



Tender Ref. No.: NTSC/COMPTRG/AR-VR/2018/45(8)

TENDER DOCUMENT

for

Setting up of VR Experience Zone & MR Room for AR/VR Lab

NSIC Technical Services Centre
The National Small Industries Corporation Ltd.
(A Government of India Enterprise)
Okhla, Industrial Estate, Phase III,
New Delhi-110020

Tel No. 011-26826801, 26826847
Fax: - 011-26826783
Email: ntscok@nsic.co.in
Website: www.nsic.co.in

INDEX

| S. No. | Description | Page Nos. |
|---------------|--|------------------|
| 1 | Title | 1 |
| 2 | Index | 2 |
| 3 | Notice Inviting Tender | 3-4 |
| 4 | Instructions to the Bidders | 5-13 |
| 5 | Details of requirements and technical specifications (Annexure – A) | 14-18 |
| 6 | Undertaking from Bidder (Annexure – B) | 19 |
| 7 | Format & Requirements for Submitting Technical Bid (Annexure –C) | 20-22 |
| 8 | Format & Requirements for submitting Commercial Bid (Annexure – D) | 23-24 |
| 9 | Indicative Diagram for VR Experience Zone | 25 |

NOTICE INVITING TENDER

The NSIC Technical Services Centre, Okhla, invites sealed tender in two bid system (Technical & Commercial bid in two separate envelopes) from eligible & qualified bidders of setting up of VR Experience Zone and MR Room for AR/VR training lab.

The details are summarized below: -

| | | |
|----|--|---|
| a) | Tender number | Reference number for inviting bids through this tender is NTSC/COMPTRG/AR-VR/2018/45(8) |
| b) | Eligible Bidder | As per the eligibility details placed in the tender at Para 2 of "Instructions to the Bidders" . |
| c) | Purchaser | The NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 which is one of the Technical Centre of National Small Industries Corporation. |
| d) | Usage of Experience Zone & MR Room | The purchaser would use in the training centre and shall be utilized for imparting skill/ entrepreneurship development training and rendering Services to the industries. |
| e) | Scope of Tender | Setting up of Experience Zone & MR Room |
| f) | Specification/ Details of works | The detailed specifications of works are specified in tender document placed at Annexure-A . |
| g) | Web page for details of tender | Web page: http://www.nsic.co.in/Tenders The prospective bidders are advised to visit the website periodically for any update in respect of this tender. No Separate advertisement/communication will be sent to the individual and/or parties. |
| h) | Addresses of supplies | The necessary setting to be done at NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 |
| j) | Earnest Money Deposit (EMD) along with Tender | Interest free, EMD of Rs. 20,000/- (Rupees Twenty Thousand Only) shall be submitted in the form of D.D. in favour of 'NSIC Ltd-NTSC A/C' payable at New Delhi and to be placed in the Technical Bid envelope while submitting the tender. Alternatively, EMD can be submitted through Online Banking Mode for which the details are given below in "Instructions to Bidders" section. UTR No. and date of the online banking transaction on letter head of the bidder is to be submitted in the Technical Bid envelope while submitting the tender. |
| k) | Exemption from the payment of EMD and Tender fee | The exemption for the payment of EMD as well as tender fee will be applicable under Rule 170 & 173 of General Financial Rules (GFR), 2017 for Micro & Small Enterprises (MSEs) as per the "Public Procurement Policy for Micro & Small Enterprises Order 2012". To claim the exemption, self- |

| | | |
|----|--|--|
| | | certified copy of valid certificate/proof of registration for the goods for which this tender floated, must be enclosed with Technical Bid. |
| l) | Cost of Tender Documents | The tender document can be collected from the office of the Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 in between the period from 13.01.2019 to 31.01.2020 between 10:30 hours to 15:00 hours against payment of Rs.590/- (Rupees Five hundred Ninety rupees only) (Non-refundable, Inclusive of GST) by way of demand draft, in favour of ' NSIC Ltd-NTSC A/C ' payable at New Delhi. Alternatively, tender document form can be downloaded from our website www.nsic.co.in from 10.01.2020 to 31.01.2020 . In case the tender document downloaded for submission of offer, the non-refundable tender fee of Rs.590/- in form of demand draft in favour of ' NSIC Ltd-NTSC A/C ' payable at New Delhi shall be enclosed with Technical Bid of the tender while submitting the tender or through Online Banking for which details are given below in "Instructions to Bidders" section. |
| m) | Last date of submission of bid | Tender must be delivered to the address below on or before 31.01.2020 up to 16:30 hours (Time) . The bids received after the due date and time shall be rejected. Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 |
| n) | Date of opening of Technical Bid (Envelope-1) | The technical bid for the tender shall be opened on 31.01.2020 at 17:00 hours at the address as under: Office of the Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 |
| o) | Date of opening of Commercial Bid (Envelope-2) | The date for opening second envelope containing Commercial Bid will be intimated to the technically qualified bidders separately. |

Note: In case of any further details required, the same can be collected from the office of the Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 from **10.01.2020** To **31.01.2020**(except Saturday & Sunday) between 10:30 hours to 15:00 hours.

Centre-Head,
NSIC-Technical Service Centre,
(A Government of India Enterprise),
Okhla Industrial Estate Phase III,
(Near Govindpuri Metro Station),
New Delhi-110020

INSTRUCTIONS TO THE BIDDERS

The Tender shall be submitted in accordance with these instructions, as under.

1. Abbreviations:

Throughout this tender document, the word/ term:

- a) "NTSC" means NSIC-Technical Services Centre
- b) "NSIC" means The National Small Industries Corporation Ltd.
- c) "day" means Calendar day
- d) "working day" means Monday to Friday in week
- e) "tender" means tender number NTSC/COMPTRG/AR-VR/2018/45(8).
- f) "Works" means the setting up/Creation as detailed at Annexure-A.
- g) If context so requires, "singular" means "plural" and vice versa.
- h) "EMD" means Earnest Money Deposit, without interest.
- i) "Purchaser" means The National Small Industries Corporation Ltd
- j) "Bid" means the document and financial details submitted by bidder in response to this tender.
- k) "Bidder" means the eligible and qualified bidder i.e. Original Equipment Manufacturers / Authorized Distributors/ Authorized Dealers.
- l) "OEM" means Original Equipment Manufacturer

2. Eligible Bidder:

- a) The intending Bidder, in case of Original Equipment manufacturers shall submit a self-declaration on their letter-head, along with the Technical Bid, confirming that they are regular in building/supplying the similar work, as asked in this tender, for the last three (03) years.
- b) The bidder shall possess ISO Certificate for their establishment. The copy of the valid ISO Certificate shall be placed with the Technical Bid.
- c) The intending bidder has never made any default in supplying to Government / Semi Government/ Central or State Public sector enterprise(s) for any reasons in the last three years.

3. Scope of Supplies:

- a) The material shall be supplied in compliance to the specifications mentioned in Annexure- A of the tender document.
- b) **The specifications of the VR Experience zone and MR Room as mentioned in the Annexure-A are the minimum requirements of tender, however higher specifications may be considered subject to their cost economics i.e. competitiveness in financial terms for the address of supply.**
- c) The successful bidder has to execute the setting up of VR Experience zone and MR Room in the designated site(s) at the address. No extra cost shall be paid for this purpose.
- d) The successful bidder shall give on-site comprehensive warranty for minimum one years from the date of successful commissioning of VR Experience zone and MR Room at the designated address. The purchaser is not liable to pay any extra charges on any account during warranty period.

4. Address of supplies:

- a) The details of addresses where the works to be performed through this tender are as under:

| # | Location | Address for supplies |
|---|--------------------------|---|
| 1 | NTSC-Okhla, New Delhi | NSIC-Technical Service Centre, Okhla Industrial Estate Phase III, (Near Govindpuri Metro Station), New Delhi-110020 |

5. Special Provision for Micro & Small Enterprises:-

Micro and Small Enterprises (MSEs) participating in the tender will be given benefit as per Public Procurement Policy, 2012. Further, the MSEs owned by SC/ST/Women entrepreneurs will also be given benefits as per Public Procurement Policy, 2012. The definition of MSEs owned by SC/ST/Women is as given under:

- a) In case of proprietary MSE. Proprietor shall be SC/ST/Women
- b) In case of partnership MSE, the SC/ST/Women partners shall be holding at least 51% shares in the unit
- c) In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters. Document to claim benefits shall be enclosed in Technical Bid.

6. Delivery

- a) The purchaser expects to complete the setting up of VR Experience zone and MR Room by the successful bidder within sixty (60) calendar days from the date of issue of supply order at the designated address. However, the bidders have an option to submit the best delivery time while submitting the Technical Bid, but in any case, the delivery should be before 60 days from the date of issue of supply order by purchaser.
- b) The successful bidder shall not be allowed for part shipments and/or trans-shipments without the permission of purchaser.

7. Comprehensive Warranty

- a) The successful bidder shall offer on-site comprehensive warranty of setting up of VR Experience zone and MR Room for **one year** from the date of successful installation. The purchaser is not liable to pay any extra charges on any account during warranty period.

8. After Sales Services

- a) The successful bidder shall ensure to render after sales services during the comprehensive warranty period (1 year) to the satisfaction of purchaser.

9. Tender documents:

- a) The tender document can be collected from the office of the Centre-Head, NSIC- Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III, (Near Govindpuri Metro Station), New Delhi-110020 in between the period from **10.01.2020 to 31.01.2020** (Except Saturday & Sunday) between 10:30 hours to 15:00 hours against payment of Rs. 500/-+18%GST = Rs.590/- (Rupees Five hundred and Ninety only) (Non-refundable, inclusive of GST) by way of demand draft, in favour of NSIC Ltd-NTSC A/c payable at New Delhi.
- b) Alternatively tender form can be downloaded from our website www.nsic.co.in from **10.01.2020 to 31.01.2020**. In case the tender downloaded for submission of offer, the tender fee of Rs. 590/- in form of demand draft in favour of NSIC Ltd-NTSC A/c payable at New Delhi, shall be enclosed with Technical Bid of the tender while submitting the tender.

The other option is to pay Rs.590/- by RTGS/NEFT to the bank of purchaser as detailed under:

| ACCOUNT NAME | BANK NAME | BANK A/C NO. | BANK IFSC CODE |
|-------------------|--|------------------|----------------|
| NSIC LTD.NTSC A/C | PUNJAB NATIONAL BANK, OKHLA, NEW DELHI | 0602002100009880 | PUNB0060200 |

The bidder is requested to attach the UTR No. / Bank Statement / RTGS Slip in the Technical Bid, to prove the transfer of payment to the purchaser's Account.

- c) At any time prior to the deadline for submission of bids, the Purchaser may amend the Tender Documents by issuing addendum/ corrigendum which will be placed on website only. The prospective bidders are advised to visit the Website (www.nsic.co.in) for any update in respect of this tender.

10. Authorization for Submission of Tender:

- a) The original and all copies of the bid shall be signed and stamped, on every page, by a person duly authorized to sign on behalf of the Bidder. The written confirmation of authorization (in form of letter on the bidder's letter head) to sign on behalf of the bidder confirming the signature as a person duly authorized to sign should be attached with the technical bid of the tender.
- b) The person signing the tender document or any other documents on behalf of the Bidder shall be deemed to warrant that he has authority to bind the Bidder. If it subsequently comes to light that the person so signed had no authority to do so, the purchaser may without prejudice to any, consider civil & criminal remedies cancel the tender and hold the Bidder liable for all costs, charges and damages.

11. Earnest Money & Tender Fees:

- a) The EMD shall be submitted in the first envelope super-scribed as "Technical Bid", of prescribed amount by way of Demand Draft drawn in favour of "**NSIC Ltd-NTSC A/C**", or online banking mode, only for the setting up of VR experience Zone and MR Room, quoted by the Bidder. No cash towards EMD shall be accepted. The bids without EMD from the Bidders shall be rejected.
- b) In case tender documents downloaded from website, Tender Fee of Rs. 590/- shall be submitted by way of D.D. drawn in favour of "NSIC Ltd-NTSC A/c" along with the Technical Bid of the tender documents. Tender fee is non-refundable. The option for payment of EMD/Tender fees by RTGS/NEFT is also available and bank details of purchaser, are as under:

| ACCOUNT NAME | BANK NAME | BANK A/C NO. | BANK IFSC CODE |
|-------------------|--|------------------|----------------|
| NSIC LTD-NTSC A/C | PUNJAB NATIONAL BANK, OKHLA, NEW DELHI | 0602002100009880 | PUNB0060200 |

The bidder is requested to attach the UTR No. /Bank Statement / RTGS Slip in the Technical Bid, to prove the transfer of payment to the purchaser's Account.

- c) The exemption for the payment of EMD/tender fee will be applicable under Rule 170 & 173 of General Financial Rules (GFR), 2017 for Micro & Small Enterprises (MSEs) as per the "Public Procurement Policy for Micro & Small Enterprises Order 2012". To claim the exemption, self-certified copy of valid certificate/proof of registration for the goods for which this tender floated, must be enclosed with Technical Bid.
- d) The Purchaser shall not be liable for payment of any interest on Tender fees.

12. Submission of Bid:

- a) The prospective bidders should examine all instructions, forms, terms and specifications in the tender documents and to furnish with its bid all documents or information as required by bidding/ tender document.
- b) The language for all the correspondence and documents related to this tender shall be in English/ Hindi only. Moreover, the printed literature/technical details for the material shall also be in English/ Hindi.
- c) The bid must be placed in a properly sealed bigger envelope addressed to The Centre-Head, NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, New Delhi and the said bigger envelope shall contain two sealed envelopes, each containing, Technical & Commercial bids, respectively. The bigger envelope must be super-scribed "Tender for Setting up of VR Experience zone and MR Room for AR/VR Lab" with tender inquiry number and its due date. The two sealed envelopes inside the bigger envelope must be super-scribed as:

Envelope No-1: The said envelope is for technical bid & shall be super-scribed as "Tender for the Setting up of VR Experience zone and MR Room for AR/VR Lab - Technical Bid".

Envelope No-2: The said envelope is for commercial bid & shall be super-scribed as "Tender for the Setting up of VR Experience zone and MR Room for AR/VR Lab - Commercial Bid".

- d) If both or either of the envelopes are not sealed and marked as required, the Purchaser shall not be responsible for the misplacement or premature opening of the bid.

- e) All the columns of the tender document/form shall be duly, properly and exhaustively filled in. Any cutting/over writing etc. in the tender document/form must be signed by the person who is signing the tender/bid.
- f) Tenders received in open covers/ letters/ fax/ email will not be considered.

13. Commercial Bid Submission:

- a) Bidder shall take into account all costs including Packing, Freight, Transportation, Insurance Cost including unloading of material at the address of the purchaser at site as detailed at Para 4 of "Instructions to the Bidder" before quoting the "Price before GST" in the Commercial Bid.
- b) The "Price before GST" shall remain firm & inclusive of all costs involved for the delivery to the destination(s) including the cost mentioned in Para 16(a) as above, also include the cost of Installation at destination (as detailed at Para 3(c & d) of "Scope of Supplies" of this tender) and Cost of services to be provided during Comprehensive Warranty of one years.
- c) **No extra payment or revision of "Price before GST" shall be accepted on account of any discrepancy in nomenclature of items. The prospective bidders are advised to seek clarification, if any, desired before submitting the bid.**
- d) No representation for the revision of the quoted "Price before GST" shall be considered till the supplies are completed to the designated location(s).

14. Last date of submission of Bid:

- a) The **bid should reach the office of the** Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 **by 31.01.2020 up to 16:30 hours.**
- b) The purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Tender Documents, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended. The prospective bidders are advised to remain in touch with website for any update in respect of this tender.
- c) The purchaser shall not consider any bid that submitted/received after the deadline
i.e. date and time for submission of bids. Any bid received by the Purchaser after the deadline for submission of bids shall not be considered and shall be rejected.

15. Rights of Purchaser:

- a) It may be noted that the Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III, (Near Govindpuri Metro Station), New Delhi-110020, without assigning any reason whatsoever, reserves the right to cancel the procurement even after calling the offers from bidders but before the issue of supply order to execute the supply by the successful bidder. The reason for cancellation of supply would not be disclosed and the bidder has no right to ask for so.
- b) The Purchaser reserves the right to accept or reject any bid, without assigning any reason, thereof, and to annul the bidding process and reject all bids at any time prior to supply order, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically Bid document shall be returned to the Bidders.

16. Opening of Technical Bid:

- a) The technical bid of tenders will be opened at office of Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 on **31.01.2020** by **17:00 hours**. The Bidder or their authorized representative (One person only) may be present at the time of opening of the Bid.

17. Opening of Commercial Bid:

- a) The Commercial Bid of only technically qualified bidders will be opened on the stipulated date. The date & time for opening of Commercial Bid shall be intimated to the technically qualified bidders through email, after the evaluation of Technical Bid.

18. Validity of Tender:

- a) The tender shall be valid for a period of 90 days from the date of opening of the Technical Bid of this tender. Terms and financial details submitted in the bid shall be treated as firm during the said period of 90 days.
- b) In exceptional circumstances, prior to the expiry of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.

19. Evaluation of Bids:

- a) **The bids are evaluated item wise and Unit price before GST.**

If there is discrepancy between the amounts quoted in Commercial Bid in the column "Unit Price before GST" and the amount reflected in column "Total price before GST" which the multiplication of quantity is offered for supplies with "Unit Price before GST", the "Unit Price before GST" shall prevail. Accordingly, the Total price before GST shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.

- b) If there is an error in a total corresponding to the addition or subtraction of sub totals, the subtotals shall prevail and the total shall be corrected; and
- c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- d) To assist in the examination, evaluation, comparison of the bids and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing only.
- e) If the Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid shall be rejected.
- f) The Purchaser shall compare the "Unit Price before GST" of all the responsive bids to determine the lowest bid for a particular address.
- g) The bidder shall note that they are not supposed to put any GST amount in the Commercial Bid. However, after the supplies, they have to issue the GST invoice indicating the Price as quoted in the Commercial Offer and thereafter

- h) Specify the GST as applicable at the time of delivery. The Purchaser shall pay total amount which includes the unit price as well as the GST as applicable at the time of delivery.
- i) The Purchaser is authorized to ask the evidence from bidder to counter-check that the GST as claimed by the bidder at the time of issue of invoice after the supply.

20. Earnest Money Forfeit:

- a) If any Bidder withdraws his bid/tender before the period of 90 days from the date opening of technical bid or makes any modifications in the terms and the conditions of the tender which are not acceptable to the purchaser, then the purchaser shall, without prejudice to any other rights or remedy, be at liberty to forfeit the EMD.
- b) The EMD will also be forfeited in following cases:
- If the successful bidder fails to accept, the supply order issued, based on his/her offer (bid) within the prescribed time.
 - If the successful bidder fails to supply with specifications as mentioned in Annexure -A
 - If the successful bidder delays supplies beyond a reasonable time resulting in disruption of project.
 - Successful Bidder for any reason whatsoever withdraws the tender after it is accepted or become unable or fails to execute the supply orders within stipulated delivery period.
 - Submission of misleading/contradictory/false statement or information and fabricated/invalid documents is detected before or after the issue of order to execute the supplies.

21. Notification of Award:

Prior to the expiry of the period of bid validity, the purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter shall specify the sum that the Purchaser will pay to the bidder in consideration of the works with the details of selected location.

22. Delivery Time:

- a) The bidder shall indicate the period within which the ordered quantity will be supplied. The bidder shall note that in case bidder fails to supply within the period of delivery indicated by the bidder in technical bid of this tender, penalty @0.5% of value of the order per week of delay would be levied subject to maximum 4 weeks. It means, the bidder shall have the liability of delayed supply to the maximum of 4 weeks after expiry of scheduled delivery date. After that the supply order shall be cancelled.
- b) The successful Bidder shall, within a week from the date of receipt of communication of acceptance of quotes from purchaser shall intimate his acceptance of the order. The successful bidder shall complete supplies strictly as per the accepted delivery period.

23. Payment:

- a) The 70% payment of total bill will be made by the purchaser along with interest free EMD by crossed account payee cheque/ RTGS/ NEFT for which the bidder shall send bills in duplicate (original + copy) after the Setting up of VR Experience zone and MR Room, giving the reference number of the supply/purchase order along with copies of delivery note & satisfactory report on the Installation, from designated purchaser department. The details about the designated purchaser department, who is

authorized to take the delivery shall be informed to the successful bidder through the supply order placed.

- b) The 20% payment of total bill will be released to successful bidder after one month from the date of installation.
- c) The remaining 10% payment will be retained and shall be released against submission of Performance Bank Guarantee, issued by Nationalized Bank, by the successful bidder of equal value of 10% with validity of one year from the date of installation.

24. Causes of Rejection of Bid:

- a) While submitting the Bid, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the Bid shall be rejected.
- b) If any Bidder stipulates any condition of his own, such conditional Bid shall be liable to be rejected.

25. Claims:

- a) If the materials supplied are found to be of different than those in the accepted offer and are of versions lower than those stipulated in the accepted offer, the purchaser shall have right to totally reject the material and/or to claim for compensation from successful bidder. The successful bidder shall pay to purchaser, the claim demanded in writing within 15 (fifteen) days of its demand. The bidder shall also compensate for losses, if any, sustained by purchaser due to lower specification/defective packing etc.
- b) The successful bidder shall be responsible for arranging the rejected material to be removed from purchaser premises.

26. Address for communication:

All the communication with respect to the tender shall be addressed to:

Centre-Head,
NSIC-Technical Service Centre,
(A Government of India Enterprise),
Okhla Industrial Estate Phase III,
(Near Govindpuri Metro Station), New Delhi-110020
Ph: 011-26826801, 26826847; Fax: - 011-26826783
Email: ntscok@nsic.co.in
Website: www.nsic.co.in

27. Force Majeure:

In the event of any unforeseen circumstances directly interfering with the supply of equipment/work/service arising during the execution of order such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, earthquakes, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the successful Bidder shall, within 7 working days, from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days "notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other.

28. Code of Ethics:

The Purchaser as well as the Bidder shall observe the highest standard of ethics including laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988", during the procurement or execution of such contracts. If the bidders are found in Bid pooling, cartelization or against law on fraud and corruption then their firms may be blacklisted.

29. Jurisdiction:

In the event of any dispute the legal matter shall be subjected to the jurisdiction of the court at Delhi.

We confirm with our acceptance to the instructions (S. No. 1 to 29 above) as given above.

BIDDER'S NAME & SIGNATURE WITH SEAL

The duly signed pages of "Instructions to the Bidders" as above shall be attached with technical bid of the tender as a mark of acceptance of bidder and any bid/ tender not confirming the instructions as above, is liable to be rejected.

ANNEXURE-A

**Details of requirements and technical specifications for the
Setting up of VR Experience zone and MR Room for AR/VR Lab**

| S.No. | Name | Technical Specification |
|-------|--------------------------------------|--|
| 1 | Setting up of VR Experience Zone | As indicated in the below Table-I & the Indicative diagram in Annexure-E |
| 2 | Setting up of MR(Mixed Reality) Room | As indicated in the below Table-II |

Table-I (Technical Specifications for VR Experience Zone)

| ITEM | ITEM DESCRIPTION | Qty. |
|--------------------------|--|------|
| I- VIDEO SYSTEMS | | |
| 1 | Projector Active 3D Projector: Product Technical Specifications Projection System: Epson 3LCD, 3-chip optical engine Projection Method: Front / Rear / Ceiling mount Driving Method: Epson Poly-silicon TFT Active Matrix, 0.74-inch wide panel with MLA Pixel Number: 2,073,600 dots (1920 x 1080) x 3 Color Brightness: Color Light Output:- 2400 lumens White Brightness: White Light Output: -2400 lumens Aspect Ratio: Native 16:9 widescreen Compatible with 4:3 Native Resolution: 1080p (1920 x 1080) Resize: 16:10, 4:3 Lamp Type: E-TORL™ 230 W UHE Lamp Life: ECO mode - Upto 5000 hours Normal mode - Upto 4000 hours Ceiling Mounting Kit for Projector with 20 mtr. Heavy Duty good quality HDMI cable, C-HM/HM/PRO HDMI cable delivers high-speed, high-performance digital video and audio with impeccable impedance stability, low skew, high signal integrity, & noise immunity for up to 4K@60Hz (4:4:4). | 1 |
| 2 | Projection Screen Fixed Frame Projection Screen: Matte white, Dust-Resistant, Mildew resistant, Projection surface, high gain (>2) & viewing angle Size: 12'x6'.9". | 1 |
| 3 | 3D Glasses Crystal-clear 3D entertainment Sleek, lightweight design; remarkable coverage Easily adjustable; fits over most eyeglasses Product Technical Specifications RF 3D Glass rechargeable up to 40 hours, plus 3-minute quick charge 3D glasses - active shutter 1 Lithium ion batteries required. Product Dimensions: 38.4 x 32.3 x 9.1 cm Includes Rechargeable Battery | 15 |
| II- AUDIO SYSTEMS | | |

| | | |
|---|--|----|
| 1 | Amplifier: Mixing amplifier 120W @ 100V / 70V /4Ω, 2 mic / line inputs, 4 Music Input, 4-level priority, 24VDC Output for priority override, black | 1 |
| 2 | Speaker Ceiling: Two-way in-ceiling loudspeaker, 8" LF & 1" Tweeter, 20 Watts / 100V & 16Ω/100 Watts, 50Hz - 20KHz,with Magnetic grill, White OR Wall: Design cabinet speaker, 5.25" coated paper cone woofer + 1" silk dome tweeter, 100v/30Watts or 16Ω/80Watts, mounting bracket included, color - black | 6 |
| 3 | Rack: Equipment Rack for housing all rack mountable equipment's with internal wiring, front glass door; heat dissipation fans; movement wheels, power distribution units etc. | 1 |
| III-CABLES & OTHER ACCESSORIES | | |
| 1 | 15 mtr Heavy duty good quality HDMI Cable | 1 |
| 2 | 15 mtr Heavy duty good quality VGA Cable | 1 |
| 3 | 17 AWG Heavy duty good quality Speaker Cable | 50 |
| 4 | Ceiling Mount Kit Heavy duty good quality size-2'+2' | 1 |
| 5 | Face Plate HDMI, VGA, Audio -01, | 1 |
| 6 | XLR M to XLR F Cable 1.5 Mtr | 2 |
| IV- UPS | | |
| 1 | 2 KVA (Single Phase) UPS with inbuilt battery Power Capacity: 1600 W / 2000 VA True double-conversion online UPS. Wide input voltage range (110 - 300 Vac). RS-232 port or intelligent slot for remote control. Multi-function LCD status and control console Model: SRV2KL-IN Waveform (Battery Mode): Pure Sinewave Output Connections: (4) 5-pin India socket | 1 |
| 2 | Battery SMF VRLA 12V Batteries for Approx.15Min back up along with battery housing racks, interconnecting links. DC Cable (10 Mtrs. Standard) 12V, 26 AH | 20 |
| VI-Furniture | | |
| 1 | Retractable Seating Solution - 15 Seater. | 1 |
| 2 | Medium Back Chair (TASK CHAIR) Model: Charm IMF-7004 as per photograph. Chair Back : The back of the chair is upholstered with net. Back shall have lumbar support. Chair Seat : The Seat of the chair is upholstered with Fabric and cut foam on 12mm thick BWP Plywood. The chair shall have deep cushioned in seat comfort to body contours for proper alignment, posture and all day comfort. Base : The chair is featured with Synchro Tilt mechanism with locking system and Nylon Base. The prong (base) is made of Nylon. The telescopic bellow is 3 piece telescopic type and injection molded in black polyurethane. Gas lift : The chair is featured with Gas lift mechanism for Seat height adjustment. Arm rest : PU Height adjustable arm rest. Castors : fitted with 5 nos. twin wheel nylon castors (castor wheel dia50mm). | 1 |
| 3 | Storage | |

| | | |
|----------------------------------|---|---|
| | Storage with top is made up of 25 mm thick plpb with 2mm thick pvc edge banding tape. Storage carcass & shutter is 18mm thick plpb having Openable shutter with locking arrangement & 18mm thk. pre laminated particle board Shelves Size: 900 (w) X 450 (d) X 750 (ht)mm | 1 |
| 4 | Podium | |
| | PODIUM. Size: 915(w1) x 915(w2) x 388(d) x 1100(ht)mm. The top shall be made out of 25 mm thick Pre-Laminated Particle Board of approved shade, design and colour. All exposed edges are sealed with 2mm thick pvc edge banding tape pressed at 200 degree C with hot melt glue on special machines. The understructure shall be made out of 18 mm thick Pre-Laminated Particle Board. The Podium is having 18mm thk open Shelf For Keeping Storage. All exposed edges are sealed with 2mm thick pvc edge banding tape pressed at 200 degree C with hot melt glue on special machines. Wire Management - Metal Flipper of 400 x 120mm size without switch socket is fixed on base | 1 |
| VII- Interiors/Furnishing | | |
| 1 | Carpet Flooring | |
| | Providing & Installing 20" x 20" /24"x24" Carpet Tiles tufted textured yarn carpet tiles 47.24/10cm Machine Gauge, having antimicrobial, soil & stain resistant properties and of Commercial Heavy Duty grade with Glasbac backing. | 1 |
| 2 | False Ceiling | |
| | Grid system false ceiling with simple plain design. Rate includes all material & labor (Cost varies according to design). | 1 |
| 3 | Sound Proofing | |
| | 25 mm acoustic fabric panels rectangular/square with Gi frame structure | 1 |
| 4 | Paint/ Finishing of Room | |
| | Good quality luster painting work. Involves sanding, application of primer, putty, fine sanding, second hand of primer & 2 coats of paints. Rate includes all labour & material. | 1 |
| 5 | Electrical Fittings | |
| a. | Wiring 2 mm, 4mm etc concealed Electrical point. Includes all material & labour work. End to end wiring & installation of Modular switch board. Rate does not include top light fittings. | 1 |
| b. | Room Lights: One LED Recessed sleek panel light suitable for 600x600 module with integrated edge lit. LEDs install with high efficient low glare sheet for optimum light distribution. | 4 |

Table-II (Technical Specifications for MR Room)

| ITEM | ITEM DESCRIPTION | Qty |
|---|--|-----|
| I-CABLES & OTHER ACCESSORIES | | |
| 1 | 15 mtr Heavy duty good quality HDMI Cable | 1 |
| 2 | 15 mtr Heavy duty good quality VGA Cable | 1 |
| 3 | Screen Mirroring Device | 1 |
| 4 | 2port HDMI Splitter | 1 |
| II- UPS | | |
| 1 | 2 KVA (Single Phase) UPS with inbuilt battery Power Capacity: 1600 W / 2000 VA True double-conversion online UPS. Wide input voltage range (110 - 300 Vac). RS-232 port or intelligent slot for remote control. Multi-function LCD status and control console Model: SRV2KL-IN. Waveform (Battery Mode): Pure Sine wave. Output Connections: (4) 5-pin India socket | 1 |
| 2 | Battery: SMF VRLA 12V Batteries for Approx.15 Min back up along with battery housing racks, interconnecting links. DC Cable (10 Mtrs. Standard) 12V, 26 AH | 20 |
| III-Furniture | | |
| 1 | Medium Back Chair (TASK CHAIR) Model: Charm IMF-7004 as per photograph. Chair Back: The back of the chair is upholstered with net. Back shall have lumbar support. Chair Seat: The Seat of the chair is upholstered with Fabric and cut foam on 12mm thick BWP Plywood. The chair shall have deep cushioned in seat comfort to body contours for proper alignment, posture and all day comfort. Base: The chair is featured with Synchro Tilt mechanism with locking system and Nylon Base. The prong (base) is made of Nylon. The telescopic bellow is 3 piece telescopic type and injection molded in black polyurethane. Gas lift: The chair is featured with Gas lift mechanism for Seat height adjustment. Arm rest: PU Height adjustable arm rest. Castors: fitted with 5 nos. twin wheel nylon castors (castor wheel dia 50mm). | 8 |
| 2 | Discussion Round Table Size: 900(Dia) x 750(Ht)mm. WorkTop - Table top made up of 25mm thick prelaminated particle board with 2mm thick pvc, edge banding tape. Understructure - Understructure of 50x50mm Droit Legs duly MS powder coated on both sides with connecting beam. | 2 |
| 3 | Storage Storage with top is made up of 25 mm thick plpb with 2mm thick pvc edge banding tape. Storage carcass & shutter is 18mm thick plpb having Open- able shutter with locking arrangement & 18mm thk. pre laminated particle board shelves Size:- 900(w) x 450(d) x 750(ht)mm | 1 |
| 4 | Podium(Please modify the dimensions for 300 SFT Zone) Size: 615(w) x 410(D) x 1200(Ht)mm. The top shall be made out of 18 mm thick Pre-Laminated Particle Board of approved shade, design and color. All exposed edges are sealed with 2mm thick pvc edge banding tape pressed at 200 degree C with hot melt glue on special machines. The understructure shall be made out of 18 mm thick Pre-Laminated Particle Board. The Podium is having 18mm thk open Shelf For Keeping Storage. The Podium is having 18mm thk. PLPB Keyboard Tray. All exposed edges are sealed with 2mm thick pvc edge banding tape pressed at 200 degree C with hot melt glue on special machines. | 1 |
| IV- Interiors/Furnishing | | |
| 1 | Carpet Flooring Providing & Installing 20" x 20" /24"x24" Carpet Tiles tufted textured yarn carpet tiles, 47.24/10cm Machine Gauge, having antimicrobial, soil & tain resistant properties and of Commercial Heavy Duty grade with Glasbac backing. | 1 |
| 2 | False Ceiling Grid system false ceiling with simple plain design. Rate includes all material & labour (Cost varies according to design). | 1 |

| | | |
|---|--|---|
| 3 | Civil Work for Partition include all labor and cost Size: 15ft x 30ft, | 1 |
| 4 | Paint/ Finishing of Room Good quality luster painting work. Involves sanding, application of primer, putty, fine sanding, second hand of primer & 2 coats of paints. Rate includes all labour & material. | 1 |
| 5 | Decorative Wall Panel Formaldehyde-free, Moisture Resistant, Rot Resistant, Tongue and Groove Brightens and decorates interior walls. Wall Paneling features ultra- ealistic effects, both in appearance and texture. Easy to install and ideal to warm up the ambiance of your living spaces. These easy to use angels can be installed with double sided tape, finishing nails, glue, such as Liquid Nails, or a staple gun. | 2 |
| 6 | Electrical Fittings Wiring 2 mm, 4mm etc concealed Electrical point. Includes all material & labour work. End to end wiring & installation of Modular switch board. Rate does not include top light fittings. | 1 |
| 7 | Room Lights One LED Recessed sleek panel light suitable for 600x600 module with integrated edge lit LEDs. Install with high efficient low glare sheet for optimum light distribution. | 2 |

ANNEXURE –B

(Undertaking from Bidder on their official stationery)

To,
The Centre Head,
NSIC-Technical Services
Centre, Okhla Industrial
Estate, Phase-III,
(Near Govindpuri Metro station)
New Delhi-110020.

Sir,
Subject: Undertaking for the participation in the tender No.NTSC/COMPTRG/
AR- VR/2018/45(8) due for opening of **technical bid 31.01.2020**

Dear Sir,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. Notice Inviting Tender
2. Instructions to The Bidders
3. Technical Specifications (Annexure-A)
4. Annexure – C (Technical Bid)
5. Annexure – D (Commercial Bid)

I/Wedo hereby submit the above Bid in prescribed formats duly completed in all respects in accordance with the conditions applicable. If this tender is accepted, I/We undertake to abide by and fulfil all the terms and conditions in the tender documents

I/We hereby distinctly and expressly declare and acknowledge and undertake that before the submission of this Bid, I/We have carefully read and followed the instructions and I/We have understood the existing system of supply at the address(es) of purchaser including the scope and nature of duties expected from the Bidder.

I/We distinctly undertake that I/We would hereafter make no claim or demand upon the purchaser based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

I/ We undertake & declare that our unit has never made any default in supplying the equipment/works to Government / Semi Government/ Central or State Public sector enterprise(s) for any reasons in the last three years.

Any notice required to be served on me/us shall be sufficiently served on me/us through email or post (registered or ordinary) or courier or left at my/our address furnished herein.

.....
I/We fully understand the terms and conditions in the tender documents.
I/We understood that the purchaser is not bound to accept any proposal that it may receive without assigning any reason.

Dated this.....day of.....2020

Authorized Signatory
Seal:

ANNEXURE-C_

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

1. Tender Ref. No:

2. Name of Bidder:

3. Complete office address/contact numbers/Email ID/Mobile Number of Bidder:

4. Tender fee payment details (if tender document downloaded from website)
Details of DD/ RTGS/ NEFT by which Tender fee paid.....
.....

5. EMD payment details (Not applicable if the bidder is holding valid registration/ exemption certificate, as per Para 13 (c) of Instruction to Bidders): Details of DD/RTGS/NEFT by which EMD paid
.....

6. Confirmation of acceptance of Technical Specifications.

| # | Name of Work | Technical Specifications | Acceptance to the specification as placed at Annexure-A and agreed to supply with required Quantity (write YES/ NO only) | If marked "NO" in the column before, specify the deviation in specification of the Devices offered for the supply. |
|---|--------------------------------------|--------------------------|--|--|
| 1 | Setting up of VR Experience Zone | As Indicated in Table-I | | |
| 2 | Setting up of MR(Mixed Reality) Room | As Indicated in Table-II | | |

7. Confirmation for supply to the address:

| # | Details | Address |
|---|--|--|
| | | Centre-Head, NSIC-Technical Service Centre, (A Government of India Enterprise), Okhla Industrial Estate Phase III,(Near Govindpuri Metro Station),New Delhi-110020 |
| | Tentative quantity required | Ref. Annexure-A (Table-I & II) |
| | Consent to supply: (write YES/ NO only) | |

8. PAN of bidder (**self-attested copy to be enclosed**)

9. GSTIN registration number of bidder (**self-attested copy to be enclosed**)
.....

10. **Delivery period after receipt of supply order from purchaser: (*The purchaser is expected to complete the works by the bidder within sixty (60) calendar days from the date of issue of supply order. However, the bidder has an option to submit the best delivery time, but in any case, the delivery should be before 90 days from the date of issue of supply order by purchaser. Delivery to be completed in number of days..... (Calendar Days In figure) (Calendar Days in words) for delivery from the date of issue of supply order by purchaser.*)**

11. **Details of address with contact details from where the bidder planned to offer After Sales Services during the Warranty period:**

| # | Address |
|---|--|
| | NSIC-Technical Service Centre, Okhla Industrial Estate Phase III, (Near Govindpuri Metro Station), New Delhi-110020. |
| Details of address of bidder for rendering 'After Sales Services' | |

12. **Documents** - Details to be enclosed with the Technical bid by bidder are as under:

- The bidder shall submit a self- declaration on their letter-head, confirming that they are regular in supplying/performing the similar works, as asked in this tender, for the last Three (03) years.
- The bidder shall attach the self-certified copy of valid ISO Certificate for their establishment.
- To avail benefit of Public Procurement Policy by SC/ST Micro & Small Enterprises, the requirement of documents to substantiate their claim (As per Para 5 of this tender) shall be submitted with Technical Bid.
- Undertaking as per annexure-B on official stationery.

- e) Duly signed all pages of "Instructions to Bidders" of the tender document as a mark of acceptance.
- f) Technical Literature of material with particular reference to proposed to supply against this tender along with reference of website to assess the further features.
- g) Authorization letter in favour of their representative to sign the tender on behalf of bidder.
- h) Self-certified copy of valid certificate for claiming Tender Fee exemption (if applicable).
- i) Self-attested copy of valid GSTIN registration.
- j) Self-attested copy of valid PAN.
- k) In case the tender downloaded from website, then either the Demand Draft towards tender's fees or UTR number and date for the transfer of tender fees shall be enclosed with the technical bid.

I/We as bidder agree and certify that:

- i) The Bid submitted through this tender shall remain valid for acceptance for 90 days from the date of opening the Technical Bid of the tender.
- ii) Agree to offer services for onsite comprehensive warranty for minimum one year for the works performed through this tender.
- iii) No price of any work/material shall be given in Technical Bid.

Name & Signature of the authorized bidder with
stamp Contact details of authorized person of bidder who have signed
the tender.

Name.....
Designation.....
Phone (office).....
Phone (Mobile)
E mail.....

Annexure – “D”

FORMAT FOR SUBMISSION OF COMMERCIAL BID

1. Tender Ref. No: NTSC/COMPTRG/AR-VR/2018/45(8).
2. Name of the Bidder:
3. The commercial offer to execute the supply as per the tender:
Offered financials for the Supply& Installation at site with commitment to offer on site after sales Services in the period of Warranty as agreed in technical bid of the tender no. NTSC/COMPTRG/AR-VR/2018/45(8)
4. **Setting up of VR Experience Zone & MR Room at NTSC-Okhla:**

| Sl no | Item Details (Ref. Annexure-A for Specifications) | Unit Price before GST of single unit (In Rs.) | Quantity to be supplied (In No.) | Total Price of before GST (Multiply column no 2 and 3) (In Rs.) |
|-------|--|--|--|---|
| | 1 | 2 | 3 | 4 |
| 1 | Setting up of VR Experience Zone (Ref. Annexure-A, Table-I for Specifications & the Indicative diagram in Annexure-E) | | 1 | |
| 2 | Setting up of MR Room (Ref. Annexure-A, Table- II for Specifications) | | 1 | |

The following to be noted while submitting financial details for the supply to the individual address:

- a. The competitiveness of bid shall be made on address of supply basis on the evaluation of Item wise “Unit Price before GST”.
- b. The Purchaser shall compare the “Unit Price before GST” of all the responsive bids to determine the lowest bid for a particular Item.
- c. The bidder shall note that they are not supposed to put any GST amount in the Commercial Bid. However, after the supplies, they have to issue the GST invoice indicating the Price as quoted in the Commercial Offer and thereafter specify the GST as applicable at the time of delivery. The Purchaser shall pay total amount which includes the unit price as well as the GST as applicable at the time of delivery.
- d. The Item wise Cost quoted above should be inclusive of Basic Price, Transportation, Incidental Services (including Insurance, Loading/ Unloading, Packing & Forwarding charges etc.), Installation, on-site comprehensive warranty for one year.
- e. The Purchaser reserves the right to ask the evidence from bidder to counter-check that the GST as claimed by the bidder at the time of issue of invoice after the supply.

- f. The bidder will not be entitled to any increase in Unit Price before GST occurring during the period of delivery for any reason.
- g. The "Unit Price before GST" should be inclusive of all costs involved for the delivery to the destination(s) including the cost of Installation at destination.
- h. No extra payment or revision of "Price before GST" shall be accepted on account of any discrepancy in nomenclature of items. The Bidder is advised to seek clarification, if any, desired before submitting the tender/ bid.
- i. The competing bids of "Unit Price before GST" shall be given due consideration as the Commercial Bid would be evaluated on the basis of Item wise lowest price.

I/We as bidder agree and certify that:

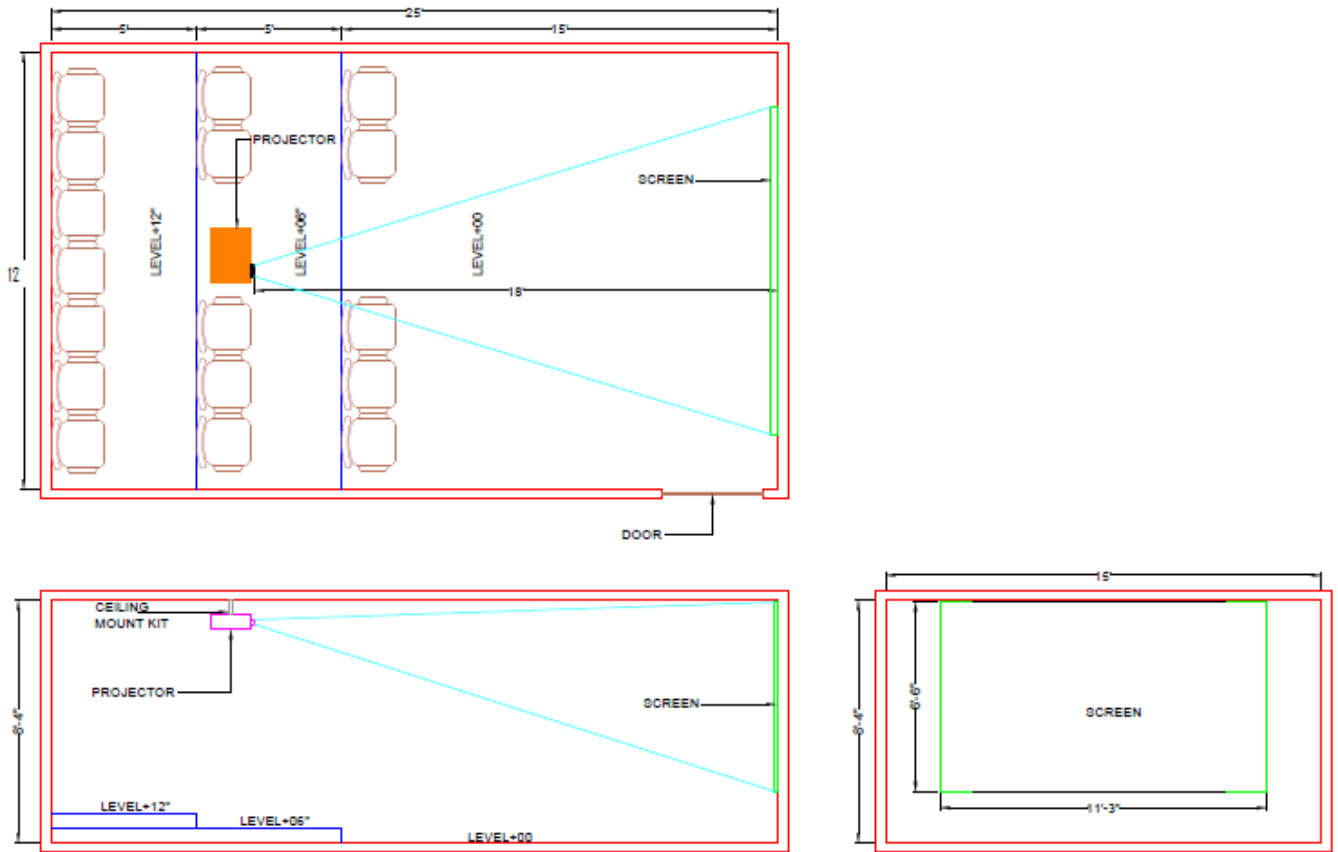
- i. The tender shall remain valid for acceptance for 90 days from the date of opening the Technical Bid of the tender.
- ii. Agree to offer services for onsite comprehensive warranty for one years on the material/works supplied through this tender.
- iii. Agree supply one set of the Installation & Operation Manuals.
- iv. Agree that the offer price is valid for a period of 90 days from the date of opening of technical bid of this tender.

Further confirm that we agree with the terms and conditions specified in "Instructions to Bidders" and if we succeed, the execution of supplies would be made in compliance.

Name & Signature of the authorized bidder with
stamp Contact details of authorized person of bidder who have signed
the tender.

Name.....
Designation.....
Phone (office).....
Phone (Mobile)
E mail.....

Indicative Diagram for VR Experience Zone



This is only an indicate diagram and for any further clarification please visit the site or contact the address/phone numbers provided in the tender document. All the dimensions shown in above indicative diagram are in feet.