v)	1 No	
4.7	Gas Based Fire Suppression System For Equipment Area (details as per Annexure-IV).	1 No	
4.8	Security Access Control system (details as per Annexure-V of section v)	1 No	

5.0	Installation and Commissioning	1 AU	
6.0	Any other item		
7.0	AMC		
7.1	AMC Charge for Year 1	1 AU	
7.2	AMC Charge for Year 2	1 AU	
7.3	AMC Charge for Year 3	1AU	
7.4	AMC Charge for Year 4	1AU	
7.5	AMC Charge for Year 5	1AU	
7.6	AMC Charge for Year 6	1AU	

**Annexure –I :Specification For Civil Supplies and Civil Work Including Demolition work are as under:**

CIVIL AND INTERIOR WORKS	
No.	Item
	<b>Demolition/Disposal of existing fitout materials</b>
1	Dismantling of existing false ceiling, partitions ,loose furniture items.
2	Cutting of raceway in floor for MEP works as required.
	<b>Erection works-Partitions</b>
1	P/finishing/ repairs of concrete floor raceway cuttings/ damaged area with cement mortar in smooth finish.
	<b>SURFACE FINISHING</b>
1	Base preparation, putty & Acrylic emulsion painting of gyp on ceilng/partitions
2	Finishing of wall with POP punning as required in true line and level.
3	Enamel Paint on ms surface-railing/grills/columns etc.

4	Texture Wall paint in roller/rustic finish as per client
	<b>Partitions, Doors &amp; Windows</b>
	<b>FALSE CEILING</b>
1	Gypboard False ceiling/panelling on GI framework as required.
2	Extra for making of coves in gypsum ceiling in prime areas.
3	Accoustic Grid False ceiling
	<b>PARTITIONS</b>
1	P/fixing of MS/GI frame works for Video wall as per detailed drgs.
2	P/fixing of GI section framework for wall panelling with plywood base layer as per detailed drgs.
3	P/f of aluminium skirting on wall/partitions.
	<b>PANELLING / CLADDING</b>
1	P/f of 12.5 mm thick gypsum board skin with jointing.
2	P/f of 4mm lacquered glass over existing plywood base.
4	P/f of laminate panelling in cabins with 4mm panels over existing ply wood base/ laddi board.
5	Base ply/MDF ladding on partitions/walls for base/ladding.
	<b>DOOR SHUTTERS</b>
1	P/f of wooden Door frame frame of section-50x100mm with paint finish complete as per specs.
2	P/f of flush door shutters with both side laminate i/c h/w and size upto ( 900x2400mm)
3	Extra for providing/fixing of vision panel in flush doors.
	<b>Modular system</b>
1	P/F modular furniture with prelam board and metal powder coated sections as per specs.
2	Workstation Table-1500x750mm as per detailed drgs.
3	Meeting Table of 7-Pax of size-2700x1200mm with electrical outlet POP up box as per detail drgs.
	<b>Chairs</b>
1	W/s and Meeting chairs with adjustable height, net backing,fabric foam seat on castors as per manufacturer specifications in approved finish.
	<b>Furnishing Items</b>

1	P/f of roller blinds on external windows with sun control blackout type fabric.
2	P/fixing of provision for blind operation with required motor and remote control.
3	P/f of pelmets/cills made out of comm.bd. complete in all respect.
4	P/f of trapdoors made out of wdn laminate finish with req hw.
5	signages for common area in ss finish upto size-150x150mm,
6	P/f of graphic films wall/partition surfaces.
7	P/f of glass film for etching/suncontrol .
8	P/f of ss finish sheet cover on electrical junction box in floors of size upto-375x375mm.
9	Any other Item

<b><u>FURNITURE &amp; CHAIRS</u></b>			
<b><u>Item Description</u></b>	<b><u>Location</u></b>	<b><u>Unit</u></b>	<b><u>Quantity</u></b>
<b>Furniture</b>			
Meeting Table (2375x1200)	Meeting	Nos.	1
Linear Workstation (1350x575)	Work hall	Nos.	4
Podium	Work hall	Nos.	1
<b>Chairs and Sofa</b>			
Workstation chairs	Work hall	Nos.	16
Visitor chairs	Meeting table	Nos.	7

**NOTE:**

- **Changes in the specifications of civil supplies and work if required will be incorporated as per site requirement without any cost implication to OIL.**
- **Textures and colour of furniture etc. will be decided by OIL during project execution.**

## **Annexure –II : Specifications For Electrical Supplies and Work:**

<u><b>Sl No</b></u>	<u><b>Item</b></u>	<u><b>Quantity</b></u>
	<b>WIRING</b>	
<u>1</u>	Wiring for primary light points for switch controlled points with 1.5 sqmm PVC insulated FRLS copper conductor 1100 Volt grade wires in FRLS PVC surface/concealed conduit including cost of providing saddles etc. for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of providing and fixing a 6amp 240 volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box and including the cost of running 1.5 sqmm PVC insulated FRLS copper conductor wire for loop earthing etc. complete as per specifications and as required i/c circuit wiring with 2 x 2.5sqmm and 1 no 1.5 sqmm FRLS PVC insulated copper wire for earthing	<u>As per requirement</u>
<u>2</u>	<u>Any other item</u>	

## **Annexure –III : Technical Specifications For Tower AC Supply and Installation (Make and Model to be Mentioned by the Bidder)**

<u><b>Sl No.</b></u>	<u><b>Description</b></u>	<u><b>Qty.</b></u>	<u><b>Unit</b></u>
<b>1</b>	Supply, Installation, Testing, & commissioning of Tower AC of min. 3 TR. complete in all respect as per the direction of OIL.	2	Nos.
<b>2</b>	Supply, Installation, Testing, & commissioning of copper piping with insulation complete in all respect as per the direction of OIL.	As Per Site Requirement	Rm
<b>3</b>	Supply, Installation of PVC drain piping with insulation complete in all respect as per the direction of OIL.	As Per Site Requirement	Rm
	Supply, Installation of angle iron stand with primer/enamel paint coating for outdoor unit complete in all respect as per the direction of OIL.	As Per Site Requirement	Each
<b>4</b>	Stabilizer	2	Nos.
<b>5</b>	Any other item	As Per Requirement	



## **Annexure –IV : Technical Specifications For Fire Detection and Gas Based Fire Suppression system (Make/Model To be Mentioned by the Bidder)**

<u>Product Item Name</u>	<u>Qty</u>
Clean Agent Storage cylinder, high pressure seamless carbon steel cylinder, Test Pressure 334/ 250 Bar, working pressure 200/150 Bar and dia. 356/232 mm, PESO Approved, Capacity -34 Ltrs	1 No
Valve assembly (Brass), safety burst disc and a safety cap. Inlet & outlet port for actuation hose connection for operation during multi cylinder system to operate the inline master and slave cylinders.	1 No
Pressure Gauge cum Switch for monitoring the cylinder pressure.	1 No
HFC 227ea Gas (1,1,1,2,3,3,3 Hepta fluoro propane), Zero ODP, Stored Pressure 25BAR.	27 Litre Min.
Electric Control Head (Solenoid actuator) used for releasing the GAS, Electrically operated, Voltage range 24VDC, Ambient Temperature 55 Deg. C, Protection class IP65. Mounted over the cylinder valve.	1 No
Manual (Mechanically Operated) Control Head (Brass) to operate the system pulling the mechanical lever with help of S.S. wire & Manual Pull station. Mounted over the Solenoid actuator.	1 No
Manual Activation Mechanical box.	1 No
SS Wire.	As per Requirement
Wire Sleeve Aluminum.	As per Requirement
Corner Pulleys.	As per Requirement
End of Line for SS Wire.	2 Nos
Brass Discharge Nozzles are designed to provide the proper flow rate and distribution of HFC227ea agent to total flood a hazard area : 180 deg. / 360 deg. End connection – female thread type (NPT/BSPT).	1 No
Flexible discharge Hose route the HFC227ea Agent from the storage cylinders to the discharge piping by a flexible rubber hose with wire braided reinforcements. This hose is connected to the discharge outlet of HFC227ea cylinder valve and terminates at the system piping or discharged manifold.	1 No
M S Container Strap for mounting and fixing the Agent containers to the wall.	2 No
Conventional 2 zone detection & 1 zone actuation, Gas Release Panel with	1 No

battery back up and cross zoning facility	
Manual Release Switch The Manual Call Point operates as electrical emergency hold device for gas extinguishing systems.	1 No
Manual Abort Switch The Manual Call Point is used as electrical activation device for gas extinguishing systems	1 No
A Conventional Photoelectric Smoke Detector (White), which is fully compatible with the majority of existing Conventional systems. A third terminal provides an integral remote indicator output.	1 No
A Conventional Detector Mounting Base(for associated with the CDX Range of Detectors and Beacons and is fully compatible with the majority of existing conventional fire alarm control panels.	1 No
A Conventional Rate of Rise Heat Detector (White) incorporating a 60C fixed temperature element. The thermistor and linearising circuit provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output.	1 No
A Conventional Detector Mounting Base associated with the CDX Range of Detectors and Beacons and is fully compatible with the majority of existing conventional fire alarm control panels.	1 No
An Electronic Conventional Sounder Beacon which can be installed internally	1 No
2C x 1.5 Sq.mm CU. Armoured control / power Cable. Voltages grade 1100 volts.	As per Requirement
C.S./M.S. Seamless Piping, fittings (forged screwed/socket weld upto 50NB) & M.S. supports e.g. angle, channel, plates clamps, etc. As per ASTM A-106, SCH. 40.	1 No

**Annexure –V (Technical Specifications For Access Control system )**As security measure one number access card reader to be installed in the entrance of the room along with one no. push button switch to open from inside .

<b><u>Sl. no.</u></b>	<b><u>Description</u></b>	<b><u>Qty.</u></b>	<b><u>Unit</u></b>
1	Access card reader	1	no
2	Push Button switch	1	no
3	Software	1	
4	Cards	20	no
5	Any other item		

**(END OF SECTION-V)**

## **SECTION-VI**

### **Price Bid Format (Schedule of Rates)**

#### **For e-Tender No. SLG 1094P20**

**Bidders are required to submit the summary of the prices in their Price Bid as per bid format (Summary ), given below. Itemwise detailed break up of price should be given in Price Schedule Proforma-1(Schedule of Rates) :**

#### **(i) Price Bid Format (SUMMARY) for Foreign Bidders:**

- (A) Total Material Value (to indicate HSN code):**
- (B) Packing & FOB charges:**
- (C) Total FOB port of shipment value( A+B):**
- (D) Overseas Freight Charges upto Kolkata, India:**
- (E) Insurance charges:**
- (F) Banking & Insurance, @1% of C :**
- (F) CIF Value, C+D+E+F :**
- (H) Landing charges@1% on G**
- (I) CIF landed value (G+H) :**
- (J) Basic Customs Duty(including cess,if any) :**
- (K) CIF Landed value +CD,(I+J):**
- (L) IGST (including cess,if any ) on K:**
- (M) Compensatory Cess,( if any) on L :**
- (N) Total CIF+CD+GST Landed value (K+L+M):**
- (O) Installation & Commissioning (including demonstration/training) Charges including GST as applicable (to indicate SAC code):**
- (P) AMC Charges for 06 years (including GST as applicable) :**
- (Q) Total Value, N+O+P :**
- (R) Total Value in words:**
- (S) Gross Weight:**
- (T) Gross Volume :**

#### **(ii) Price Bid Format (SUMMARY) for Indigenous Bidders:**

- (A) Total Material Value (to indicate HSN code):**
- (B) Packing & Forwarding charges, if any:**
- (C) Total Ex-Works Value, A+B above:**

- (D) GST(as applicable) on C :
- ( E) Compensatory Cess,if any:
- (F) Total FOR Despatching Station Value: C+D+E above:
- (G) Road transportation Charges upto New Delhi :
- (H) GST on G;
- (I) Transit Insurance Charges, if any including GST:
- (J)Total FOR New delhi value(F+G+H+I) above:
- (K) Installation & Commissioning (including demonstration/training) Charges including GST as applicable (to indicate SAC code):
- (L) Comprehensive AMC Charges for 06 years ( including GST as applicable) :
- (M) Total Value, F+G+H+I+J+K above:
- (L) Total Value in words :
- (M) Gross Weight:
- (N) Gross Volume:
- (O) Import Content, if any:

**NOTES:**

- (I) Installation/Commissioning charges must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares, boarding/lodging, local transport at New Delhi and other expenses of supplier's commissioning personnel during their stay at Noida/Delhi. All Income, Service, Corporate Taxes etc. towards the services provided under installation / commissioning shall be borne by the supplier and will be deducted at source at the time of releasing the payment. Bidders must categorically indicate the above charges in their Price Bid and must confirm the same in their Technical Bids.
- (II) Pre-despatch/Shipment Inspection charges, if any, must be quoted separately on lumpsum basis which shall be considered for evaluation of the offers. The to and fro fares, boarding/lodging and other enroute expenses of OIL's personnel shall be borne by OIL.

### **Price Schedule Proforma-1 :**

SI No	Description	Quantity/ UOM  (1)	HSN/ SAC No.	Unit Price in quoted currency  (2)	Total Price in quoted currency  (3=1x2)	GST Rate (%)	Total Price( Incl GST) in quoted currency
<b>1.0</b>	<b>Display System</b>						
1.1	3D stereoscopic display screen	1 No					
1.2	Display Management System	1 No					
2.0	Image Generator	1 No					
<b>3.0</b>	<b>Other Items</b>						
3.1	42 U Rack	1 No					
3.2	UPS System (1x15KVA as per specifications) with Accessories	1 No					
3.3	Wireless Presentation Solution	2 Nos.					
3.4	Video Conference Endpoint Unit with Camera and Mic	1 No					
3.5	Mobile Workstation	1 No					

3.6	3D Spectacles	20 Nos.					
3.7	Network Switch (48x1G)	1 No					
3.8	Stereo Bracket For Existing Workstations	4 Nos.					
3.9	Audio System	1 No					
3.10	Lighting Controller	1 No					
3.11	Central Control System with Touch-panel	1 No					
<b>4.0</b>	<b>Site Interior Work</b>						
4.1	DEMOLITION WORKS (work details as per Annexure-I enclosed).	1AU					
4.2	LAN Cabling (with IO Boxes and RJ- 45 Connectors as per requirement in Technical specification)	1 LS					
4.3	ELECTRICAL SUPPLY (work details as per Annexure-II enclosed).	1 LS					
4.4	CIVIL SUPPLY (work details as per Annexure-I	1 LS					

	enclosed).						
4.5	Tower Air Conditioning System For Equipment Area (As per Annexure-III)	2 Nos.					
4.6	Fire Detection System for Equipment Area (As per Annexure-IV)	1 No					
4.7	Gas Based Fire Suppression System For Equipment Area. (As per Annexure-IV)	1 No					
4.8	Security Access Control system (As per Annexure-V)	1 No					
5.0	<b>Installation and Commissioning</b>	1 AU					
6.0	<b>Any other item</b>	1 LS					
	<b>Total Price of item no. 1.0 To 6.0</b>						
<b>7.0</b>	<b>Annual Maintenance Contract charges</b>						
7.1	AMC Charge For Year 1	1	AU				
7.2	AMC Charge For Year 2	1	AU				

7.3	AMC Charge For Year 3	1	AU				
7.4	AMC Charge For Year 4	1	AU				
7.5	AMC Charge For Year 5	1	AU				
7.6	AMC Charge For Year 6	1	AU				
	<b>Total AMC Charges for 6 years (sum of item no. 7.1 to 7.6)</b>						

**(End of Section-VI)**



### **APPENDIX-A3**

#### **COMMERCIAL CHECK LIST**

##### **(TO BE FILLED UP & UPLOAD WITH TECHNICAL BID)**

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

Sl. No.	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes/ No
2.0	Whether exempted from submission of Bid Security? (To provide details if exempted)	Yes/ No
3.0	If NO to 2.0 above, and Bid Security submitted in the form of Bank Guarantee(BG)/DD/Cashier Cheque, whether ORIGINAL bid security has been Sent separately? If YES, provide following details:	Yes/ No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Security in the form of BG:	
4.0	Whether quoted offer validity of 120 days from the date of closing of tender?	Yes/ No
5.0	Whether all BRC/BEC clauses accepted?	Yes/ No
6.0	Whether prices submitted as per Bidding format?	Yes/ No
6.1	Whether Bidding format uploaded under “Notes and Attachments” tab in the main bidding engine of OIL’s e-Tender portal?	Yes/ No
7.0	Whether confirmed acceptance of tender Payment Terms?	Yes/ No
8.0	Whether Integrity Pact Proforma uploaded with technical bid ?	Yes/No
9.0	Whether confirmed to submit PBG as asked for in NIT?	Yes/ No
10.0	Whether agreed to submit Performance Security / Security Deposit within 30 days of the issue of Letter of Award/order?	Yes/ No

11.0	Whether quoted as per NIT (without any deviations)?	Yes/ No
11.1	Whether quoted any deviation?	Yes/ No
11.2	Whether deviation separately highlighted?	Yes/ No

Offer ref ..... Dated .....

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

Ref. No. \_\_\_\_\_

Date \_\_\_\_\_

**Sub: Undertaking of authenticity of information/documents submitted**

**Ref:** Your tender No. \_\_\_\_\_ **Dated** \_\_\_\_\_

To,  
Dy. General Manager(C&P)  
E&D Directorate  
OIL, New Delhi

**Sir,**

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

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

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

Yours faithfully,

For (type name of the firm here)

Signature of Authorised Signatory

Name :

Designation :

Phone No.

Place :

Date :

(Affix Seal of the Organization here, if applicable)

**BID FORM**

To  
M/s. Oil India Limited,  
E&D Directorate, 5th Floor, NBCC Centre,  
Plot No.2, Okhla Phase-I, New Delhi-110020

**Sub: TENDER No. -----**

*Gentlemen,*

Having examined the General Terms & Conditions, Special Conditions of Contract, Scope of Work & Other Conditions of Contract and Schedule of Rates including all attachments thereto, the receipt of which is hereby duly acknowledged, we the undersigned offer to perform the work/services in conformity with the said conditions of Contract and Terms of Reference for the sum of \_\_\_\_\_ (*Total Bid Amount in words and figures*) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to commence the work as per the terms & conditions set out in the subject tender.

We agree to abide by this Bid for a period of 120 days from the date fixed for Bid closing and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof in your notification of award shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

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

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

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

**Seal of the Bidder:**

**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

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

**TO WHOM IT MAY CONCERN**

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

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

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

Place:

Date:

Seal:

Membership Number:

Firm Registration Number :

Signature

\*Applicable only for GLOBAL tenders.

**PROFORMA LETTER OF AUTHORISATION FOR ATTENDING BID OPENING**

To  
Dy. General Manager (C&P)  
E&D Directorate, 5th Floor, NBCC Centre,  
Plot No.2, Okhla Phase-I,  
New Delhi-110020

Sir,

Sub: **OIL's TENDER No.**

I / We \_\_\_\_\_ confirm that Mr./ Ms. \_\_\_\_\_ (Name and address) has been authorised to represent us during bid opening on our behalf against Tender No. ----- for -----.

Yours Faithfully,

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

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

**Signature of Bidder:** \_\_\_\_\_

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

**Date:** \_\_\_\_\_

**PROFORMA LETTER OF AUTHORITY**

To  
Dy. General Manager (C&P)  
E&D Directorate, 5th Floor, NBCC Centre,  
Plot No.2, Okhla Phase-I, New Delhi-110020

Dear Sir,

**SUB: OIL TENDER No. -----**

We \_\_\_\_\_ of \_\_\_\_\_  
Confirm that Mr./Ms. \_\_\_\_\_

(Name and Address) is authorised to represent us to Bid, negotiate and conclude the agreement on our behalf with you against Tender Invitation No. \_\_\_\_\_ for \_\_\_\_\_.

We confirm that we shall be bound by all and whatsoever our said representative shall commit.

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

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

Yours faithfully,

Signature : \_\_\_\_\_

Name & Designation \_\_\_\_\_

For & on behalf of \_\_\_\_\_

**NOTE:** This letter of authority shall be on printed letter head of the bidder, and shall be signed by a person competent and having the power of attorney (Power of attorney shall be annexed) to bind such Bidder.

**PROFORMA-V**

**[TO BE FILLED-UP / SUBMITTED BY THE VENDOR ON ITS LETTER HEAD FOR  
E-REMITTANCE]**

Name:

FULL Address:

Phone Number:

Mobile Number:

E-mail address:

Fax Number:

Bank Account Number (in which the Bidder wants remittance against invoices):

Bank Name:

Branch:

Address of the Bank:

Bank Code:

IFSC/RTGS Code of the Bank:

NEFT Code of the Bank:

PAN Number:

Service Tax Registration Number:

---

Signature of Bidder with Official Seal



**Public Procurement Policy for Micro and Small Enterprises (MSEs)**

Government of India, vide Gazette of India no.503 dated 26.03.2012 has proclaimed the Public Procurement Policy on procurement of goods and services from Micro & Small Enterprises (MSEs) by all Central Ministries/Departments/PSUs for promotion and development of Micro and Small Enterprises. In accordance with the provisions of the said policy, OIL has implemented following policy on procurement of goods and services:

- i) Issue of tender documents to MSEs free of cost.
- ii) Exemption to MSEs from payment of EMD / Bid Security.

i. **Purchase Preference for Goods Purchase Tenders:**

In case, participating Micro and Small Enterprises, quoting price within price band of L1 + 15% shall also be allowed to supply a portion of requirement by bringing down their prices to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprises and such Micro and Small Enterprises shall be allowed to supply up to 20% of the total tendered value. In case of more than one such Micro and Small Enterprises, the supply shall be shared equally subject to matching the L1 price.

The government vide office memorandum no. 21(1)/2014-MA dated 12.02.2015 have intimated that in the situation of L-1+15% and subsequent matching of L-1 price, CPSUs may take more than 20% supplies from micro and small enterprises as per their previous procurement pattern on case to case basis for which the Ministry has no objection.

Further, out of above 20%, 4% (20% of 20%) shall be from MSEs owned by SC/ST entrepreneurs. This quota is to be transferred to other MSEs in case of non-availability of MSEs owned by SC/ST entrepreneurs.

The MSEs owned by SC/ST entrepreneurs shall mean:

- a) In case of Proprietary MSE, proprietor(s) shall be SC/ST.
- b) In case of Partnership MSE, the SC/ST partners shall be holding at least 51% share in the unit.
- c) In case of Private Limited Companies, at least 51% share is held by SC/ST. If the MSE is owned by SC/ST entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regard.

In case tendered item is not split able or non-dividable, OIL reserves the right to place order for supply of 100% quantity to lowest eligible MSE subject to matching of L1 price amongst the MSEs qualifying for 15% Purchase preference.

Purchase Preference for Service Contract Tenders:

In case participating MSEs quote price within price band of L1+15%, such MSE shall be considered for award of contract by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE. In case of more than one such MSE qualifying for 15% purchase preference, the Contract shall be awarded to lowest eligible MSE amongst the MSEs qualifying for 15% purchase preference.

Documents Required to be submitted by MSEs: In case bidder is a Micro and Small Enterprise under the Micro, Small and Medium Enterprises Development Act 2006, the bidder shall submit the following:

- a) Documentary evidence that the bidder is a Micro or Small Enterprises registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME.
- b) If the MSE is owned by SC/ST entrepreneurs the bidder shall furnish appropriate documentary evidence in this regard.

However, if the bidders do not submit the valid registration certificate issued by the authorities as above and indicating the category of services & enterprises and the monetary limit for which they are registered, along with their bids (Technical), the bidders will not be entitled for the exemption and any preference admissible in the Public Procurement Policy (PPP), 2012.

If against an order placed by OIL, successful bidder(s) (other than Micro /Small Enterprise) is procuring materials / services from their sub-vendor who is Micro or Small Enterprise registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME, with prior consent in writing from OIL, the complete details (i.e. name of the subcontractor, value of sub-contacted work, copy of valid MSE registration certificate, Contact No., details of material and value of procurement made etc.) of the sub-contractor(s) shall be furnished by the successful bidder at the submission of invoice/ bill

**Purchase preference Policy (linked with Local Content) (PP-LC) for Procurement of Services pertaining to Oil & Gas business activities**

Purchase preference policy (linked with Local Content) (PP-LC) notified vide letter no.O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoPNG

1. In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs - Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy. If a bidder seeks free of cost tender document under the MSE policy, then it shall be considered that the bidder has sought benefit against the MSE policy and this option once exercised cannot be modified subsequently.
2. Bidders seeking Purchase preference (linked with local content) (PP-LC) shall be required to meet / exceed the target of Local Content (LC) of 30%

The LC limits shall be linked with date of TBO (Technical Bid Opening) of tender. For a tender due to open between 01.04.18 and 31.03.20, LC limit mentioned for 2018-20 shall be applicable. Similarly for a tender opening between 01.04.2020 to 31.03.2022, LC limits mentioned therein shall be applicable).

- 2.1 Such bidders shall furnish following undertaking on its letter head along with their techno-commercial bid. The undertaking shall become a part of the contract.

*"We \_\_\_\_\_ (Name of the bidder) undertake that we meet the mandatory minimum Local Content (LC) requirement i.e. \_\_\_\_\_ (to be filled as notified at Enclosure I of the policy) for claiming purchase preference linked with Local Contents under the Govt. policy against under tender no. \_\_\_\_\_."*

- 2.2 Above undertaking shall be supported by the following certificate from Statutory Auditor engaged by the bidder, on the letter head of such Statutory Auditor.

*"We \_\_\_\_\_ the statutory auditor of M/s \_\_\_\_\_ (name of the bidder) hereby certify that M/s \_\_\_\_\_ (name of the bidder) meet the mandatory Local Content requirements of the Services i.e. \_\_\_\_\_ (to be filled as notified at Enclosure I of the policy) quoted vide offer No. \_\_\_\_\_ dated \_\_\_\_\_ against OIL tender No. \_\_\_\_\_ by M/s \_\_\_\_\_ (Name of the bidder)."*

Note : In case of bidder(s) for whom Statutory Auditor is not required as per law required certificates shall be provided by a practicing Chartered Accountant.

- 2.3 At the bidding stage the bidder shall provide Break-up of “Local Component” and “Imported Component” in the prescribed format enclosed as Enclosure – III of the policy document of the policy and shall be uploaded by the bidders along with their price bid in the e-procurement portal.
3. Eligible (techno-commercially qualified) LC bidder shall be granted a purchase preference to 10% i.e. where the evaluated price is within 10% of the evaluated lowest price of Non Local Content (NLC) bidder, other things being equal. Accordingly, purchase preference shall be granted to the eligible (techno-commercially qualified) LC bidder concerned, at the lowest valid i.e. NLC price bid.
- 3.1 Only those LC bidders whose bids are within 10% of the NLC L1 bid would be allowed an opportunity to match L1 bid. All the eligible LC bidders shall be asked to submit their confirmation to match their price in sealed envelopes. Envelopes of the bidders shall be opened and award for the prescribed quantity shall be made to the lowest evaluated TA/CA (Techno- Commercial Acceptable) bidder among the eligible LC bidders. In case the lowest eligible LC bidder fails to match L1 price, the next eligible LC bidder will be awarded the prescribed quantity and so on. In case none of the eligible LC bidders matches the L1 bid, the actual bidder holding L1 price will secure the order.
4. Order for supply of 50% of the tendered quantity would be awarded to the lowest techno-commercially qualified LC bidder, subject to matching with valid NLC L1 price. The remaining will be awarded to L1 (i.e. NLC bidder). Prescribed 50% tendered quantity for LC bidders shall not be further sub-divided among eligible LC bidders.
- 4.1 However, if L1 bidder happens to be a LC bidder, the entire procurement value shall be awarded to such bidder.
- 4.2 The tendered quantity is not split-able / non-dividable / cannot be procured from multiple sources. Hence, the entire procurement value shall be awarded to the lowest techno-commercially qualified LC bidder subject to matching with valid NLC L1 rates.
5. For the purpose of this policy, all terms used vide aforesaid policy shall be governed by the definitions specified at para 2 of the policy document notified by MoPNG vide letter No. O-27011/44/2015-ONG-II/FP dated 25.04.2017.
6. The successful bidder shall be obliged to fulfill the requirements of quality and delivery

time in accordance with the provisions of the Purchase order/contract.

7. OIL shall have the right to satisfy itself of the production capability and product quality of the manufacturer.

#### 8.0 Determination of LC

8.1 LC of Services shall be calculated on the basis of the ratio of service cost of domestic component in service to the total cost of services.

8.2 The total cost of service shall be constituted of the cost spent for rendering of service covering :

- a) Cost of component (material), which is used.
- b) Manpower and consultant cost, cost of working equipment/facility, and
- c) General service cost, excluding profit, company overhead cost, taxes and duties.

8.3 The criteria for determination of cost of local content in the service shall be as under :

- a) In the case of material being used to help the provision of service, based on country of origin.
- b) In the case of manpower and consultant based on INR component of the services contract.
- c) In the case of working equipment/facility, based on country of origin and
- d) In the case of general service cost, based on the criteria as mentioned in clauses a, b and c above.
- e) Indian flag vessels in operation as on date.

8.4 Determination of Local Content: The determination of local content of the working equipment/facility shall be based on the following provision.

Working equipment produced in the country is valued as 100% (one hundred percent) local content, working equipment produced abroad is valued as much as nil (0% percent) local content.

#### 9.0 Calculation of LC and Reporting

- 9.1 LC shall be calculated on the basis of verifiable data. In the case of data used in the calculation of LC verifiable, the value of LC of the said component shall be treated as nil.
- 9.2 Formats for the calculation of LC of services may be seen at Enclosure-III of the policy document.
- 10.0 Certification and Verification
- 10.1 Bidder seeking Purchase Preference under the policy, shall be obliged to verify the LC of goods as follows :
- 10.1.2 At bidding stage:
- a) Price Break-up
  - (i) The bidder shall provide break-up of “Local Component” and “Imported Component” along with the price bid as per provisions under clause 2.3.
  - (ii) Bidder must have LC in excess of the specified requirement.
  - b) Undertaking by the bidder
    - i. The bidder shall submit undertaking along with the techno-commercial bid as per clause no.2.1, such undertaking shall become a part of the contract.
    - ii. Bidder shall also submit the list of items / services to be procured from Indian manufacturers / service providers.
  - c) Statutory Auditor’s Certificate
- The Undertaking submitted by the bidder shall be supported by a certificate from Statutory Auditor as per clause 2.2.
- 10.1.3 After Contract Award
- a) In the case of procurement cases with the value less than Rs. 5 crore (Rupees Five Crore), the LC content may be calculated (self-assessment) by the contractor and certified by the Director/Authorized Representative of the Company.
  - b) The verification of the procurement cases with the value Rupees Five Crore and above shall be carried out by a Statutory Auditor engaged by the bidder.
- 10.2 Each supplier shall provide the necessary local content documentation to the statutory auditor, which shall review and determine the local content requirements have been met

and issue of local content certificate to that effect on behalf of OIL, stating the percentage of local content in the good or service measured. The Auditor shall keep all necessary information obtained from suppliers for measurement of Local Content confidential.

- 10.3 The Local Content certificate shall be submitted along with each invoice raised. However, the % of local content may vary with invoice while maintaining the overall % of Local Content for the total work/purchase of the pro-rata Local Content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- 10.4 Where currency quoted by the bidder is other than Indian Rupee then the bidder claiming benefits under PP-LC shall consider exchange rate prevailing on the date of notice inviting tender (NIT) for the calculation of Local Content.
- 10.5 OIL shall have the authority to audit as well as witness production processes to certify the achievement of the requisite local content.
- 11 Sanctions
- 11.1 OIL shall impose sanction on bidder not fulfilling LC of goods/services in accordance with the value mentioned in certificate of LC.
- 11.2 The sanctions may be in the form of written warning, financial penalty and blacklisting.
- 11.3 If the bidder does not fulfill his obligation after the expiration of the period specified in such warning. OIL shall initiate action for blacklisting such bidder/ successful bidder.
- 11.4 A bidder who has been awarded the contract after availing Purchase Preference is found to have violated the LC provision, in the execution of the procurement contract of goods and/or services shall be subject to financial penalty over and above the PBG value prescribed in the contract and shall not be more than an amount equal to 10% of the Contract Price.
- 11.4.1 In pursuance of the clause No.11.4 above, towards fulfillment of conditions pertaining to Local Contents in accordance with the value mentioned in the certificate of LC, the bidder shall have to submit additional Bank Guarantee (format attached at Enclosure B) equivalent to the amount of PBG.

**Encl.**

**FORM OF BID SECURITY (BANK GUARANTEE)**

To:

Oil India Limited

E&D Directorate, 5th Floor, NBCC Centre,

Plot No.2, Okhla Phase-I, New Delhi-110020

WHEREAS, (Name of Bidder) \_\_\_\_\_ (hereinafter called "the Bidder") has submitted their Bid No. \_\_\_\_\_ Dated \_\_\_\_\_ against OIL INDIA LIMITED, New Delhi, India (hereinafter called the Company)'s Tender No. - ----- for ..... (herein after called "the Bid) KNOW ALL MEN BY these presents that we (Name of Bank) \_\_\_\_\_ of (Name of Country) \_\_\_\_\_ having our registered office at \_\_\_\_\_ (hereinafter called "Bank") are bound unto the Company in the sum of (\*) for which payment well and truly to be made to Company, the Bank binds itself, its successors and assignees by these presents.

SEALED with the common seal of the said Bank this \_\_\_\_ day of \_\_\_\_ 2018 .

THE CONDITIONS of these obligations are:

- (1) If the Bidder withdraws their Bid during the period of Bid validity specified by the Bidder; or
- (2) If the Bidder, having been notified of acceptance of their Bid by the Company during the period of Bid validity:
  - (a) Fails or refuses to execute the form of agreement in accordance with the Instructions to Bidders; or
  - (b) Fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

Or

- (3) If the Bidder furnishes fraudulent document / information in their bid.

We undertake to pay to Company up to the above amount upon receipt of its first written demand (by way of letter/fax/cable), without Company having to substantiate its demand provided that in its demand Company will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date (\*\*) and any demand in respect thereof should reach the Bank not later than the above date.

The details of the issuing bank and controlling bank are as under :

A. Issuing Bank

1. Full address of the Bank:
2. E-mail address of the Bankers:
3. Mobile nos. of the Contact persons :

B. Controlling Office :



1. Address of the controlling office of the BG issuing banks :
2. Name of the contact persons at the controlling office with their mobile nos. and e-mail address:

SIGNATURE AND SEAL OF THE GUARANTORS \_\_\_\_\_

Name of Bank & Address \_\_\_\_\_

Witness \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

(Signature, Name and Address)

Date: \_\_\_\_\_

Place: \_\_\_\_\_

- \* The Bidder should insert the amount of the guarantee in words and figures.
- \*\* Date of expiry of Bank Guarantee should be as given in forwarding letter.

## **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 ..... The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

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

### **Section: 1 -Commitments of the Principal**

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

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

**(2)** If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if

there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

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

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

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

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

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

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

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

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

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.
2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.
5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings

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

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

## **Section 5 -Previous transgression**

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

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

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

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

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

## **Section: 8 -External Independent Monitor/Monitors**

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.
3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. **However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.**

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

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

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

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

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

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

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

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

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

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

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

.....  
**For the Principal**

.....  
**For the Bidder/Contractor**

Witness 1: .....

Witness 2: .....

Place.  
Date .