



अखिल भारतीय आयुर्विज्ञान संस्थान,

All India Institute of Medical Sciences

Engineering Branch, Bhubaneswar (Odisha)-751019

[www.aiimsbhubaneswar.nic.in](http://www.aiimsbhubaneswar.nic.in)

## **NOTICE INVITING e-TENDER**

(File No- **ELECT/25/2025-ELECTRICAL SEC**)

|  |  |
|--|--|
| <b>N.I.T. No.</b>                                    | <b>AIIMS/BBSR/ENGG/77/2025</b>   |
| <b>Name Of Work:</b>                                 | <b>Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar</b> |
| <b>Estimated Cost:</b>                               | <b>₹ 59,80,422.00 ( including GST)<br/>(**Rupees Fifty-Nine Lakh Eighty Thousand Four Hundred Twenty-Two Only.**)</b>  |
| <b>Earnest Money:</b>                                | <b>@ 2% of Estimated Cost /-</b>   |
| <b>Security Deposit:</b>                             | <b>@ 2.5% of Contract Value</b>  |
| <b>Performance Bank Guarantee:</b>                   | <b>@ 5% of Contract Value</b>  |
| <b>Completion Period</b>                             | <b>90 days</b>   |
| <b>Type of work:</b>                                 | <b>Supply, installation, testing, and commissioning of Audio-visual System</b>   |
| <b>Tender issue date:</b>                            | <b>30.12.2025</b>  |
| <b>Last Date &amp; Time of Submission of Tender:</b> | <b>20.01.2026 by 18.00 Hours</b>   |

“Certified that, this tender document contains **68** pages only”.

**Executive Engineer (Elect.)  
AIIMS, Bhubaneswar**

**Government of India, Ministry of Health & Family Welfare, AIIMS, Bhubaneswar**

|                                |  |  |                 |
|--------------------------------|--|--|-----------------|
| Name of Work                   | :  | <b>Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar</b> |                 |
| NIT No.                        | :  | <b>AIIMS/BBSR/ENGG/ELECT/77/2025</b>   |                 |
| <div><b><u>INDEX</u></b></div> |  |  |                 |
| <b>Sl. No.</b>                 | <b>Subject</b>   |  | <b>Page No.</b> |
| 1.                             | Subject & Index  | -  | 1 – 2           |
| 2.                             | Notice Inviting e-Tender / Notice Inviting Tender                            | -  | 3               |
| 3.                             | Information & Instructions to Bidders for Tendering                          | -  | 4 -6            |
| 4.                             | General Rules & Directions of Contract                                       | -  | 7 - 10          |
| 5.                             | Declaration to be given by tenderers <b>(Annexure – I)</b>                   | -  | 11              |
| 6.                             | Information Regarding Eligibility Letter of Transmittal <b>(Annexure-II)</b> | -  | 12              |
| 7.                             | Form for Financial Information   | -  | 13 – 18         |
| 8.                             | Manufacturers’ Authorization Form <b>(Appendix- A)</b>                       | -  | 19              |
| 9.                             | Bidders Undertaking <b>(Annexure – III)</b>                                  | -  | 20- 21          |
| 10.                            | General Conditions for Contract <b>(Annexure – IV)</b>                       | -  | 22 - 27         |
| 11.                            | Scope Of Work (SOW)  |  | 28- 30          |
| 12.                            | Technical Bid (Eligibility Criteria) <b>(Annexure – V)</b>                   | -  | 31              |
| 13.                            | Affidavit <b>(Annexure – VI)</b>   | -  | 32              |
| 14.                            | Form for Performance Security (Bank Guarantee) <b>(Annexure – VII)</b>       | -  | 33              |
| 15.                            | Format for Agreement <b>(Annexure – VIII)</b>                                | -  | 34-39           |
| 16.                            | Performa of Schedules <b>(Annexure – IX)</b>                                 | -  | 40 - 42         |
| 17.                            | Technical Specification Compliance Sheet <b>(Annexure – X)</b>               | -  | 43- 64          |
| 18.                            | Preferred Make list of Materials <b>(Annexure – XI)</b>                      |  | 65.-64          |
| 19.                            | Financial Bid (Schedule of Quantities) <b>(Annexure – XII)</b>               | -  | 65              |
| 19.                            | e-Tendering Instruction to the Bidder <b>(Annexure – XIII)</b>               | -  | 66 - 68         |

I

### **NOTICE INVITING e-TENDER**

The **Executive Engineer, (Electrical), AIIMS, Bhubaneswar (Phone: 0674 – 2476083, email-[eeel@aiimsbhubaneswar.edu.in](mailto:eeel@aiimsbhubaneswar.edu.in))** on behalf of Executive Director, AIIMS, Bhubaneswar invites online Percentage rate tender in Two (02) Bid system (Technical & Financial respectively) from reputed contractor having successfully completed works of similar nature as per eligibility criteria for the following work:-

|                                       |  |
|---------------------------------------|--|
| Name of Work                          | <b>Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar</b> |
| Tender No.                            | <b>AIIMS/BBSR/ENGG/ELECT/77/2025</b>   |
| Completion period                     | <b>90 days</b>   |
| Estimated Cost                        | <b>₹ 59,80,422.00 ( including GST)</b><br><b>(Rupees Fifty-Nine Lakh Eighty Thousand Four Hundred Twenty-Two Only.</b>   |
| Earnest Money Deposit(EMD)            | <b>2 % of Estimated Cost</b>   |
| Types of Work                         | SITC of Audio Visual system  |
| Last Date, Time & Place of Submission | By 20/01/2026 at 18:00 Hours<br>through online in <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a>   |
| Date, Time for opening of Tender      | On 22/01/2026 at 12:00 Hours.  |

The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in/eprocure/app> or [www.aiimsbhubaneswar.nic.in](http://www.aiimsbhubaneswar.nic.in) free of cost.

The indenting Bidder must read the Terms & Conditions of AIIMS, Bhubaneswar carefully. He/They should only submit his/her/their bid if he/she/they consider himself/themselves eligible and he/she/they is/are in possession of all the documents required.

For e-Tendering of this Tender, kindly visit website <https://eprocure.gov.in/eprocure/app>.

E-Tendering Portal: <https://eprocure.gov.in/eprocure/app>

For E-tendering Queries contact CPPP Help Desk.

The intending bidders must have valid class-III digital signature to submit the bid.

Further modification of change of dates, if any, can be seen in the above stated tender web site.

**Executive Engineer (Elect.)**  
**AIIMS, Bhubaneswar**

**INFORMATION AND INSTRUCTIONS FOR BIDDERS****(APPLICATION FOR INVITING BIDS ON TWO BID SYSTEMS)**

The Executive Engineer (Elect.), AIIMS, Bhubaneswar, (Phone - 0674 2476083, Email - [eeel@aiimsbhubaneswar.edu.in](mailto:eeel@aiimsbhubaneswar.edu.in)) invites on behalf of Executive Director, AIIMS, Bhubaneswar, Percentage Rate Tender from reputed Specialized Agency in Two (02) Bid system (Technical cum Eligibility & Financial respectively) having successfully completed works of similar nature as per eligibility criteria for the following work:

| Ser. No. | Description  | Details   |
|----------|--|---|
| (a)      | NIT No.  | AIIMS/BBSR/ENGG/ELECT/77/2025   |
| (b)      | Name of Work:  | Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar |
| (c)      | Estimated Cost   | ₹ 59,80,422.00 ( including GST)<br><br>(Rupees Fifty-Nine Lakh Eighty Thousand Four Hundred Twenty-Two Only.  |
| (d)      | Earnest Money  | 2 % of Estimated Cost   |
| (e)      | Completion period  | 90 days   |
| (f)      | Last date and time of online submission of tender          | 20.01.2026 by 18.00 Hours   |
| (g)      | Time and date of on line opening of Tender (Technical Bid) | 22.01.2026 by 11.00 Hours   |
| (h)      | Time and date of opening of Online Financial Bids          | Will be informed to the Technically qualified Bidders.  |
| (i)      | Mode of submission of Tender                               | Online. (CPP Portal)  |

1. **Eligibility Criteria:** Contractor /Agency who fulfilled the following requirement shall be eligible to apply. Joint venture in not accepted.
  - a) The bidder should have satisfactorily completed the works as mentioned below during the last seven years ending the previous day of the last date of submission of the bid.
    - i. **one (01) similar work each costing not less than Rs. 47,84,338.00/-**  
**OR**
    - ii. **Two (02) similar works each costing not less than Rs. 35,88,253.00/-**  
**OR**
    - iii. **Three (03) similar works each costing not less than Rs. 23,92,169.00/-**
    - **Similar work shall mean: “ Supply, installation, testing, and commissioning of audio-visual systems for any government (central /state),PSU (central /state) and Autonomous (central /state) organization government organization.”**
2. The Bidder should have registration up to date with **Employee Provident Fund (EPF) Commissioner** and **Employee State Insurance (ESI) Corporation**.
3. Agreements shall be drawn with the successful bidders for item/items in the prescribed format. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.
4. The bid document consists of a survey report, layout diagram, specifications, the schedule of quantities of the various type of items to be executed and the set of terms & conditions of the contract to be complied with, and other necessary documents.
5. **Submission/Upload of OEM authorization certificate (Appendix- A) is mandatory, if the bidder will fail to upload the authorization certificate the bid shall be summarily rejected.**
6. Conditional Bids shall not be considered and will be out-rightly rejected at the very first instance.
7. Average annual financial, the turnover during the last three years, ending **31<sup>st</sup> March 2024** should be more than 50% of the estimated cost.
8. The intending bidder must read the terms and conditions of the Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates/documents required.
9. Information and Instructions for bidders for e-tendering posted on the website shall form part of the bid document.
10. the bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in> or [www.aiimsbhubaneswar.edu.in](http://www.aiimsbhubaneswar.edu.in) free of cost.
11. Copies of eligibility documents and EMD as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format, and any other format as permissible by the e-tendering portal.

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12. Bidders must ensure to quote percentage above or below or as per against BOO price. The column

meant for quoting rate in figures appears in sky blue color. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, the rate of such item shall be treated as "0" (ZERO). After submission of the bid online, the Agency can re-submit the revised bid any number of times but before the last time and date of submission of the bid as notified.

13. After the submission of the bid online, it can be revised any number of times before the specified time on the last date of submission of the bid. While submitting the revised bid, the bidder can revise the rate of one or more item(s) any number of times (he need not re-enter the rate of all the items) but before the last time and date of submission of the bid as notified.
14. Financial bids shall be opened online only for eligible bidders those are qualified in technical evaluation.
15. If the Agency is found ineligible after the opening of bids, his bid shall become invalid.
16. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified agencies to any number deemed suitable by it if too many bids are received satisfying the laid down criterion.

**Executive Engineer (Elect.)  
AIIMS, Bhubaneswar**

## GENERAL RULES & DIRECTIONS OF CONTRACT

The Executive Engineer (Elect.), AIIMS, Bhubaneswar, (Phone - 0674 2476083, Email - [eeel@aiimsbhubaneswar.edu.in](mailto:eeel@aiimsbhubaneswar.edu.in)) invites on behalf of Executive Director, AIIMS, Bhubaneswar, Percentage Rate Tender from reputed Specialized Agency in Two (02) Bid system (Technical cum Eligibility & Financial respectively) having successfully completed works of similar nature as per eligibility criteria for the following work:

**Name of Work:** *Tender for "Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar".*

1. ***Preparation & Submission of Tender through Online. The Tender should be submitted in 02 (Two) parts i.e. Technical Bid and Financial Bid Respectively. The Bid shall be submitted by the Bidder through online for "Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar".***
2. ***The Bidders shall have to submit original documents for Original Earnest Money Deposit and self-certified copies of all the scanned and uploaded documents before the date and time of opening of tender at Executive Engineer Electrical office 3rd floor Academic Block AIIMS Bhubaneswar failing which the bid will be summarily rejected.***
3. **List of Documents to be scanned and uploaded within the period of bid submission.**
  - (a) Earnest Money Deposit in Favour of "All India Institute of Medical Sciences, Bhubaneswar".
  - (b) FROM 'A' to 'E' duly filled in and signed with the stamp.
  - (c) The bidder shall submit a Completion Certificate for similar works, along with the corresponding Work Order and detailed Bill of Quantities (BOQ), issued by a government organization. These documents must be signed by an official not below the rank of Executive Engineer or an equivalent authority.
  - (d) Certificate of Registration for GST.
  - (e) Copy of PAN card.
  - (f) Copies of ESI Registration .
  - (g) Copies of EPF Registration .
  - (h) The Bidder should have their Registered Office/Branch in Bhubaneswar. If not, an Office should be opened in Bhubaneswar within 30 (Thirty) Days of the award of Work. Details of Address Proof of Office located at Bhubaneswar should be given to EE(Elect). Otherwise Undertaking for opening of office at Bhubaneswar need to submit.
  - (i) Declarations to be given by the Tenders.
  - (j) **Certificate of Annual turn over of last 3 years duly certified from CA:** At the time of submission of bid, bidder may upload affidavit/ certificate from CA mentioning finance turn over for the period specified in the bid document. Further details if required may be asked to the contractor after opening of technical bid. There is no need to upload entire voluminous balance sheet.
  - (k) Each page of the e-tender documents should be duly signed with a seal otherwise; the bid shall become invalid.
  - (l) OEM Authorized Certificate as per (Appendix- A).
  - (m) Affidavit as per *Annexur-VI*.
  - (n) Technical Specification Compliance Sheet.
4. **The bid submitted become invalid, if any discrepancy/shortfall is noticed between the eligibility documents (as per Sl. No 03 para 'a' to 'n') as uploaded at the time of submission of the bid.**
5. The intending bidder must read the terms and conditions of **CPWD -8** carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

6. **Earnest Money Deposit:** The bidder shall be required to submit the Earnest Money Deposit in the form of a Fixed Deposit Receipt or Demand Draft or BG from any Nationalized/Schedule Bank duly pledged in the name of the "**All India Institute of Medical Sciences, Bhubaneswar**". Documents received without submitting EMD will be rejected. **EMD exemption is not allowed in this tender.**
7. **Performance Guarantee/ security deposit:**
- (a) The successful Agency will be required to furnish a Performance guarantee **5%** of contract value in the form of a Fixed Deposit Receipt or Bank Guarantee from any Nationalized/Schedule Bank duly pledged in the name of the "**All India Institute of Medical Sciences, Bhubaneswar**" which shall be kept valid for a period of 180 days beyond completion of all the contractual obligations as per GCC. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest.
  - (b) **The security deposit/Performance deposit:** can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of the contract or for unsatisfactory performance or non-observance of any condition of the contract. Performance Security will be discharged after completion of the Agency's performance obligations (including the Warranty/Guarantee period) under the contract. In case the Agency fails to deposit the said performance guarantee within the period including the extended period if any, the Earnest Money deposited by the Agency shall be forfeited automatically without any notice to the Agency. The earnest money deposited along with the tender shall be returned after receiving the aforesaid performance guarantee.
8. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids, the means of access to the site and in general shall themselves obtain all necessary information as to risks, contingencies, and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at their own cost, all materials, tools & plants, water, electricity access, facilities for workers, and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of the conditions.
9. The Tender paper/documents can be seen/downloaded from the Official website & submitted through online. No need to send hard copy of tender documents. However, after award of contract, L1 bidder must submit hard copies of all uploaded documents to the office of the tender inviting officer within the prescribed time. If any discrepancy found in uploaded document and hard copies, then his bid will be rejected. For any query, Executive Engineer, Electrical, Phone: 0674 – 2476083 AIIMS, Bhubaneswar, may be contacted.
10. The Executive Director, AIIMS, Bhubaneswar does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed conditions is not fulfilled or any condition including that of the conditional rebate is put forth by the bidder shall be summarily rejected.
11. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the agency who resort to canvassing will be liable to rejection.
12. The Executive Director, AIIMS, Bhubaneswar reserves to himself the right of accepting the whole or any part of the bid, and the bidder shall be bound to perform the same at the rate quoted.



13. The Agency shall not be permitted to bid for works in the AIIMS, Bhubaneswar responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the AIIMS, Bhubaneswar. Any breach of this condition by the Agency would render him liable to be removed from the approved list of Agency of this Department.
14. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a Agency for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be canceled if either the Agency or any of his employees is found at any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the Agency's service.
15. **The bid for the works shall remain open for acceptance for a period of 180 days from the date of the opening of bids.**
16. This notice inviting bid shall form a part of the contract document. The successful bidder/ Agency, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of "The Notice Inviting bid, all the documents including additional conditions, specifications, and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and rate quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
17.
  - (a) **The quoted Rates shall be inclusive of GST.**
  - (b) **Security Deposit equal to 2.5% of the Contract Value will be kept withheld from the RA Bills of the Agency & will be release after successful completion of DLP/ warrantee period.**
  - (c) **The Income Tax as applicable shall be deducted from the Bill unless exempted by the Income Tax Department.**
  - (d) **1% labour cess will be deducted from bills.**
18. **Goods and Services Tax (GST).**
  - (a) **GENERAL REMARKS ON TAXES & DUTIES:** In view of GST Implementation from 1<sup>st</sup> July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax Entry Tax and other indirect taxes and duties have been submerged in GST. Accordingly, reference of Excise Duty, service Tax, VAT, Sales Tax, Entry or any other form of indirect Tax except of GST mentioned in the bidding document shall be ignored.
  - (b) Bidders are required to submit copy of the GST Registration certificated while submitting the bids wherever GST (CGST & SGST/UTGST or IGST) is applicable.
  - (c) "GST shall mean Goods and services Tax charged on the supply of material(s) and services. The term 'GST' shall be construed to include the integrated Goods and Services Tax (Hereinafter referred to as "IGST") or central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and services Tax (Hereafter referred to as "SGST") or union Territory Goods and services Tax (hereinafter referred to as "UTGST").
  - (d) Quoted price/rate(s) should be inclusive of all taxes and duties, **including** GST (i.e. IGST or CGST and SGST /UTGST applicable in case of interstate supply or intra-state supply respectively and cess on

GST if applicable) on the final service. However, the GST rate (including cess) to be provided in the respective places in the price Bid. please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the supplier of Goods/services (service provider) only. Supplier of Goods/Service (Service provider) providing taxable service shall issue an invoice/Bill, as the case may be as per rules/regulations of GST. Further, returns and details required to be filled under GST laws & rules should be timely filed by the supplier of Goods /services (Service provider) with the requisite details.

- (e) The Agency(s) must be submitted GST Challan copy in original duly signed with a stamp of the firm, against this work before releasing Security Deposit (SD) money.

**19. FRAUD AND CORRUPTION:**

- 19.1 The Engineer-in-Charge will reject a proposal for an award if he determines that the bidder recommended for award has been engaged in corrupt or fraudulent practices in competing for the contract in question. He will report to the Officer Inviting Bid / next higher authority.
- 19.2 Canvassing, whether directly or indirectly, in connection with tenders is strictly prohibited & the tenders submitted by the agency who resorts to canvassing will be liable for rejection.
- 19.3 The Agency shall be debarred for **one year from tendering in AIIMS, Bhubaneswar;**
- (i) If the Agency submits false experience/completion certificates, **as mentioned in Sl. No. - 1 Page No. - 5 (refer under Eligibility Criteria)**. The department reserves the right to verify the particulars furnished by the applicant independently.
  - (ii) If the Agency fails to commence the work on or before the scheduled date stated in the work order.
  - (iii) Violates any important condition of the contract.

**20. Obtaining the OEM Manufacturers' Authorization certificate (Appendix- A) is sole responsible of the bidder.**

21. Information & Instruction for Agency will form Part of NIT.

**Executive Engineer (Elect.)  
AIIMS Bhubaneswar**

## Annexure – I

### DECLARATIONS TO BE GIVEN BY THE TENDERERS

**It is to certify that: -**

- (a) I /We have gone through CPWD W-8 amended up to correction Slip No.6 as available on the website [www.eprocure.gov.in](http://www.eprocure.gov.in) / [www.aiimsbhubaneswar.edu.in](http://www.aiimsbhubaneswar.edu.in) or in the office of Superintendent Engineer and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.

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

**Signature of the Tenderer**

- (b) “I, ..... S/o Shri ..... resident of ..... hereby certify that none of my Relative(s) as defined in Paragraph 14 of CPWD W-6 is/are employed in AIIMS Electrical Zone, Odisha. In case at any stage, it is found that the information given by me is false/incorrect, AIIMS shall have the absolute right to take any action as deemed fit without any prior intimation to me”.

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

**Signature of the Tenderer**

**NOTE:** - (To be certified by all the partners in case of partnership firms, by all the Directors in case of companies).

- (c) “I/We undertake and confirm that eligible similar Work(s) has/have not been got executed through another Agency on back-to-back basis. Further, it is stated that, if such aviolation comes to the notice of the Department, then I/We shall be debarred for bidding in AIIMS in the future forever. Also, if such a violation comes to the notice of AIIMS, Bhubaneswar before the date of start of work, the Superintending Engineer shall be free to forfeit the entire amount of Performance Guarantee”.

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

**Signature of the Tenderer**

## Annexure – II

### INFORMATION REGARDING ELIGIBILITY LETTER OF TRANSMITTAL

From :

To

The Executive Engineer Electrical  
AIIMS Bhubaneswar  
Sijua Patrapada 751019

Subject: Submission of Bids for the Work of “**Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director’s Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar**”.

Sir;

Having examined the details given in the bid documents for the above work, I/We hereby submit the relevant information.

1. I/We hereby certify that all the statements made, and information supplied in the enclosed forms A to E and accompanying statement are true and correct.
2. I/We have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/We submit the following certificates in support of our suitability, technical knowledge, and capability for having successfully completed the following eligible similar works :
- 4.

| <u>Name of the Work</u> | <u>Certificate from</u> |
|-------------------------|-------------------------|
| <u>1.</u>               |                         |

**Certificate: It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I/We shall be liable to be debarred, disqualified/cancellation of enlistment in case any information furnished by me/us is found to be incorrect.**

Enclosures:

Seal of Bidder:

Date of Submission:

Signature(s) of Bidder(s):

## **FINANCIAL INFORMATION (FORM 'A')**

### **I. Financial Analysis –**

Details to be furnished duly supported by figures in the balance sheet/profit & loss account for the last three financial years duly certified by the **Chartered Accountant**, as submitted by the applicant to the Income Tax Department (Copies to be attached).

| <b>Financial Years</b>        | <b>2021-22</b> | <b>2022-23</b> | <b>2023-24</b> |
|-------------------------------|----------------|----------------|----------------|
| <b>Gross Annual Turn over</b> |                |                |                |

- Gross Annual Turn Over on construction works.
- Profit/Loss.

### **II. Financial arrangements for carrying out the proposed work.**

## FORM 'B'

### **DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING THE PREVIOUS DAY OF THE LAST DAY OF SUBMISSION OF TENDERS**

| Ser. No. | Name of the Work/Project and Location | Owner or sponsoring organization | Cost of work in corers of rupees | Date of commencement as per contract | Stipulated date of completion | Actual date of completion | Litigation/ arbitration cases pending/ in progress with details* | Name and address/telephone No of officer to whom reference may be made | Whether work was done on back-to-back basis Yes/No |
|----------|---------------------------------------|----------------------------------|----------------------------------|--------------------------------------|-------------------------------|---------------------------|--|--|--|
| (a)      | (b)                                   | (c)                              | (d)                              | (e)                                  | (f)                           | (g)                       | (h)  | (j)  | (k)  |
| 1.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |
| 2.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |
| 3.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |
| 4.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |
| 5.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |
| 6.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |
| 7.       |                                       |                                  |                                  |                                      |                               |                           |  |  |  |

**\*Indicate the gross amount claimed and the amount awarded by the Arbitrator.**

**Signature of Bidder(s)**

# FORM 'C'

## STRUCTURE & ORGANISATION

1. Name & Address of the Bidder :
2. Telephone No/Telex No/Fax No :
3. The legal status of the bidder (scan & upload copies of the original document defining the legalstatus)
  - (a) An individual
  - (b) A proprietary firm.
  - (c) A firm in partnership.
  - (d) A limited Company or Corporation.
4. Particulars of registration with various Government Bodies (Scan & upload attested photocopy)

### Organization/Place of Registration

### Registration No

- 1.
- 2.
- 3.

- Names and titles of Directors and Officers with designation to be concerned with this work.
- Designation of individuals authorized to act for the organization.
- Has the bidder, or any constituent partner in case of partnership firm, limited company/ Joint Venture, ever been convicted by the Court of Law? If so, give details.
- In which field of Civil Engineering construction, the bidder has specialization and interest?
- Any other information considered necessary but not included above.

**Signatures of Bidder(s)**

# FORM 'D'

## TENDER ACCEPTANCE FORM

Affix duly  
attested P.P. Size  
photograph  
of the bidder

Name of the tender:

Tender No:

The due date for tender:

Opening time & date of tender:

|  |  |  |
|--|--|--|
|  | Item   |  |
|  | Details of Bidder  |  |
|  | i. Name of Bidding Entity                                    |  |
|  | ii. Registration number of the Bidding Entity                |  |
|  | iii. Regd. Address   |  |
|  | iv. PAN No.  |  |
|  | Details of Authorized Signatory of the Bidder for the tender |  |
|  | i. Name  |  |
|  | ii. Designation  |  |
|  | iii. Address   |  |
|  | iv. Office Telephone No                                      |  |
|  | v. Mobile No.  |  |
|  | vi. Fax No.  |  |
|  | Details of the Authorized Person of the Bidder to deal with  |  |
|  | i. Name  |  |
|  | ii. Designation  |  |
|  | iii. Communication Address                                   |  |
|  | iv. Telephone No   |  |
|  | v. Fax No.   |  |
|  | vi. Email address  |  |



|  |   |  |
|--|---|--|
|  | i. Please specify whether the bidder is a sole Proprietor/partnership Firm/Company/Society/Consortium |  |
|--|---|--|

:

|  |  |  |
|--|--|--|
|  | Amount   |  |
|  | ii. RTGS/NEFT Details  |  |
|  | Date of Transfer   |  |
|  | iv. Name of the issuing authority  |  |
|  | Confirm your organization employs more than 20 employees                     |  |
|  | a) PF Registration No.<br>b) ESI Registration No.<br>c) GST Registration No. |  |
|  | Any other information.   |  |

## 9. Declaration by the contractor: -

This is to certify that I / We before signing this tender have read and fully understood all the terms and conditions and instructions contained herein and undertake myself/ourselves to abide by the said terms and conditions.

(Signature of Tenderer)

Name:

Designation:

Address:

Dated:

Phone No.(O):

# FORM 'E'

## POWER OF ATTORNEY

**(On a Stamp Paper of relevant value)**

I/ We..... (Name and address of the registered office) do hereby constitute, appoint and authorize Sri/Smt..... (Name and address) who is presently employed with us and holding the position of..... as our attorney, to act and sign on my/our behalf to participate in the tender no..... for ..... (Equipment name).

I/ We hereby also undertake that I/we will be responsible for all action of Sri/Smt..... Undertaken by him/her during the tender process and thereafter on the award of the contract. His / her signature is attested below

Dated this the \_\_\_ day of 20\_ For \_\_\_\_\_

(Name, Designation and Address)

Accepted

\_\_\_\_\_  
(Signature)

(Name, Title and Address of the Attorney)

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

**Appendix- A****OEM Manufacturer's Authorization Form**

To;

The Executive Director  
All India Institute of Medical Sciences  
AIIMS, Bhubaneswar

Tender No :

Dated :

**E-Tender for the work of : “Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director’s Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar”.**

Equipment Name : .....

BOQ No : .....

Make : .....

Model : .....

Dear Sir/Madam;

1. We\_\_\_\_(Name of the OEM ) are the original manufacturer of the above equipment having a registered office at \_\_\_\_\_ (full address with telephone No/Fax .....do hereby declare to give maintenance/warranty support including Software updates to ..... through M/S ....., who is participating in Tender having No\_\_\_\_\_ of AIIMS, Bhubaneswar.
2. We also hereby undertake to provide full guarantee/ full performance warrantee /Comprehensive Annual Maintenance Contract as agreed by the bidder in the event the bidder is changed or the bidder fails to provide satisfactory after-sales and service during such period of Comprehensive Warranty/ Comprehensive Annual Maintenance Contract and to supply all the spares/accessories/consumables/material/software upgrades/ labour etc. during the said period through the appoint bidder by AIIMS, Bhubaneswar.
3. We also hereby declare that we have the capacity to manufacture and supply the quantity of the equipment tendered within the stipulated time, and provide service to install, and commission through the bidder .
4. We Also Compiled the Technical data sheet attached with the authorized signature and company seal.

Name :

Yours

For and on behalf of M/S \_\_\_\_\_

Faithfully,  
(Name)  
(Name of the Manufacturers)

Place :

Date :

**Note : This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.**

## Annexure – III

**All India Institute of Medical Sciences**  
**Engineering Branch, Bhubaneswar (Odisha)-751019**  
[www.aiimsbhubaneswar.edu.in](http://www.aiimsbhubaneswar.edu.in)

### **BIDDERS UNDERTAKING**

E-Tender for the work of: Tender for **“Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director’s Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar”**.

To be submitted online by:

### **TENDER**

I/We have read and examined the notice inviting tender, schedule A,B,C,D,E, specifications applicable, Drawings & Designs, General Rules, and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the AIIMS Bhubaneswar within the time specified in Performa of Schedules , viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings, and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **One Hundred Eighty (180) days** from the due date of opening of the financial bid and not to make any modification in its terms and conditions.

A sum of **Rs.....**is hereby forwarded in Receipt Treasury Challan/ Deposit at Call Receipt of a Scheduled Bank/ Fixed Deposit Receipts of a Scheduled Bank/ Demand Draft of a Scheduled Bank/ Bank Guarantee issued by a Scheduled Bank as earnest money. A copy of the earnest money in Receipt Treasury Challan/ Deposit at Call Receipt of a Scheduled Bank/ Fixed Deposit Receipts of a Scheduled Bank/ Demand Draft of a Scheduled Bank/ Bank Guarantee issued by a Scheduled Bank is submitted with tender. If I/We, fail to furnish the prescribed performance guarantee within the prescribed tender, I/we agree that **the Executive Director, AIIMS, Bhubaneswar** or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely **and** debar me/we for participating in any tender of AIIMS Bhubaneswar for a period of 1 year . Further, if I/We fail to commence work as specified, I/We agree that **the Executive Director, AIIMS, Bhubaneswar** or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be guaranteed to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the General Conditions of Contracts (CPWD). Further, I/we agree that in case of forfeiture of earnest money or performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work **and debarred for participating in any tender of AIIMS Bhubaneswar for a period of 1 year.**

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further, if such a violation comes to the notice of the Department, then I/We shall be debarred for tendering in AIIMS Bhubaneswar in the future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, The Engineer – in – Charge shall be free to forfeit the entire amount of Earnest Money Deposited / Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

**Dated.....**

**Signature of Contractor**  
**Postal Address**

**Witness:**

**e-Mail id**

**Address:**

**Occupation:**

**(To be filled in by the contractor/witness as applicable)**

### **ACCEPTANCE**

The above tender (as modified vide letters mentioned hereunder) is accepted by me for and on behalf of the AIIMS Bhubaneswar for a sum of ₹. \_\_\_\_\_ \*

(Rupees \_\_\_\_\_ \* \_\_\_\_\_)

The letters referred to below shall form part of this contract Agreement:-

a) \_\_\_\_\_ \*

b) \_\_\_\_\_

c) \_\_\_\_\_

For & on behalf of the AIIMS Bhubaneswar.

Signature.....

Dated .....

Designation.....

### GENERAL CONDITIONS FOR CONTRACT

**Name of work: “Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director’s Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar”.**

1. Prices quoted should be valid for the contract period from the date of opening of your offer. The prices quoted should be for the entire scope of work.

2. **Rates-** The prices quoted shall be inclusive of GST, PF & ESI amount paid to the statutory authorities by the Agency and shall be reimbursed on an actual basis throughout the contract period on submission of the documentary evidence in the next bill or after the final bill. GST shall be reimbursed on an actual basis on submission of the documentary evidence.

**3. PF & ESIC Contribution: -**

(i) The Agency shall have to register with PF & ESIC (wherever applicable) for workmen engaged for the work & challans/deposit receipts of PF ESI contribution shall be submitted in EIC office for verification/reimbursement, at the time of submission of the bill.

**4. Terms of Payment: -**

**Running bill Payment:**

- The Running payments for the work shall be released **as per the actual measurement of the work executed at the site** by AIIMS, Bhubaneswar.
- The Security Deposit @ 2.5% of the gross amount of the bill shall be deducted from the running bills, which shall be released after the successful completion of the DLP period from the date of completion of work, without any interest thereupon.
- 1% of labour cess will be deducted from bills.
- The following documents as applicable shall be produced and the self-attested photocopy shall be submitted by the Agency during each running bill:

1. Measurement Sheet
2. Delivery Challan of all the material supplied.
3. Warranty/Guarantee Certificate if applicable.
4. GST return up-to-date Voucher.
5. No claim certificate (Final bill).

**5. Transport**

- 5.1) The transport required within the complex for carrying items inside the AIIMS complex for supply of materials, repairing work, etc. shall be arranged by the Agency. The Agency may however seek the help of the department to take permission to take heavy items for repair outside the AIIMS, Bhubaneswar complex if considered necessary.
- 5.2) Agency's materials, transport, etc. shall normally be permitted to go out of the area between 9.00hrs.to 18.00hrs only. The agency may also be allowed to carry out the work beyond office hours(day and night) with special permission from the Executive Director AIIMS, Bhubaneswar. However, no movement of materials and transport out of the site of works shall be permitted during the night or during holidays unless special permission is obtained from the Executive Director, AIIMS, Bhubaneswar.

## 6. Antecedents :

The Agency shall employ only Indian Nationals as his representatives, servants, workmen and verify their antecedents and loyalty before employing them on the works. He shall ensure that no person of notorious antecedents and nationality is in any way associated with the works and if for reasons of technical collaboration or other consideration, the employment of any foreign national is unavoidable, the Agency shall furnish full particulars to this effect to the accepting officer at the time of submission of tender. The Executive Director, AIIMS, Bhubaneswar shall have full powers and without giving any reasons to the Agency immediately cease to employ in connection with this contract, any representative agency, servant and workman, or employee whose continuous employment in his opinion is undesirable. The Agency shall not be allowed any compensation on this account.

## 7. Penalty Clause:

In case of any failure of / delay in services, the penalty shall be invoked as per **Clause-2 of GCC** of CPWD works-2023. Compensation for delay of work:

- **With maximum rate of 1% (one percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered Value of work.**

8. The work shall be governed by AIIMS, Bhubaneswar general conditions, and security regulations of the contract.

9. The Executive Director, AIIMS, Bhubaneswar or any one or more officers authorized by him shall have the right to visit Agency/sub-agency premises to check the physical progress of work, inspection, testing etc. of the contract items or any part thereof at any time during all stages of work. The Agency shall extend all necessary facilities for carrying out such inspection and check of the progress of work.

10. It is the responsibility of the successful tenderer to hand over the entire system to the Executive Director, AIIMS, Bhubaneswar on completion of the work in working condition. Any damages/replacement etc. should be done at free of cost with the knowledge of the Executive Director, AIIMS, Bhubaneswar. The final taking over will be done after detailed joint inspection by the Executive Director, AIIMS, Bhubaneswar/ or his authorized representative and the Agency on completion of the work.

## 11. Risk Purchases:

The cost of repairs/rectification necessitated due to negligence of the Agency's employee shall be recovered from the Agency as per the assessment made by the Executive Director, AIIMS, Bhubaneswar. If the Agency fails to repair/rectify the defects in installations within the time given to him, the same will be got repaired/rectified by another agency at the risk and cost of the Agency. The decision of the Executive Director, AIIMS, Bhubaneswar shall be final and binding on both the parties.

12. The Agency shall be solely responsible for compliance to the provisions of various Labour and industrial laws, such as, wages, allowances, compensations, EPF, and Bonus. Gratuity, ESI, etc. relating to personnel deployed by it at AIIMS, Bhubaneswar site or for any accident caused to them, and the institute shall not be liable to bear any expense in this regard. The Agency shall make payment of wages to workers engaged by it by the stipulated date irrespective of any delay in settlement of its bill by AIIMS, Bhubaneswar for whatever reason. The Agency shall also be responsible for the insurance of its personnel. The Agency shall specifically ensure compliance of various Laws / Acts, including but not

limited to with the following and their re-enactments/amendments/modifications: -

- (a) The Payment of Wages Act 1936.
- (b) The Employees Provident Fund & MP Act, 1952.
- (c) The Contract Labour (Regulation) Act, 1970.
- (d) The Payment of Bonus Act, 1965.
- (e) The Payment of Gratuity Act, 1972.
- (f) The Employees State Insurance Act, 1948.
- (g) The Employment of Children Act, 1938.
- (h) The Motor Vehicle Act, 1988.
- (i) Minimum Wages Act, 1948.

**13. Breach of Terms and Conditions.**

Noncompliance with any terms and conditions enumerated in the contract shall be treated as a breach of contract. In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to reject the bid at any stage without assigning any reason thereof and nothing will be payable by AIIMS, Bhubaneswar in that event the EMD shall also stand forfeited.

**14. Termination of Contract.**

AIIMS, Bhubaneswar has the right to terminate the contract, in case the work performance is not up to the standard, or if there is any violation of the contract. The decision by the Engineering- In-charge is final and binding in this regard.

**15. Arbitration.**

The Arbitration shall be held in accordance with the provision of the Arbitration and Conciliations Act, 1996, and the venue of arbitration shall be at Bhubaneswar. The decision of the Arbitrator shall be final and binding on both parties.

**16. Dispute Settlement.**

It is mutually agreed that all differences and disputes arising out of or in connection with this agreement shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then same shall be referred to the sole Arbitrator appointed by the Executive Director, AIIMS, BHUBANESWAR whose decision shall be final and binding on both the parties. The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

17. GST and other Taxes as applicable shall be recovered/ paid from the Agency's bill as per Govt. of India/AIIMS Rules.

## **ADDITIONAL CONDITIONS FOR WORK**

**A. GENERAL CONDITIONS**

1. Other agencies working at the site will also simultaneously execute the work entrusted to them and the Agency shall offer necessary cooperation wherever required to other agencies.
2. Because of security considerations, there could be some restrictions on the working hours and movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the program for execution accordingly, for which nothing extra shall be paid.
3. The work shall be carried out in a manner complying in all respects with the requirements of relevant by-laws of the local bodies, Labour Laws, minimum wages act, workmen compensation



act, and other statutory laws enacted by the Central Govt. as well as State Govt.

4. No residential accommodation shall be provided to any of the staff engaged by the Agency. The Agency shall not be allowed to erect any temporary setup for staff on the campus.
5. No claims of the labours shall be entertained by the Department including that of providing employment, regularization of services, etc.
6. The Agency shall have registration with Employee's Provident Fund commission and Employee's State Insurance Corporation for the safe guarding interest of his workmen. He shall obtain all other necessary approvals from statutory bodies as per the law in vogue.
7. The Agency shall take immediate action to attend to any complaint assigned to him through the site order book/verbal instructions from Engineer-in-Charge or his representative over telephones from occupants. In all cases, he shall attend to the complaints in the specified duration as mentioned below.
8. All dismantled material will be removed from the site by Agency after duly verification and measurement of the same by JE/AE and EE.
9. The Agency shall make all safety arrangements required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the Agency. The department shall not be responsible for any mishap, injury, accident, or death of the Agency's staff. No claim in this regard shall be entertained/accepted by the department. Also, Agency is responsible for the damage caused to any man/material other than his team during execution, and AIIMS will not be responsible for that.
10. The agency shall be fully responsible for any damages caused to govt. property by his or his labour in carrying out the work and shall be rectified by the Agency at his own cost.
11. GST and other Taxes as applicable shall be recovered/paid from the Agency's bill as per Govt. of India/AIIMS Rules.
12. The agency shall restore back the premises and other articles provided by the department to the department at the time of closure of the contract.
13. No permanent/temporary huts /structures shall be constructed by the Agency at the site of work or at any government land/premises. Such structures, if any, found at the site or at AIIMS Bhubaneswar land shall be demolished and removed at the cost of the agency without any notice.
14. Any damage to the building structure, fittings, or any other articles, etc. done by the Agency on his workman during the execution of the work shall be made good by the Agency at his own cost.
15. The Agency shall clear the site property after the completion of the work.
16. Major/Minor complaints shall be decided by the EE/Engineer-in-charge. The decision of the Engineer-In-charge shall be final & binding.
21. Any facility not mentioned in this scope, but which is vital **"Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar "** are assumed to be included in the scope of work.
22. The agency must ensure safety and provide adequate supervision/precautions during the work.
23. During working at the site, any Rules/restrictions may be imposed by the Engineer-in-Charge/Security staff of the Corporation or Local Authorities regarding safety and security, etc., the Agency shall be bound to follow all such restrictions/instructions & nothing extra shall be payable

on this account & no claim for delay on this account shall be entertained.

24. **The tender shall be based on the Conditions of Contract and tenderers are required to quote their %rates against BOQ items in a schedule of quantities, which is enclosed. All rates shall remain firm for the additional quantity in the contract period.**
25. If the Agency fails to proceed with the work within the stipulated time as specified from the date of issue of the letter of intent/letter to proceed with the work, the Department shall forfeit the earnest money deposited by him along with the tender.
26. All the works are to be carried out in accordance with the latest CPWD/BIS Specifications and as per the directions of the Engineer-in-charge.
27. **Packing:** The supplier shall provide such packing of the goods, as is required to prevent their damages or deterioration during the transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
28. The Agency must get approved all the material from the Engineer-in-Charge before its actual use at the site of work.
29. The scope of work includes all minor building works required for execution work such as cutting of walls etc. and making good the same. Nothing extra will be paid to Agency for the same.
30. The watch and ward of material and installation shall rest on the part of the Agency during the execution of work and till handing over of the same after completion of work in accordance with the schedule of work.
31. The Agency will take care of the building etc. while handling/installing the equipment to avoid damage to the building. If any damages occur during the execution of work, it shall be made good by Agency without any extra cost.
32. Existing materials in good condition may be used after joint inspection by AIIMS representatives & vendors.
33. Dismantled/unused materials are to be deposited at Engineering Dept. by the Firm.
34. The tender shall be based on the Conditions of Contract and tenderers are required to quote their own rates against each item in schedule of quantities (B.O.Q), which is enclosed. All rates shall remain firm for the contract period/extended contract period.

#### **GENERAL CONDITIONS FOR SUPPLY OF MATERIALS:**

1. The sample of all the items shall have to be got approved by the Agency by the Engineer-in-Charge/Executive Engineer or his Representative before the supply commences. The approval of the sample shall be only in respect of workmanship and finish and shall be without prejudice to the right of the Engineer-in-Charge to get random samples tested out of the actual lot received as per additional conditions. This decision is the prerogative of the Engineer-in-Charge.
2. The Agency shall furnish the manufacture's certificate (if instructed) that the material supplied satisfies the requirements of the relevant specifications.
3. The Engineer-in-Charge shall be at liberty to test the respective sample(s) of each item from the schedule of quantity in any approved laboratory as decided by him. The sample for testing shall be provided by the Agency. The testing charge in respect of satisfactory tests shall be borne by the Agency. All other expenditures required to be incurred for making available the sample conveyance and packing etc. shall be borne by the Agency himself. In case any sample of a particular lot fails in

testing the Agency shall be bound to replace the entire lot with fresh material of prescribed specifications and the rejected lot shall only be returned to the Agency after the fresh lot is supplied.

4. After completion of work, the defective and damaged materials (Spare/Equipment/Scraps) shall be handed over to the AIIMS Authority or to be removed by the Agency at his own cost.
5. In case of any dispute regarding the rejection of the quantity of materials, the decision of the Engineer-in-Charge shall be final and binding upon the Agency.
6. Specialized work as indicated in the contract must be done through an authorized dealer or service Centre or manufacturer only. The Agency will submit the GST invoice for the equipment's or spares purchased from the manufacturer or authorized dealer. Similarly, for services, the agency shall submit the service report from an authorized service Centre or dealer for processing the payment.

**Executive Engineer (Elect.)  
AIIMS Bhubaneswar**

## **SCOPE OF WORK (SOW)**

### **Scope of Work for Audio Visual System for Conference Room and Board room:**

#### **1. Overview:**

To provide a state-of-the-art, reliable, and user-friendly Audio-Visual Conferencing System for seamless communication, presentations, and high-quality audio-video conferencing in the Executive Director's Conference Hall and Board Room.

#### **2. Objectives:**

- i. To provide a fully functional and integrated AV system.
- ii. To ensure seamless operation with user-friendly controls.
- iii. To achieve superior sound clarity and visual display quality.
- iv. To establish an advanced and reliable AV conferencing setup tailored to the needs of the Executive Director and board-level users.
- v. To ensure seamless audio-visual communication both locally and with remote participants using video conferencing platforms.
- vi. To provide long-term reliability through structured maintenance and support over a defined service lifecycle.

#### **3. Scope of Work:**

##### **3.1 Supply of Equipment as per BOQ:**

- i. Video conferencing system.
- ii. Digital Signal Processor (DSP)
- iii. speakers
- iv. microphones
- v. PTZ cameras
- vi. Professional displays
- vii. Control processor and touch panel
- viii. Amplifiers, mixers, and speakers.
- ix. Cabling, connectors, and mounting accessories etc.

##### **3.2 Installation:**

- i. Install all AV equipment in the Conference Hall and Board Room according to the approved design by Engineer in charge.
- ii. Mount and align display screens for optimal viewing angles.
- iii. Position speakers ,cameras and microphones to ensure balanced sound coverage.
- iv. Install cabling, racks, and power management systems in a neat and secure manner.
- v. Integration with existing infrastructure (if applicable).
- vi. Power supply with cableing to all equipment as per requirement.

**3.3 System Integration:**

- i. Integrate all components into a unified system with a centralized control interface.
- ii. Configure and program control systems to allow intuitive operation, including preset modes for different event types.
- iii. Test and calibrate all equipment to ensure optimal performance.

**3.4 Testing and Commissioning:**

- i. Conduct thorough testing of the AV system to verify functionality and performance.
- ii. Address any issues identified during testing.
- iii. Obtain client sign-off upon successful commissioning.
- iv. Functional testing of all audio and video systems.
- v. Configuration and optimization of DSP, control systems, and cameras.
- vi. System calibration for optimal audio quality and echo cancellation.
- vii. End-to-end commissioning ensuring compatibility, performance, and ease of operation.

**3.5 Training:**

- i. Provide comprehensive training sessions for the client's staff on system operation and troubleshooting.
- ii. Supply user manuals and quick reference guides.

**3.6 Warranty period Maintenance and Support:**

- i. **On-site 3-year warranty after completion of the SITC work, covering all equipment, accessories, and associated cabling. Provide post-installation support and on-site/on call troubleshooting as required.**
- ii. The bidder will provide a 24 x 7 complain registration contact number, Email for Complaint registration during warranty period.
- iii. **Unlimited breakdown calls with a maximum response time of 48 hours, beyond which Liquidated Damages (LD) shall be imposed as per Clause 2. GCC of CPWD works-2023.**
- iv. Replacement of faulty equipment/components including microphones, cameras, speakers, cables, processors and all installed accessories.
- v. Maintenance of installed cabling and connectors.
- vi. Software updates, firmware upgrades, and configuration backup.
- vii. Detailed service report submission after each visit.

**4. Deliverables:**

- i. Detailed AV system design and layout.
- ii. List of all equipment and materials supplied.
- iii. Installed and operational AV system.
- iv. Training materials and user guides.

**5. Timeline:** The project must be completed **within 90 days** from the workorder of the contract.

**6. Quality Assurance:**

- i. All equipment must comply with international standards and certifications.
- ii. Installation and integration work must be performed by certified professionals/ OEM .

**7. Compliance & Standards:**

- i. All equipment must be of reputed make with international certifications (ISO, CE, RoHS, BIS, etc.).
- ii. All installation practices shall follow CPWD norms, Indian Electricity Rules, and industry best practices.
- iii. Safety standards must be ensured during installation and operation.

## Annexure – V

**Technical Bid (Eligibility Criteria)**

The scanned copies of the following mandatory documents to be uploaded on e-Tendering Portal in the following format.

| Sl. No. | Details/ Particulars  | Uploaded (Yes/No) | Page No. |
|---------|---|-------------------|----------|
| (A)     | Submitting Earnest Money Deposit.   |                   |          |
| (B)     | FROM 'A to E' duly filled in and signed with stamp.   |                   |          |
| (C)     | The bidder shall submit a Completion Certificate for similar works, along with the corresponding Work Order and detailed Bill of Quantities (BOQ), issued by a government organization. These documents must be signed by an official not below the rank of Executive Engineer or an equivalent authority.  |                   |          |
| (D)     | Certificate of Registration for GST.  |                   |          |
| (E)     | Attested Copies of PAN No.  |                   |          |
| (F)     | Copies of ESI Registration.   |                   |          |
| (G)     | Copies of EPF Registration.   |                   |          |
| (H)     | The Bidder(s) should have their Registered Office/Branch in Bhubaneswar. If not, an Office should be opened in Bhubaneswar within 30 (Thirty) Days of the award of Work. Details of Address Proof of Office located at Bhubaneswar should be given to EE(Elect.)  |                   |          |
| (I)     | Declarations to be given by the Tenderer(s) (as per Page 11).   |                   |          |
| (J)     | <b>Certificate of Annual turn over of last 3 years duly certified from CA:</b> At the time of submission of bid, bidder may upload affidavit/ certificate from CA mentioning finance turn over for the period specified in the bid document. Further details if required may be asked to the contractor after opening of technical bid. There is no need to upload entire voluminous balance sheet. |                   |          |
| (K)     | Each page of the e-tender documents should be duly signed with seal otherwise the bid shall become invalid.   |                   |          |
| (L)     | OEM Authorization certificate. (Appendix- A)  |                   |          |
| (M)     | Affidavit as per <b>Annexure – VI</b>   |                   |          |
| (N)     | Technical Specification Compliance Sheet  |                   |          |

**Annexure – VI****AFFIDAVIT****(To be submitted on Rs. 10/- Indian Non-Judicial Stamp Paper)**

I/We hereby certify that the above firm has not been ever blacklisted by any Central/State Government/Public Undertaking/Institute on any account.

I/We also certify that the Firm will supply the item(s) as per the specification given by Institution and also abide by all the Terms & Conditions stipulated in the Tender.

I/We also certify that the information given in Bid is true and correct in all aspects and in any case at a later date, it is found that any details provided are false and incorrect, any contract given to the concerned firm or participation may be summarily terminated at any state, the firm will be blacklisted and Institute may impose any action as per e-Tender Rules.

*"I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another Agency on back-to-back basis. Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for bidding in the future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee".*

**Business Address: -**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Place:** \_\_\_\_\_**Name:****(Signature of Bidder with Firm's Seal)****Dated:** \_\_\_\_\_



## Annexure – VII

### FORM OF PERFORMANCE SECURITY (BANK GUARANTEE)

1. In consideration of the Executive Director, AIIMS, Bhubaneswar (hereinafter called “the Government”) having offered to accept the terms and conditions of the proposed agreement between and (hereinafter called “the said Agency(s)”) for the work (hereinafter called “the said agreement”) having agreed to the production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/ guarantee from the Agency(s) for compliance of his obligation in accordance with the terms and conditions in the said agreement.

I/We (hereinafter referred to as Bank) hereby (Indicate the name of the Bank) undertake to pay to the Government an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) on demand by Government.

2. I/We do hereby undertake to pay the (Indicate the name of the Bank) the amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Agency(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only).

3. I/We the said bank undertakes to pay to the Government any money so demanded not withstanding any dispute or disputes raised by the Agency (s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

4. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the Agency (s) shall have no claim against us for making such payment.

5. I/ We further agree that the guarantee herein contained (Indicate the name of Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till Engineer-in-charge on behalf of the Government, certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Agency (s) accordingly discharges this guarantee.

6. I/We further agree with the Government that the (Indicate the name of Bank) Government shall have the fullest liberty without our consent, and without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Agency(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said Agency (s) and to forbear or enforce any of the terms and conditions relating to the said agreement & we shall not be relieved from our liability by reasons of any such variation or extension being granted to the said Agency (s) or for any forbearance, act of omission on that part of the Government or any indulgence by the Government to the said Agency (s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. The guarantee will not be discharged due to the change in the constitution of the Bank or the Agency (s). We lastly undertake not to revoke this (Indicate the name of Bank) guarantee except with the previous consent of the Government in writing.

8. This Guarantee shall be valid up to \_\_\_\_\_ unless extended on demand by Government, notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this Guarantee all our liabilities under the Guarantee shall stand discharged.

Dated the \_\_\_\_\_ day of \_\_\_\_\_ for \_\_\_\_\_

## Annexure – VIII

**Format for Integrity Pact**  
**(To be made on Rs 100/- Judicial Stamp Paper)**

This Agreement is made at.....on this.....day of..... 2025

**BETWEEN**

Executive Director, AIIMS, Bhubaneswar represented through Executive Engineer (Electrical), AIIMS, BHUBANESWAR, ....., (Hereinafter referred to as the) (Address)

“**Principal/Owner**”, which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

**AND**

..... (Name and Address of the Individual/firm/Company) through..... (Hereinafter referred to as the (Details of duly authorized signatory)

“**Bidder/Contractor**” and which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

**Preamble**

WHEREAS, the Principal/Owner has floated the **Tender (NIT No. AIIMS/BBSR/ENGG/ELECT/.....)** (here in after refer red to as “**Tender/Bid**”) and intends to award, under laid down organizational procedure, contract for : “ **Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director’s Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar.**”

**AND** WHEREAS the Principal/Owner values full compliance with all relevant laws of the Land, Rules & Regulations, Economic use of resources, and fairness/ transparency in its relationship with its Bidder(s) and Contractor(s).

**AND** WHEREAS to meet the purpose afore said both the parties have agreed to enter to this Agreement (hereinafter referred to as “**Pact**”), the terms and conditions of which shall also be read as an integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under: -

**Article - 1: Commitment of the Principal/Owner.**

1. The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in, before and during the Tender process, provide to all Bidder(s) the same

information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2. If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offense under the Indian Penal Code (IPC)/Prevention of Corruption Act, 1988 (P C Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

#### **Article - 2: Commitment of the Bidder(s)/Contractor(s)**

1. It is required that each Bidder/Contractor (including their respective officers, employees, and agents) adhere to the highest ethical standard and makes, and report to the Government/Department all suspected acts of **fraud or corruption, or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2. The Bidder(s)/Contractor(s) commit himself to taking 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: -

(a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind what so ever during the Tender process or during the execution of the Contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids, or any other actions to restrict competitiveness or to cartelize in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any offense under the relevant IPC/PC Act. Further, the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

(e) The Bidder(s)/Contractor(s) 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.

3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offenses outlined above or be an accessory to such offenses.

4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged**

**documents in order to induce a public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to a justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action, or influencing a decision through intimidation, threat, or the use of force directly or indirectly, where potential or actual injury may be fall upon a person, his/her reputation or property to influence their participation in the tendering process).

### **Article - 3: Consequences of Breach.**

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right: -

1. If the Bidder(s)/Contractor(s), either before award or during the execution of the Contract has committed a transgression through a violation of Article-2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have power to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may before vigor for a limited period as decided by the Principal/Owner.**

2. **Forfeiture of Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contractor has accrued the right to terminate/determine the Contract according to Article-3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee and Security Deposit of the Bidder/Contractor.

3. **Criminal Liability:** If the Principal/Owner obtains knowledge of the conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of the IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

### **Article - 4: Previous Transgression.**

1. The Bidder declares that no previous transgressions occurred in the last 05 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2. If the Bidder makes an incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by the Principal/Owner.

3. If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

### **Article - 5: Equal Treatment of all Bidders/Contractors/Sub-contractors.**

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all sub-contractors a commitment in conformity with this Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles

laid  
down in this agreement/Pact by any of its Sub-contractors/sub-vendors.

2. The Principal/Owner will enter Pacts on identical terms as this one with all Bidders and Contractors.

3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender, or violate its provisions at any stage of the Tender process, from the Tender process.

#### **Article - 6: Duration of the Pact.**

1. This Pact begins when both parties have legally signed the edit. It expires for the Contractor/Vendor 12 months after the completion of work under the contractor till the continuation of the defect liability period, whichever is more, and for all other bidders, till the Contract has been awarded.

2. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, AIIMS, Bhubaneswar.

#### **Article - 7: Other Provisions.**

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the **Bhubaneswar** of the Principal/Owner, who has floated the Tender.

2. Changes and supplements need to be made in writing. Side agreements have not been unmade.

3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner's holding power of attorney signed by all partners and consortium members. In the case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4. should one or several provisions of this Pact turnout to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

5. It is agreed to terms and conditions that any dispute or difference arising between the parties with regard to the terms of this Agreement/Pact, any action taken by the Owner/Principal in accordance with this **Agreement/Pact, or interpretation thereof shall not be subject to arbitration.**

#### **Article - 8: LEGAL AND PRIOR RIGHTS.**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Pact.

#### **Article – 9: Terms And Conditions of Payment**

##### **Running bill Payment:**

- (i) The Running payments for the work shall be released as per the actual measurement of the work executed at the site by AIIMS, Bhubaneswar.
- (ii) The Security Deposit @ 2.5% of the gross amount of the bill shall be deducted from the running bills, which shall be released after the successful completion of the DLP period from the date of completion of work, without any interest thereupon.
- (iii) 1% of labour cess will be deducted from bills.
- (iv) Delivery Challan of all the material supplied.
- (v) Warranty/Guarantee Certificate if applicable.

- (vi) GST return up-to-date Voucher.
- (vii) No claim certificate (Final bill).
- (viii) The Income Tax as application shall be deducted from the bills unless exempted by the Income Tax Department.
- (ix) In case of any failure of / delay in services, the penalty shall be invoked as per Clause-2 of GCC of CPWD works-2023.
- (x) All melba/rubbish/waste, garbage, etc generated due to any work by the agency, the same shall be disposed of by the Agency to the authorized municipal dumping ground and nothing extra shall be paid on this account. In case of non-removal/disposal in the specified period, a compensation of ₹ 1000/- (Rupee One Thousand only) per day shall be recovered from the Agency.
- (xi) The agency shall submit the final bill along with all the documents related to all schedule registers, documents, etc. related to the work.

**The other terms and conditions are stated below: -**

- (a) All the Terms & conditions of the Tender document will form as the part of this Agreement.
- (b) The agency shall be solely responsible for compliance to provisions of various Labour, Industrial, and any other Laws applicable and all Statutory Obligations such as Wages, Allowances, Compensations, EPF, Bonus, Gratuity, ESI, etc. relating to personnel deployed in AIIMS, Bhubaneswar. The client shall have no liability in this regard.
- (c) The Agency shall be solely responsible for any Accident/Medical/Health related Liabilities/Compensation for the personnel deployed at it at AIIMS, Bhubaneswar site. The Client shall have no liability in this regard.
- (d) Any violation of Instructions/Agreement or Suppression of facts will attract cancellation of Agreement without any reference or any notice period.
- (e) The Contract can be terminated by giving 01 (One) Month Notice by the AIIMS, Bhubaneswar.
- (f) In case of Non-Compliance with the contract, the Client reserves its right to: -
  - (i) Cancel/Revoke the contract; **and/or**
  - (ii) Impose a penalty up to 10% of the total Value of the Contract.
- (g) Performance Security of 5 % of the Contract Value, in the form of a Fixed Deposit Receipt or Bank Guarantee form a scheduled Bank shall be furnished by the Agency at the time of signing of the Agreement.
- (h) There would be no increase in rates payable to the Agency during the Contract Period except any revision by the MoH & FW, Govt. of India.
- (i) The Agency also agrees to comply with the annexed Terms & Conditions of the Tender and amendments thereto from time to time.
- (j) The decision of the Client regarding the interpretation of the Terms & Conditions of the Tender shall be final and binding on the Agency.
- (k) The Agency shall ensure full compliance with the Tax Laws of India with regard to this contract and shall be solely responsible for the same. The Agency shall keep Client fully indemnified against liability of Tax, Interest, Penalty, and any other legal Liability, etc. of the Agency in respect thereof, which may arise. No Service Tax will be paid by AIIMS, Bhubaneswar. The Books of Accounts of the Agency, as regards this outsourcing work, shall be open for examination by the Institute as and when required.
- (l) In case of any dispute between the Agency and Client, the Client shall have the right to

decide. However, all matters of jurisdiction shall be at the Local Courts of Bhubaneswar.

- (m) THIS AGREEMENT will take effect from the \_\_\_\_\_ day of \_\_\_\_\_ Month of \_\_\_\_\_ 20.....(.....)
- (n) This day of \_\_\_\_\_ 20....., both the parties here to have caused their respective commonseals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year mentioned above in Bhubaneswar in the presence of the witness: -

**For and on behalf of the 'AIIMS, Bhubaneswar'**

**For and on behalf of the 'Agency'**

**Signature of the Authorized Official**  
**(Name of the Official with Seal)**

**Signature of the Authorized Official**  
**(Name of the Official with Seal)**

By the said \_\_\_\_\_  
\_\_\_\_\_(Name)  
\_\_\_\_\_ on behalf of 'Agency'  
in the presence of the Witness \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

By the said \_\_\_\_\_  
\_\_\_\_\_(Name)  
\_\_\_\_\_ on behalf of 'Agency'  
in the presence of the Witness \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

**Annexure – IX****PROFORMA OF SCHEDULES****SCHEDULE 'A'****Schedule of quantities: - (ENCLOSED at Page 67)****SCHEDULE 'B'****Schedule of materials to be issued to the contractor.**

| <u>Ser. No.</u> | <u>Description of item</u> | <u>Quantity</u> | <u>Rates in figures &amp; words at which the material will be charged to the contractor</u> | <u>Place of issue</u> |
|-----------------|----------------------------|-----------------|---|-----------------------|
| <u>(1)</u>      | <u>(2)</u>                 | <u>(3)</u>      | <u>(4)</u>  | <u>(5)</u>            |
| <u>NIL.</u>     |                            |                 |   |                       |

**SCHEDULE 'C'****Tools and plants to be hired to the contractor**

| <u>Ser. No.</u> | <u>Description</u> | <u>Hire charges per day</u> | <u>Place of Issue</u> |
|-----------------|--------------------|-----------------------------|-----------------------|
| <u>(1)</u>      | <u>(2)</u>         | <u>(3)</u>                  | <u>(4)</u>            |
| <u>NIL</u>      |                    |                             |                       |

**SCHEDULE 'D'****Additional Condition and specifications: Enclosed.****SCHEDULE 'E'****(Reference to General conditions of Contract.)**

Name of Work                      **"Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar."**

Estimated Cost of Work ₹ **59,80,422.00** /- including GST.

- |     |                       |   |                                      |
|-----|-----------------------|---|--------------------------------------|
| (a) | Earnest Money         | = | <b><u>02% of Estimated Cost.</u></b> |
| (b) | Performance Guarantee | = | <b><u>05% of Tendered Value</u></b>  |
| (c) | Security Deposit      | = | <b><u>2.5% of Tendered Value</u></b> |

**SCHEDULE 'F'****GENERAL RULES & DIRECTIONS:****Officer Inviting Tender: - Executive Engineer (Elect.), AIIMS, Bhubaneswar**



Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined: -

In accordance with Clause -12.2 &12.3 = 100%

### Definitions

See below

|         |  |  |
|---------|--|--|
| 2 (v)   | Engineer-in-Charge   | Executive engineer , Electrical<br>AIIMS, Bhubaneswar  |
| 2(viii) | Accepting Authority  | Executive Director<br>AIIMS, Bhubaneswar   |
| 2(x)    | Percentage on cost of materials and labor to cover all over heads and profit | 15%  |
| 2(xi)   | Standard Schedule of Rates   | Central Public Works Department Delhi<br>Schedule of Rates (E & M) - 2025 with up to date correction slips |
| 9(ii)   | Standard AIIMS Contract Form   | <b>CPWD GCC Construction Works - 2023</b><br>as amended and up to and including correction slip            |

|      |   |                |
|------|---|----------------|
| (i)  | Time allowed for submission of Performance guarantee, Program: Chart (Time & Progress) and applicable Labor Licenses, Registration with EPFO, ESIC & BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance | 07 Days        |
| (ii) | Maximum allowable Extension with late fee @ 0.1% of Performance: guarantee amount beyond the period provided in (i) above.  | 01 to 15 days. |

### Clause – 2.

Authority for fixing compensation under Clause 2 : Executive Director, AIIMS, Bhubaneswar

### Clause – 2A.

Whether Clause 2A shall be applicable : No

### Clause – 5.

|                                    |   |  |
|------------------------------------|---|--|
| Time allowed for execution of work | : | <b>90 days</b>                                       |
| Time of start of work:             |   | Within Seven days after issue of Award of work Order |

| Sl no   | Description of Milestone                 | Time Allowed in days                               | Amount to be withheld in case of non achievement of Milestone |
|---|--|--|---|
| 1   | Submission of drawing for vetting by EIC | <b>15 days</b>                                     |   |
| 2   | Supply of all materials as per BOQ       | 45 days  |   |
| 3   |  |  |   |
| Authority to decide fair & reasonable extension of time: for completion of work |  | <b>Superintending Engineer, AIIMS, Bhubaneswar</b> |   |
| Rescheduling of Milestones  |  | <b>Superintending Engineer, AIIMS, Bhubaneswar</b> |   |

### Clause – 6.

|  |     |
|--|-----|
| Whether Clause 6 (Computerized MB) shall be applicable | Yes |
|--|-----|

|  |   |  |
|--|---|--|
| <b>Clause – 7A.</b>  |   |  |
| Whether clause 7A shall be applicable  | : | YES.   |
| <b>Clause – 10B.</b>   |   |  |
| Whether Clause 10B(i) shall be applicable  | : | YES.   |
| <b>Clause – 10C.</b>   |   |  |
|  | : | Not applicable.  |
| <b>Clause – 10CC</b>   |   |  |
|  | : | Not applicable.  |
| <b>Clause – 11.</b>  |   |  |
|  | : | CPWD General Specification for Electrical Works 2023   |
| <b>Clause – 16.</b>  |   |  |
| Competent Authority for deciding reduced rates   | : | Superintending Engineer<br>AIIMS, Bhubaneswar  |
| <b>Clause – 25.</b>  |   |  |
| (i) <u>Conciliator</u>   | : | Dispute Redressal Committee (DRC) to be constituted by<br>Executive Director, AIIMS, Bhubaneswar |
| (ii) <u>Arbitrator Appointing Authority</u>  | : | Executive Director, AIIMS, Bhubaneswar   |
| (iii) <u>Place of Arbitration</u>  | : | Bhubaneswar  |
| <b>Clause – 32.</b> Requirement of Technical Staff and rate of recovery in case of non-compliance shall be as per the following table :- |   |  |

| Value of Work                         | Ser. No | Minimum qualification of Technical Representative | Discipline | Designation (Principal Technical/ Technical representative) | Minimum Experience in years                                      | Number | Rate at which recovery shall be made from the Agency in the event of not fulfilling provision of clause 32 |                          |
|---------------------------------------|---------|---|------------|---|--|--------|--|--------------------------|
|                                       |         |   |            |   |  |        | (Figures)  | (Words)                  |
| For Agreement amount upto Rs150 Lakhs | (a)     | Graduate Engineer OR Diploma Engineer             | Elect.     | Principal Technical representative                          | 02 years for Graduate Engineer/<br>05 years for Diploma Engineer | 2      | Rs 30000.00/-  | Rs. Thirty Thousand only |

## Annexure – X

### TECHNICAL SPECIFICATION COMPLIANCE SHEET

| SL No: 1 | Digital Tabletop Chairman Unit Microphone |                      |            |         |
|----------|---|----------------------|------------|---------|
|          | Description of Materials                  | Minimum Requirements | Compliance | Remarks |

Executive Engineer (Elect.)

eNIT-ELECT/77/2025

(Signature of the Bidder with Seal)

|    |                                       |  |  |  |
|----|---------------------------------------|--|--|--|
| 1  | Type                                  | Wired Table Top unit with built in speaker and Rj45 Loop in and out  |  |  |
| 2  | Speaker                               | Internal high-fidelity loudspeaker   |  |  |
| 3  | Transmit technology                   | High fidelity sound by zero loss audio transmit technology   |  |  |
| 4  | Audio Sampling and Frequency response | 48K audio sampling rate and 20Hz ~ 20KHz frequency response  |  |  |
| 5  | Special Features                      | Support AGC (Automatic Gain Control, 15 segment) / AFC (Adaptive Feedback Cancellation)/ ANC(Active Noise Control 15 segment)/ Mix (Auto-Mix) technology or better |  |  |
| 6  | Chairman Priority                     | Chairman unit has priority to close all other units or mute them temporarily and consent the request for speaking from delegate                                    |  |  |
| 7  | Control & Indicators                  | OLED Display, MIC ON/OFF, Chairman unit with priority button and consent button for the delegates, Volume up and down  |  |  |
| 8  | Interfaces                            | Socket for Pluggable Gooseneck microphone , 3.5mm stereo Headphone jack , RJ45 Connectors  |  |  |
| 9  | Input impedance                       | 2 kΩ or better   |  |  |
| 10 | Signal to Noise Ratio                 | 70 dB or better  |  |  |
| 11 | Frequency response                    | 20 ~ 20000Hz or better   |  |  |
| 12 | Microphone                            | Cardioid, Sensitivity--46dBV/Pa or better  |  |  |
| 13 | Warranty                              | Minimum <b>3-year onsite warranty</b>  |  |  |

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| SL No: 2 | Digital Table Top Delegate Unit Microphone |   |            |         |
|----------|--|---|------------|---------|
|          | Description of Materials                   | Minimum Requirements  | Compliance | Remarks |
| 1        | Type                                       | Wired Table Top unit with built in speaker and Rj45 Loop in and out |            |         |

|    |                                       |   |  |  |
|----|---------------------------------------|---|--|--|
| 2  | Speaker                               | Internal high-fidelity loudspeaker  |  |  |
| 3  | Transmit technology                   | High fidelity sound by zero loss audio transmit technology  |  |  |
| 4  | Audio Sampling and Frequency response | 48K audio sampling rate and 20Hz ~ 20KHz frequency response   |  |  |
| 5  | Special Features                      | Support AGC (Automatic Gain Control, 15 segment)/ AFC (Adaptive Feedback Cancellation)/ ANC(Active Noise Control 15 segment)/ Mix (Auto-Mix) technology or better |  |  |
| 6  | Control & Indicators                  | OLED Display, MIC ON/OFF, Volume up and down  |  |  |
| 7  | Interfaces                            | Socket for Pluggable Gooseneck microphone<br>3.5mm stereo Headphone jack<br>2 nos RJ45 Connectors   |  |  |
| 8  | Input impedance                       | 2 kΩ or better  |  |  |
| 9  | Signal to Noise Ratio                 | 70 dB or better   |  |  |
| 10 | Frequency response                    | 20 ~ 20000Hz or better  |  |  |
| 11 | Microphone                            | Cardioid, Sensitivity--46dBV/Pa or better   |  |  |
| 12 | Certifications                        | CE,FCC and RoHS   |  |  |
| 13 | Make / model                          | To Be Specified by the Bidder   |  |  |
| 14 | Warranty                              | Minimum <b>3-year onsite warranty</b>   |  |  |

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| SL No: 3   | SITC of Extension Box for Microphone Power |                        |                     |         |
|--|--|------------------------|---------------------|---------|
|  | Description of Materials                   | Minimum Requirements   | Compliance (Yes/No) | Remarks |
| 1  | INPUT/OUTPUT TERMINAL                      | RJ45 NETWORK loop PORT |                     |         |
| 2  | POWER SUPPLY (AC)                          | 110-240V, 50/60HZ      |                     |         |
| <b>Note:</b><br>Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed. |  |                        |                     |         |

| SL No: 4 | SITC of Digital Conference Controller System |  |            |         |
|----------|--|--|------------|---------|
|          | Description of Materials                     | Minimum Requirements   | Compliance | Remarks |
| 1        | Technology                                   | The unique digital ring network technology achieve full-digital signal transmission and processing |            |         |

|    |                                       |  |  |  |
|----|---------------------------------------|--|--|--|
| 2  | Audio Sampling and Frequency response | 48K audio sampling rate and 20Hz ~ 20KHz frequency response or better  |  |  |
| 3  | Special Features                      | Output 16 segment equalized EQ to achieve sound field adjustment; pressure limit, which can recognize the noise gate passed by human voice. AGC automatic volume gain control; AFC automatic feedback suppression and auto-mix technology, advanced noise cancellation technology, Echo cancellation or better   |  |  |
| 4  | Output Zone Control                   | 6 separated output zones function, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle. or better   |  |  |
| 5  | Recording                             | USB audio recording or better  |  |  |
| 6  | Discussion Units Support              | Single controller can support up to 100 units or better  |  |  |
| 7  | Audio Input                           | 2 channel audio input, XLR or RCA type, for local audio input or remote video-conferencing input or better   |  |  |
| 8  | Audio Output                          | 8-channel audio output, XLR, RCA and Phoenix type, can be connected to simultaneous interpretation output or partitioned output or better  |  |  |
| 9  | Control Port                          | RS232 central control, realize microphone switch, priority, volume and other control   |  |  |
| 10 | Camera Control                        | RS232 or RS485 to send the PELCO/VISCA protocol to realize camera auto-tracking function or better   |  |  |
| 11 | Discussion modes                      | "OPEN" Free for all, limited by the active units setting by controller, "VOICE" Can activate MIC by detecting sound without press button, "OVERRIDE" First in First out, "APPLY" To apply then to speak,   |  |  |
| 12 | Control & Indicators                  | LCD display to show all the operations and results<br>4-Way button for menu operate One-button press to start recording light indicator Master volume control knob   |  |  |
| 13 | Interfaces                            | Front panel USB recording interface, 3.5mm headphone for monitoring, 1 nos RCA audio input, 1 nos XLR audio input, 1 nos RCA audio output, 1 nos XLR audio output<br>6 nos Phoenix audio output connector, 2 nos RJ45 digital audio connection, 2 nos RJ45 for chairman unit, delegate unit, unit translators and other connection, 1 nos RJ45 for wireless AP or router, 1 nos DB9 male interface for external control, 1x DB9 female interface for camera ,1 nos three-pin phoenix interface for camera control keyboard, 1x RJ45 for computer connection or network switcher, |  |  |
| 14 | Make                                  | The controller unit should be from the same OEM of Chairman & Delegate Units. Separate make controller will not be accepted and technically rejected.  |  |  |

|   |              |                                       |  |  |
|---|--------------|---------------------------------------|--|--|
| 13  | Warranty     | Minimum <b>3-year onsite warranty</b> |  |  |
| 14  | Make / model | To Be Specified by the Bidder         |  |  |
| <b>Note:</b> <ul style="list-style-type: none"> <li>The bidder must submit Manufacturer Authorization Certificates (MAF) from the respective Original Equipment Manufacturer (OEM), as per Appendix–A, for the quoted items.</li> <li>The above technical specification compliance sheet must be duly filled, signed, and submitted by an authorized person from the OEM on the OEM's letterhead. This is mandatory for technical qualification.</li> <li>Bids submitted without valid OEM MAFs and a properly completed technical specification compliance sheet will be summarily rejected during the technical bid evaluation stage</li> </ul> |              |                                       |  |  |

| SL No: 5 | Digital Signal Processor (DSP) |  |            |         |
|----------|--------------------------------|--|------------|---------|
|          | Description of Materials       | Minimum Requirements   | Compliance | Remarks |
| 1        | Digital Signal Processor       | The DSP should have a 100% Full Duplex Echo Canceling – no attenuation during full-duplex.   |            |         |
| 2        |                                | The system should be Automatic echo cancellation(AEC).   |            |         |
| 3        |                                | The system should be Automatic Gain Control (AGC).   |            |         |
| 4        |                                | The system should be Dynamic Noise reduction.  |            |         |
| 5        |                                | The should have frequency response between 20 Hz – 20 KHz or better  |            |         |
| 6        |                                | The DSP should have USB port for integrating with Unified Software solutions like Skype, Lync, etc.  |            |         |
| 7        |                                | DSP Should have dual capability of Local Sound Reinforcement and Far end Audio to be sent for Video conferencing at the same time without any Noise and Echo. Whatever teacher or student speaks through Collar or hand held microphone and Gooseneck microphone all should be Going to Far end Location over Video Conference and also should come out of Speakers for local Sound Reinforcement so that everyone present in class can also hear clearly. |            |         |
| 8        |                                | The DSP should have inbuilt Amplifier. It should come as one single unit as DSP-cum-Amplifier, from day 1.   |            |         |
| 9        | Amplifier Features             | The system having inbuilt digital amplifier.   |            |         |
|          |                                | The Amplifier should consist of a 200 Watts ( 100 Watts x 2) at 8 Ohms or more   |            |         |
| 10       |                                | The Amplifier should have S/N Ratio of >80dB.  |            |         |
| 11       |                                | The Amplifier should be inbuilt with DSP from day 1. Amplifier & DSP should come as single unit.   |            |         |
| 12       |                                | Unbalanced MIC input ( 1x 6.5mm phono jack )with gain control  |            |         |
| 13       |                                | Balanced 48v/12v phantom mic inputs (2x Phoenix ports) with separate gain controller   |            |         |
| 14       |                                | Line input - 1 nos 2RCA  |            |         |
| 15       |                                | Line Output - 1 nos 2RCA   |            |         |

|    |                |   |  |  |
|----|----------------|---|--|--|
| 16 |                | USB voice interface nos 1 or more   |  |  |
| 17 |                | It should have 1 nos RS232 port for controlling                                       |  |  |
| 18 |                | The system should be standard 19 inches Rack Mountable                                |  |  |
| 19 | Certification  | Proposed product must have CE, RoHS, FCC certification. Copy to be attached as proof. |  |  |
| 20 | Make and Model | To Be Specified by the Bidder   |  |  |
| 21 | Warranty       | Minimum <b>3-year onsite warranty</b>   |  |  |

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| SL No: 6                     | Wireless Handheld Microphone |  |            |         |
|------------------------------|------------------------------|--|------------|---------|
|                              | Description of Materials     | Minimum Requirements   | Compliance | Remarks |
| <b>Receiver</b>              |                              |  |            |         |
| 1                            | Wireless Microphone System   | It should be supplied with 1 Wireless Handheld microphones                     |            |         |
| 2                            | Out Put                      | The receiver should have 1 number Output                                       |            |         |
| 3                            | Frequency Band               | The Microphones & Receiver should work on UHF frequency band.                  |            |         |
| 4                            | Frequency Response           | The Microphone should have a frequency response of 40Hz to 17000 Hz or better. |            |         |
| 5                            | Antennas                     | It should have as 2x Antennas  |            |         |
| 6                            | Interface                    | It should have 1x output port as 6.3mm phono type. or better.                  |            |         |
| 7                            | Mount                        | It should have 1 Rack unit high with ability to mount in rack.                 |            |         |
| 8                            | Power                        | It should be supplied with 12 V DC power adapter.                              |            |         |
| <b>Hand Held Transmitter</b> |                              |  |            |         |
| 9                            | RF Output Power              | 10 mW (Max) or better.   |            |         |
| 10                           | Carrier Frequency Range      | 600 - 699MHZ or better.  |            |         |
| 11                           | Modulation Mode              | FM   |            |         |
| 12                           | Microphone Element           | Dynamic, Cardioid  |            |         |
| 13                           | Frequency Response           | 50-15,000HZ or better.   |            |         |
| 14                           | Current Consumption          | < 150m   |            |         |
| 11                           | Make and Model               | To be specified by bidder  |            |         |
| 12                           | Warranty                     | Minimum <b>3-year onsite warranty</b>  |            |         |

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| SL No: 7 | Wall mounted Speaker       |  |            |         |
|----------|----------------------------|--|------------|---------|
|          | Description of Materials   | Minimum Requirements   | Compliance | Remarks |
| 1        | Enclosure Material         | The system should be made of ABS Plastic                           |            |         |
| 2        | Woofers type               | The system should be have polypropylene cone woofer                |            |         |
| 3        | Woofers size               | The system should be have woofer size of 5.25" or higher           |            |         |
| 4        | Tweeter type               | The system should be have Titanium dome type Tweeter               |            |         |
| 5        | Tweeter size               | The system should be have Tweeter size of 1" or higher             |            |         |
| 6        | Frequency response         | It should be frequency bandwidth 90HZ – 20 kHz or better.          |            |         |
| 7        | Impedance                  | It should have impedance of 8 ohms or higher                       |            |         |
| 8        | SPL (Sound Pressure Level) | It should have SPL of 90dB or higher                               |            |         |
| 9        | Power (RMS)                | It should have 50 watts or higher Power (RMS)                      |            |         |
| 10       | Connectors                 | It should have 1 (one) pair metal binding terminal type connectors |            |         |
| 11       | Type of Mounting           | It should be wall-mounting or higher                               |            |         |
| 12       | Dual axis Mounting         | It can be mounted vertically or horizontally in both axis          |            |         |
| 13       | Make and Model             | To be specified by bidder  |            |         |
| 14       | Warranty                   | Minimum <b>3-year onsite warranty</b>                              |            |         |

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| SL No: 8 | Digital Audio Amplifier  |  |            |         |
|----------|--------------------------|--|------------|---------|
|          | Description of Materials | Minimum Requirements   | Compliance | Remarks |
| 1        | Gain Control             | The system should have the facility to control the gain of microphone. |            |         |



|    |                    |   |  |  |
|----|--------------------|---|--|--|
| 2  | Indicator          | The system should have LED indicator for status.                                      |  |  |
| 3  | Frequency Response | The Frequency response should be 20Hz – 20000 Hz.                                     |  |  |
| 4  | Amplifier Type     | The system should be Class-D type digital amplifier with with Bass, treble Equalizer. |  |  |
| 5  | Channel            | It should have 2 channel stereo output  |  |  |
| 6  | Power              | The Amplifier should have 200 Watts at 8 Ohms   |  |  |
| 7  | Channel            | The Amplifier should be inbuilt with 2 channel from day 1.                            |  |  |
| 8  | Line Input         | It should have Line Inputs as 1 nos 2 RCA   |  |  |
| 9  | Line Output        | It should have Line Outputs as 1 nos 2 RCA  |  |  |
| 10 | Mic Input          | It should have 2 nos phoenix Microphone Inputs with separate gain controller          |  |  |
| 11 | Unbalanced Input   | It should have 1 Unbalanced Microphone 6.5mm Phono Input with gain controller         |  |  |
| 12 | RS232 port         | Amplifier should have 1 nos RS232 port for controlling                                |  |  |
| 13 | Form Factor        | The system should be standard 19 inches Rack Mountable or better.                     |  |  |
| 14 | Certification      | CE, FCC and RoHS Certification  |  |  |
| 18 | Make and Model     | To Be Specified by the Bidder   |  |  |
| 19 | Warranty           | Minimum <b>3-year onsite warranty</b>   |  |  |

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| SL No: 9 | SITC of AI based video conferencing camera |                      |            |         |
|----------|--|----------------------|------------|---------|
|          | Description of Materials                   | Minimum Requirements | Compliance | Remarks |

|    |                          |   |  |  |
|----|--------------------------|---|--|--|
| 1  | Sensor                   | 1/2.8 inches CMOS, Effective pixels: 8.42 Megapixels or better                      |  |  |
| 2  | Lens                     | f3.47mm-41.65mm, F1.84-F3.72 or better  |  |  |
| 3  | Diagonal FOV             | 66.6° or better   |  |  |
| 4  | Horizontal FOV           | 60° ~ 3.5° or better  |  |  |
| 5  | Vertical FOV             | 35.7° ~ 2.0° or better  |  |  |
| 6  | Video Format             | YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps or better |  |  |
| 7  | Signal system            | 4K/30, 4K/25, 1080P/30, 1080P/25 or better  |  |  |
| 8  | Scanning mode            | Progressive   |  |  |
| 9  | Optical Zoom             | 20X Optical Zoom or better  |  |  |
| 10 | Digital zoom             | 16X Digital Zoom or better  |  |  |
| 11 | AI Feature               | Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking            |  |  |
| 12 | Minimum illumination     | 0.5Lux@(F1.8,AGC ON) or better  |  |  |
| 13 | Shutter                  | 1/30s- 1/10000s or better   |  |  |
| 14 | White balance            | Auto indoor,outdoor,one push, manual VAR  |  |  |
| 15 | Backlight compensation   | Support   |  |  |
| 16 | Digital noise reduction  | 2D AND 3D Digital noise reduction   |  |  |
| 17 | SNR                      | >55dB   |  |  |
| 18 | Pan angle                | 170° or better  |  |  |
| 19 | Tilt angle               | -30° - 90° or better  |  |  |
| 20 | Pan speed                | 2.7° - 35.7°/s or better  |  |  |
| 21 | Tilt speed               | 2.7° - 31.5°/s or better  |  |  |
| 22 | Image flip               | Support   |  |  |
| 23 | Present position         | 255 or better   |  |  |
| 24 | Video compression        | H.264/MJPEG or better   |  |  |
| 25 | Video stream             | Dual Stream (First and Second Stream) or better                                     |  |  |
| 26 | First stream resolution  | 3840x2160, 1920x1080, 1280x720 etc. or better                                       |  |  |
| 27 | Second stream resolution | 1920x1080, 1280x720, 1024x576 etc. or better  |  |  |
| 28 | Video bit rate           | 32kbs-20480kpbs or better   |  |  |
| 29 | Bit rate control         | VBR,CBR   |  |  |
| 30 | Frame rate               | 50Hz1fps-25fps,60fps-30fps or better  |  |  |
| 31 | Audio compression        | AAC   |  |  |
| 32 | Audio bit rate           | 96kpbs,128kpbs,256kpbs  |  |  |
| 33 | Protocols                | NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, SRT, GB/T28181, Multicast    |  |  |

|    |                   |   |  |  |
|----|-------------------|---|--|--|
| 34 | USB interface     | 1 nos USB 3.0 Type-C  |  |  |
| 35 | HD output         | 1 nos HDMI  |  |  |
| 36 | Network interface | 1 nos RJ45: 10M/100M/1000M Adaptive Ethernet  |  |  |
| 37 | Audio interface   | 1 nos Line In (3.5mm jack)  |  |  |
| 38 | Control interface | 1 nos RJ45 (IN), 1 nos RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P |  |  |
| 39 | Accessory         | IR Remote Control and Wall Mount kit (included as standard accessory)                               |  |  |
| 40 | Certifications    | BIS (Indian), CE, FCC, RoHS, and CB Certification   |  |  |
| 41 | Make and Model    | To Be Specified by the Bidder   |  |  |
| 42 | Warranty          | Minimum <b>3-year onsite warranty</b>   |  |  |

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| SL No: 10 | 4K UHD Wireless Presenter   |   |            |         |
|-----------|-----------------------------|---|------------|---------|
|           | Description of Materials    | Minimum Requirements  | Compliance | Remarks |
| SL No     | Parameter                   | Specifications  |            |         |
| 1         | HDMI Out                    | Device must have 2 no. of HDMI Out for connecting display to it.  |            |         |
| 2         | HDMI In                     | Device must have 1 no. of HDMI Input  |            |         |
| 3         | Sharing capabilities/Modes  | Device should support content sharing by using a USB based dongle, dedicated Software and by using smartphones (Airplay/MiraCast) |            |         |
| 4         | Dongles                     | It should be supplied with 1x dongles from Day 1.   |            |         |
| 5         | Resolution                  | 3840x2160 4K 60Hz, 1920x1080, 1024x768 or better  |            |         |
| 6         | The most qty display screen | Up to 9 simultaneous screens or better  |            |         |
| 7         | Frame Rate                  | Audio&Video 18~60Frame / Audio&Video 18~30Frame or better   |            |         |
| 8         | HDMI output Resolution      | Max 3840x2160 4K 60Hz or better   |            |         |
| 9         | Input Power                 | 12V DC  |            |         |
| 10        | Wi-Fi antenna               | 4 or more   |            |         |
| 11        | Transmit distance           | 50 meters or more   |            |         |
| 12        | CPU                         | ARM Cortex A55 x 4 or higher  |            |         |
| 13        | RAM & ROM                   | 8 GB & 32GB or higher   |            |         |
| 14        | External Control Port       | RS232   |            |         |

|    |                       |   |  |  |
|----|-----------------------|---|--|--|
| 15 | WiFi                  | Yes                                       |  |  |
| 16 | LAN Connectivity      | RJ45                                      |  |  |
| 17 | USB Type - A          | USB x 3 or more                           |  |  |
| 18 | USB Type - C          | 1x Type-C Port or more                    |  |  |
| 19 | Operating temperature | 0°C ~ 40°C(working temperature) or higher |  |  |
| 20 | Relative Humidity     | 10% ~ 90%(working humidity) or higher     |  |  |
| 21 | Make and Model        | To Be Specified by the Bidder             |  |  |
| 22 | Warranty              | Minimum <b>3-year onsite warranty</b>     |  |  |

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| SL No: 11 | 65 inch (4K UHD) Display |   |            |         |
|-----------|--------------------------|---|------------|---------|
|           | Description of Materials | Minimum Requirements                                  | Compliance | Remarks |
| 1         | Display Panel Size       | 65 Inches or higher                                   |            |         |
| 2         | Light Source             | DLED backlight  |            |         |
| 3         | Resolution               | 3840 × 2160 (4K UHD) or higher                        |            |         |
| 4         | Refresh Rate             | 60Hz or higher  |            |         |
| 5         | Aspect Ratio             | 16:9 or better  |            |         |
| 6         | Display Colour           | 1.07 Billion colours (10-bit) or higher               |            |         |
| 7         | Surface                  | 4mm Anti-glare tempered glass or higher               |            |         |
| 8         | Brightness               | Upto 450 cd/m <sup>2</sup> or better                  |            |         |
| 9         | Contrast Ratio           | 4000:1 or better                                      |            |         |
| 10        | Viewing Angle            | 178° (H/V) or higher                                  |            |         |
| 11        | Response Time            | 8 ms or less  |            |         |
| 12        | Backlight Life           | ≥ 50,000 hours or better                              |            |         |
| 13        | Touch Technology         | IR Touch  |            |         |
| 14        | Touch Points             | 40 touch points on Android & Windows or higher        |            |         |
| 15        | Touch Response           | ≤ 5ms or less   |            |         |
| 16        | Touch Accuracy           | ± 1mm or less   |            |         |
| 17        | CPU                      | Quad Core A73, 1.5GHz or higher                       |            |         |
| 18        | GPU                      | Mali G52 or higher                                    |            |         |
| 19        | RAM + ROM                | 8GB RAM + 128GB Storage or higher                     |            |         |
| 20        | Operating System         | Android 14.0 with <b>EDLA Certification</b> or higher |            |         |
| 21        | Wi-Fi                    | 802.11 a/b/g/n/ac/ax (2.4GHz/5GHz) or higher          |            |         |
| 22        | Bluetooth                | 5.2 or latest   |            |         |
| 23        | Speakers                 | 2 × 20W or better                                     |            |         |

|    |                       |   |  |  |
|----|-----------------------|---|--|--|
| 24 | Interfaces (Front)    | 2 × USB 3.0, 1 × HDMI IN, 1 × Touch USB, 1 × Type-C, Power Button   |  |  |
| 25 | Interfaces (Onboard)  | TF Card Slot ×1, USB 2.0 ×1, USB 3.0 ×1, Touch USB ×1, HDMI IN ×2 (1 ARC), RS232 ×1, Line Out ×1, Coax ×1, 3.5mm Jack ×1, RJ45 IN ×1  |  |  |
| 26 | Whiteboard Features   | Multi-touch interactive whiteboard (up to 20 points), handwriting-to-text, AI shape recognition, math/science tools, sticky notes, text editing, real-time collaboration, export to PDF, YouTube & Google integration, browser panel, 3D model viewer, screen capture |  |  |
| 27 | Power Consumption     | 100–240V AC or better   |  |  |
| 28 | Environmental Factors | Operating Temp 0°C –40°C, Humidity 10%–90% RH, Storage Temp –20–60°C or better  |  |  |
| 29 | Accessories           | Power Cord ×1, Stylus Pen ×2, Wall Mount Kit ×1, Remote Control ×1, User Manual ×1  |  |  |
| 30 | Certifications        | EDLA (Google Enterprise Device Licensing Agreement), BIS, CE, FCC & RoHS  |  |  |
| 31 | Make and Model        | To Be Specified by the Bidder   |  |  |
| 32 | Warranty              | Minimum <b>3-year onsite warranty</b>   |  |  |

**Note:**

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| SL No: 12 | OPS                      |  |            |         |
|-----------|--------------------------|--|------------|---------|
|           | Description of Materials | Minimum Requirements   | Compliance | Remarks |
| 1         | OPS                      | Interactive display must have 80 Pin OPS slot or higher  |            |         |
| 2         | Processor                | It should have Intel i5 processor or higher with Licensed Windows 11 IOT GAC OS. 12th generation or higher |            |         |
| 3         | RAM                      | It should have RAM of 8GB or higher  |            |         |
| 4         | ROM / Storage memory     | It should have memory storage of 256GB SSD or higher   |            |         |
| 5         | Interface                | It should have USB2.0 nos 2 ports,   |            |         |
|           |                          | USB3.0 nos 4 ports,  |            |         |
|           |                          | DP out nos 1 port,   |            |         |
|           |                          | HDMI out nos 1 port.   |            |         |
| 6         | Network                  | It should have RJ45 LAN port nos 1   |            |         |
| 7         | WiFi                     | It should have inbuilt WiFi with two antennas.   |            |         |
| 8         | Bluetooth                | It should have Bluetooth version 4.0 or above  |            |         |
| 9         | Audio ports              | It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mm nos 1 port.                                    |            |         |
| 10        | Warranty                 | Minimum <b>3-year onsite warranty</b>  |            |         |

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| SL No: 13 | 4K Video Conference Camera, Speakers with microphone |  |            |         |
|-----------|--|--|------------|---------|
|           | Description of Materials                             | Minimum Requirements   | Compliance | Remarks |
| 1         | Package  | It should be All-In-One Video Bar with Integrated 4K Camera, Microphones, & Speakers |            |         |
| 2         | Camera Sensor  | 1/2.5" UHD CMOS Sensor, 8.51 Megapixels or higher                                    |            |         |
| 3         | Resolution   | 4K (3840×2160) @30fps, compatible with 1080p and 720p or higher                      |            |         |
| 4         | Field of View  | 121° (DFOV), 110° (HFOV), 75° (VFOV) or higher                                       |            |         |
| 5         | Zoom Capability                                      | 5x Digital Zoom or higher  |            |         |
| 6         | PTZ  | Mechanical PTZ ±15° with ePTZ or higher  |            |         |
| 7         | Noise Reduction                                      | 2D & 3D Digital Noise Reduction  |            |         |
| 8         | Backlight Compensation                               | Supported  |            |         |
| 9         | Signal-to-Noise Ratio (SNR)                          | ≥ 55 dB  |            |         |
| 10        | Microphone Type                                      | Built-in Beamforming Microphone Array  |            |         |
| 11        | Number of Microphones                                | Minimum 4 Beamforming Microphones or higher  |            |         |
| 12        | Microphone Pickup Range                              | Up to 6 meters or higher   |            |         |
| 13        | External Mic Support                                 | Yes  |            |         |
| 14        | Audio Processing                                     | Built-in 3A Algorithm (AEC / AGC / ANS), Full-Duplex Communication                   |            |         |
| 15        | Speaker Type   | Full-Frequency Hi-Fi Loudspeaker   |            |         |
| 16        | Speaker Output                                       | Minimum 5 Watts, 96 dB SPL @ 0.5 meters or higher                                    |            |         |
| 17        | USB Interface  | USB 3.0 Type-C (Downward compatible with USB 2.0), USB 2.0 Type-A                    |            |         |
| 18        | Video Compression Format                             | H.264 / MJPEG / YUY2 / NV12 or better  |            |         |
| 19        | Frequency Response                                   | 20Hz – 20KHz or better   |            |         |
| 20        | Audio over USB                                       | UAC 1.0, 32K Sampling Rate or better   |            |         |
| 21        | Video over USB Protocol                              | UVC 1.1 ~ 1.5 or better  |            |         |
| 22        | HDMI Output  | 1 x HDMI 2.0 or higher   |            |         |
| 23        | Bluetooth  | Bluetooth 5.0 or higher  |            |         |
| 24        | Wireless Connectivity                                | WiFi and Infrared  |            |         |
| 25        | Control Method                                       | Remote Control via 2.4G Wireless Remote or better                                    |            |         |

|    |                        |   |  |  |
|----|------------------------|---|--|--|
| 26 | AI Capabilities        | Intelligent Framing, Auto Speaker Tracking, Auto Switch Based on Speaker      |  |  |
| 27 | Plug & Play Support    | USB Plug-and-Play for PC/Display Integration (No additional drivers required) |  |  |
| 28 | Installation Options   | Desktop, Wall Mount, TV/Display Mount   |  |  |
| 29 | Security               | Anti-theft Lock Slot  |  |  |
| 30 | Software Compatibility | Zoom, Google Meet, Teams, InstaVC, and all UVC-compatible apps                |  |  |
| 31 | Certifications         | BIS (India), CE, FCC, and RoHS  |  |  |
| 32 | Make and Model         | To Be Specified by the Bidder   |  |  |
| 33 | Warranty               | Minimum <b>3-year onsite warranty</b>   |  |  |

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| SL No: 14 | 75 inch Display          |                                   |            |         |
|-----------|--------------------------|-----------------------------------|------------|---------|
|           | Description of Materials | Minimum Requirements              | Compliance | Remarks |
| 1         | Display Panel Size       | 75 Inches or higher               |            |         |
| 2         | Light Source             | DLED backlight                    |            |         |
| 3         | Resolution               | 3840 × 2160 (4K UHD) or higher    |            |         |
| 4         | Aspect Ratio             | 16:9 or better                    |            |         |
| 5         | Operation Time           | 7 daysx24 hours                   |            |         |
| 6         | Brightness (typ)         | 500 cd/m2 or higher               |            |         |
| 7         | Display Orientation      | Landscape & Portrait              |            |         |
| 8         | Viewing Angle            | 178°                              |            |         |
| 9         | GPU                      | MaliG51 or higher                 |            |         |
| 10        | RAM + ROM                | 4GB RAM + 32 GB Storage or higher |            |         |
| 11        | Operating System         | Android 11 or higher              |            |         |
| 12        | Wi-Fi                    | Available                         |            |         |
| 13        | Speakers                 | 2 × 10 W or better                |            |         |
| 14        | HDMI IN                  | 2 or better                       |            |         |
| 15        | HDMI Output              | 1 (HDMI Daisy chain)              |            |         |
| 16        | USB 2.0                  | 1 or better                       |            |         |
| 17        | USB 3.0                  | 1 or better                       |            |         |
| 18        | Audio Output             | 1 × 3.5mm or better               |            |         |
| 19        | RS232                    | 1 or better                       |            |         |
| 20        | LAN(RJ45)                | 1 or better                       |            |         |
| 21        | Power Consumption        | 100-240V~ 50/60Hz                 |            |         |
| 22        | Structure                | Metal Frame & Metal Rear cover    |            |         |
| 23        | Remote Control           | 1                                 |            |         |
| 24        | Operation Temperature    | 0 °C to 45 °C. or better          |            |         |

|  |                    |                                       |  |  |
|--|--------------------|---------------------------------------|--|--|
| 25   | Operation Humidity | 10% - 90% or better                   |  |  |
| 26   | Make and Model     | To Be Specified by the Bidder         |  |  |
| 27   | Warranty           | Minimum <b>3-year onsite warranty</b> |  |  |
| <b>Note:</b>   |                    |                                       |  |  |
| <ul style="list-style-type: none"> <li>The bidder must submit Manufacturer Authorization Certificates (MAF) from the respective Original Equipment Manufacturer (OEM), as per Appendix–A, for the quoted items.</li> <li>The above technical specification compliance sheet must be duly filled, signed, and submitted by an authorized person from the OEM on the OEM's letterhead. This is mandatory for technical qualification.</li> <li>Bids submitted without valid OEM MAFs and a properly completed technical specification compliance sheet will be summarily rejected during the technical bid evaluation stage</li> </ul> |                    |                                       |  |  |

| SL No: 15  | SITC 4K HDMI Splitter (1 x 8) |  |            |         |
|--|-------------------------------|--|------------|---------|
|  | Description of Materials      | Minimum Requirements   | Compliance | Remarks |
| 1  | HDMI Compliance               | HDMI 2.0b  |            |         |
| 2  | HDCP Compliance               | HDCP 2.2 and HDCP 1.4  |            |         |
| 3  | Video Bandwidth               | 18Gbps   |            |         |
| 4  | Video Resolution              | 720p 50/60Hz, 1080p 50/60Hz, 4K2K 24Hz, 4K2K 30Hz, 4K2K @ 50/60Hz (4:4:4)  |            |         |
| 5  | Colour Space                  | RGB, YCbCr 4:4:4, YCbCr 4:2:2  |            |         |
| 6  | Colour Depth                  | 4K @ 60Hz — 8-bit, 1080p — 12-bit  |            |         |
| 7  | HDMI Audio Formats            | LPCM, Dolby Digital / Plus / EX, Dolby TrueHD, DTS, DTS-ES, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD            |            |         |
| 8  | L/R Audio Formats             | PCM 2.0  |            |         |
| 9  | Optical Audio Formats         | LPCM [2.0 / 2.1] CH, Dolby 5.1, Dolby TrueHD, Dolby Digital Plus (DD+), DTS 5.1, DTS-ES 6, DTS-HD MA 5.1, DTS HD-HRA 5.1 |            |         |
| 10   | ESD Protection                | Human Body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)   |            |         |
| 11   | Inputs                        | 1×HDMI Type A [19-pin female]  |            |         |
| 12   | Outputs                       | 8×HDMI Type A [19-pin female]<br>1×L/R Audio out [3.5mm Stereo Mini-jack]<br>1×Optical out [S/PDIF]                      |            |         |
| 13   | Make and Model                | To Be Specified by the Bidder  |            |         |
| 14   | Warranty                      | Minimum <b>3-year onsite warranty</b>  |            |         |
| <b>Note:</b><br>Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed. |                               |  |            |         |

| SL No: 16 | Digital Interactive Podium |                               |            |         |
|-----------|----------------------------|-------------------------------|------------|---------|
|           | Description of Materials   | Minimum Requirements          | Compliance | Remarks |
| 1         | Top&Body                   | Top and Body should be Metal. |            |         |



|    |                     |   |  |  |
|----|---------------------|---|--|--|
| 2  | Mechanism           | The system should have a Top Sliding Mechanism.   |  |  |
| 3  | Keyboard/Mouse Tray | It should have sliding Tray for Keyboard /Mouse   |  |  |
| 4  | Visualizer Tray     | It should have a Provision for Visualizer with a Sliding Tray.  |  |  |
| 5  | Wheels              | Its should have Wheels for easy movement.   |  |  |
| 6  | Rack Space          | Its should have Rack Space for keeping Amplifier, CPU, Microphone receiver or more equipment.   |  |  |
| 7  | Screen Size         | The system should consist of 21.5 Inches Touch Screen Monitor.  |  |  |
| 8  | Type                | The monitor should be LED backlight.  |  |  |
| 9  | Resolution          | The monitor should have a native resolution of 1920x1080 or better  |  |  |
| 10 | Port                | The monitor should come with a USB port for PC Connection.  |  |  |
| 11 | Brightness          | The monitor should have a Luminosity of 250 cd/m <sup>2</sup> or more.  |  |  |
| 12 | Input port          | The monitor should have a VGA, HDMI or DVI Input port.  |  |  |
| 13 | Supply              | The monitor should support Power Supply of 100 ~ 250VAC. or better  |  |  |
| 14 | Laptop Interface    | The system should consist of the at least following ports on the interface with integrated Switcher having following Ports VGA port, HDMI Port, Audio port, 4 USB Ports, Power Outlet. It should come with integrated button pad controller to switch between HDMI , VGA and USB Ports. It shall have HD video inputs for CPU, 2x Laptop Inputs, Visualizer or more |  |  |
|    |                     | It shall have basic selection control buttons for the four inputs, Microphone Control Buttons, Volume Control Buttons, projector Control Buttons, Screen up/Down Buttons.   |  |  |
| 15 | Gooseneck Mic Port  | The podium shall be equipped with 2x standard 3-pin XLR connectors to support gooseneck microphones. Two gooseneck microphones should be supplied from Day 1.   |  |  |
| 16 | Certifications      | It should have CE,FCC and RoHS  |  |  |
| 17 | Make and Model      | To Be Specified by the Bidder   |  |  |
| 18 | Warranty            | Minimum <b>3-year onsite warranty</b>   |  |  |

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| SL No: 17 | 10 inch FHD resolution Controller |                      |            |         |
|-----------|-----------------------------------|----------------------|------------|---------|
|           | Description of Materials          | Minimum Requirements | Compliance | Remarks |

|    |                       |   |  |  |
|----|-----------------------|---|--|--|
| 1  | Touch Panel           | It should be supplied with 10-inch touch screen, compatible with all video conferencing programmed as InVC, MS Teams, Zoom, Webex, and Google Meet. One HDMI input for sharing content from an external laptop, and two USB 2.0 ports. Both touch panel and compute device should be from same OEM and it should have BIS certificate or better |  |  |
| 2  | PC Type               | Windows based compute device with support of all video conferencing software's  |  |  |
| 3  | Aspect Ratio          | It should support 16:9 Aspect ratio   |  |  |
| 4  | Dual Display          | Should support three Display  |  |  |
| 5  | CPU                   | Intel® Core™ i5-1135G7 Processor 11th Generation or better  |  |  |
| 6  | Wi-Fi                 | Support   |  |  |
| 7  | Bluetooth             | Support   |  |  |
| 8  | HDMI Out              | 3 Nos, 4K@60Hz or better  |  |  |
| 9  | HDMI In               | 1 Nos, 4K@60Hz or better  |  |  |
| 10 | LAN                   | 1x HUB,1x POE and 1x Internet(1 × 10/100/1000M Self-adaptive)   |  |  |
| 11 | Audio                 | 1(Headphone)  |  |  |
| 12 | TYPE-C                | 1 (with display function)   |  |  |
| 13 | USB 2.0/USB 3.0       | USB 3.0x3,USB 2.0 x1 or better  |  |  |
| 14 | RAM                   | 8 GB or more  |  |  |
| 15 | Storage               | 256 SSD or more   |  |  |
| 16 | Operation Temperature | 0°C~40°C or better  |  |  |
| 17 | Operation Humidity    | 10%~90% non-condensing or better  |  |  |
| 18 | Storage Temperature   | -20°C~60°C or better  |  |  |
| 19 | Storage Humidity      | 5%~95% non-condensing or better   |  |  |
| 20 | Certifications        | BIS,CE,FCC and RoHS   |  |  |
| 21 | Make and Model        | To Be Specified by the Bidder   |  |  |
| 22 | Warrenty              | Minimum <b>3-year onsite warranty</b>   |  |  |

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|                  |   |
|------------------|---|
| <b>SL No: 18</b> | <b>SITC of Intel Core™ Ultra 5 processor Windows 11 Pro 35.6 cm (14) diagonal WUXGA display with Intel Graphics 16 GB DDR5-5600 RAM 512 GB SSD Solid State Drive Fingerprint reader, Spill-resistant and backlit keyboard</b> |
|------------------|---|

|    | Description of Materials       | Minimum Requirements  | Compliance (Yes/No) | Remarks |
|----|--------------------------------|---|---------------------|---------|
| 1  | Processor Generation           | Intel® Core™ Ultra 5 Processor  |                     |         |
| 2  | Processor Name                 | Intel® Core™ Ultra 5 125U (up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)  |                     |         |
| 3  | Processor Frequency Technology | Intel® Turbo Boost Technology   |                     |         |
| 4  | Chipset                        | Intel® Integrated SoC   |                     |         |
| 5  | Memory                         | 16 GB DDR5-5600 MHz RAM (1 x 16 GB)   |                     |         |
| 6  | Memory Slots                   | 2 SODIMM; should support dual channel   |                     |         |
| 7  | Standard Memory Note           | Transfer rates up to 5600 MT/s  |                     |         |
| 8  | Display                        | 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC  |                     |         |
| 9  | Screen Size                    | 35.6 cm (14")   |                     |         |
| 10 | Graphics                       | Intel® Graphics   |                     |         |
| 11 | Display Type                   | IPS   |                     |         |
| 12 | Display Resolution             | WUXGA   |                     |         |
| 13 | Audio Features                 | Dual stereo speakers, dual-array digital microphones (facing), function keys for volume control, combo microphone/headphone jack, HD audio  |                     |         |
| 14 | Fingerprint Reader             | Fingerprint sensor should be available  |                     |         |
| 15 | Pointing Device                | Clickpad with multi-touch gesture support, taps enabled by default  |                     |         |
| 16 | Keyboard                       | Spill-resistant, full-size, backlit keyboard  |                     |         |
| 17 | Wireless                       | Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card  |                     |         |
| 18 | Ports                          | 2 x Thunderbolt™ 4 with USB Type-C® (40 Gbps, USB Power Delivery, DisplayPort™ 1.4); 2 x USB Type-A (5 Gbps, 1 charging, 1 power); 1 x HDMI 2.1; 1 x stereo headphone/microphone combo jack |                     |         |
| 19 | Battery Type                   | Long Life 3-cell, 56 Wh Li-ion polymer or higher  |                     |         |
| 20 | Power                          | 65 W USB Type-C™ adapter or higher  |                     |         |
| 21 | <b>warranty</b>                | <b>Minimum 3-year onsite warranty</b>   |                     |         |
| 22 | Make and Model                 | To be specified by the bidder   |                     |         |

**Note:**

The above compliance sheet must be duly filled and submitted by an authorized representative of the bidder on the company's letterhead, with seal and signature.

| SL No:<br>19 | Wireless Keyboard & Mouse Combo set |                      |            |         |
|--------------|-------------------------------------|----------------------|------------|---------|
|              | Description of Materials            | Minimum Requirements | Compliance | Remarks |

|  |                                 |  |  |  |
|--|---------------------------------|--|--|--|
| 1  | wireless keyboard & mouse combo | 2.4 GHz USB nano receiver  |  |  |
| 2  | Keyboard:                       | Full-size layout (minimum 104 keys)                              |  |  |
| 3  |                                 | Spill-resistant, soft-touch keys                                 |  |  |
| 4  |                                 | Multimedia function keys   |  |  |
| 5  | Mouse:                          | Optical sensor with 1200–1600 DPI                                |  |  |
| 6  |                                 | Ergonomic design with scroll wheel                               |  |  |
| 7  | Compatible                      | with Windows / Linux / macOS                                     |  |  |
| 8  | Battery-operated                | (AA/AAA)   |  |  |
| 9  | Connectivity                    | minimum 10 meters range  |  |  |
| 10   | Battery status                  | indicator  |  |  |
| 11   | warranty                        | Minimum <b>3-year onsite warranty</b> on both keyboard and mouse |  |  |
| <b>Note:</b>   |                                 |  |  |  |
| The above compliance sheet must be duly filled and submitted by an authorized representative of the bidder on the company's letterhead, with seal and signature. |                                 |  |  |  |

| SL No:<br>20 | Supply, Installation, Testing & Commissioning of various Audio-Video connectors, microphone cables, speaker cables, LAN cables, HDMI cables, USB cables, electrical cables and power connection box, PVC pipe & other accessories as required at site. |  |            |         |
|--------------|--|--|------------|---------|
|              | Description of Materials   | Minimum Requirements   | Compliance | Remarks |
| 1            | Microphone Cable   | 2-core balanced audio cable with <b>Oxygen-Free Copper (OFC)</b> conductors (min. <b>0.22 sq.mm</b> ). |            |         |
|              |  | <b>100% shielding</b> with aluminium foil + braided copper shield.                                     |            |         |
|              |  | Capacitance <b>≤ 60 pF/m</b> , low-noise, EMI/RFI protected.   |            |         |
|              |  | Outer jacket: <b>Flexible, flame-retardant PVC</b> , OD 5.5–7 mm.                                      |            |         |
| 2            | Speaker Cable  | <b>Type:</b> 2-core, high-quality speaker cable  |            |         |
|              |  | <b>Conductor:</b> Multi-strand <b>Oxygen-Free Copper (OFC)</b>   |            |         |
|              |  | <b>Conductor Size:</b> <b>1.5 sq.mm / 2.5 sq.mm</b> (as required)                                      |            |         |
|              |  | <b>Insulation:</b> PVC insulated, colour coded   |            |         |
|              |  | <b>Shielding:</b> Not required (standard for speaker lines)  |            |         |

|  |                  |  |  |  |
|--|------------------|--|--|--|
|  |                  | <b>Outer Jacket:</b> Flexible, flame-retardant PVC         |  |  |
|  |                  | <b>Operating Voltage:</b> Up to 300 V                      |  |  |
|  |                  | <b>Temperature Range:</b> –20°C to +70°C                   |  |  |
|  |                  | <b>Compliance:</b> RoHS compliant                          |  |  |
|  |                  | Type: <b>Cat6A UTP</b> (as required)                       |  |  |
|  | LAN Cable        | Conductor: <b>23 AWG solid copper</b>                      |  |  |
|  |                  | Compliance: <b>TIA/EIA-568C</b> , ISO/IEC 11801            |  |  |
|  |                  | Supports <b>1 Gbps / 10 Gbps</b> bandwidth                 |  |  |
|  |                  | Jacket: <b>LSZH</b>  |  |  |
|  |                  | Verified for <b>500 MHz (Cat6A)</b>                        |  |  |
|  | HDMI Cable       | <b>High-Speed HDMI cable</b> with Ethernet                 |  |  |
|  |                  | Supports <b>4K @ 60Hz</b> , 3D, ARC, HDR                   |  |  |
|  |                  | Gold-plated connectors                                     |  |  |
|  |                  | Triple-shielded construction                               |  |  |
|  |                  | Length as per requirement                                  |  |  |
|  | Electrical Cable | <b>FRLS Copper wire</b> , multi-strand                     |  |  |
|  |                  | Size: <b>1.5 sq.mm / 2.5 sq.mm / 4 sq.mm</b> (as required) |  |  |
|  |                  | Voltage grade: <b>1100V</b>                                |  |  |
|  |                  | PVC insulated, ISI marked (IS 694 compliant)               |  |  |
|  |                  | Suitable for internal electrical wiring                    |  |  |

## Annexure – XI

**PREFERRED MAKELIST OF MATERIALS**

| <b>SL. NO.</b> | <b>Item Technical Specification</b>   | <b>Approved Make</b>   |
|----------------|---|--|
| 1              | Supply, Installation, Testing & Commissioning of Digital Table Top Chairman Unit Microphone   | Shure / Bosch / People Link /Sennheiser /Telvic                |
| 2              | Supply, Installation, Testing & Commissioning of Digital Table Top Delegate Unit Microphone   | Shure / Bosch / People Link /Sennheiser /Telvic                |
| 3              | Supply, Installation, Testing & Commissioning of Extension Box for Microphone Unit Power  | Telvic / People Link / Bosch                                   |
| 4              | Supply, Installation, Testing & Commissioning of Digital Conference Controller System   | Telvic / People Link / Bosch / Qsc                             |
| 5              | Supply, Installation, Testing & Commissioning of Digital Signal Processor (DSP)   | People Link / Bosch / Harman / Xilica / Biamp /Qsc             |
| 6              | Supply, Installation, Testing & Commissioning of Wireless Handheld Microphone   | Shure / Sennheiser / People Link /Electro Voice /Audiotechnica |
| 7              | Supply, Installation, Testing & Commissioning of wall mounted Speaker   | Qsc / Sennheiser / People Link / Jbl                           |
| 8              | Supply, Installation, Testing & Commissioning of Digital Audio Amplifier  | Harman / Sennheiser / People Link / Qsc /Yahama                |
| 9              | Supply, Installation, Testing & Commissioning of AI based 4K video conferencing camera  | Polycom/Sony/ People Link/ Qsc                                 |
| 10             | Supply, Installation, Testing & Commissioning of 4K UHD Wireless Presenter  | Benq / Shure / People Link / Barco                             |
| 11             | Supply, Installation, Testing & Commissioning of 65 inch UHD, Full function All In One Interactive Flat Panel Display.  | Samsung / Lg / People Link /Samsung /Panasonic                 |
| 12             | Supply, Installation, Testing & Commissioning of OPS for interactive panel  | Samsung / Lg / People Link                                     |
| 13             | Supply, Installation, Testing & Commissioning of 4K Video Conference Camera with microphone beamforming array.  | Polycom/ Logitech / People Link                                |
| 14             | Supply, Installation, Testing & Commissioning of 75" 4K Commercial Display  | Samsung / Lg / People Link /Panasonic                          |
| 15             | Supply, Installation, Testing & Commissioning 4K HDMI Splitter (1 x 8)  | People Link / Honeywell / Benq /Aten                           |
| 16             | Supply, Installation, Testing & Commissioning of Digital Interactive Podium in metallic frame with interactive display featuring electromagnetic pen input, equipped with motorized tilting mechanism for the interactive panel, and supplied with two installed gooseneck microphones. | Atdsc / People Link / Cornea                                   |
| 17             | Supply, Installation, Testing & Commissioning of 10-inch Touch Screen FHD Resolution Controller for Chairperson   | Philips / People Link / Vissonic                               |

|    |  |  |
|----|--|--|
| 18 | Supply, Installation, Testing & Commissioning of Intel Core™ Ultra 5 processor Windows 11 Pro 35.6 cm (14) diagonal WUXGA display  | Dell / HP / Asus /MSI  |
| 19 | Supply of Wireless Keyboard & Mouse Combo  | Dell / HP / Logitech   |
| 20 | Supply, Installation, Testing & Commissioning of various Audio-Video connectors, microphone cables, speaker cables, LAN cables, HDMI cables, USB cables, electrical cables and power connection box, PVC pipe & other accessories as required at site. | Audio-Video connectors Make: MX/ Neutrik /Amphenol ; microphone cables & speaker cables : Krystal / Klotz /Belden ; LAN cables : Genius / RIT / Belden ; HDMI cables: ; electrical cables: Polycab /Finolex/ Havells / KEI ; power connection DB box : Schneider,/ Havells / ABB/ Siemens ; PVC pipe : AKG/ Supreme Industries, Finolex Industries, and Astral Pipes |

**Note:**

- Make and models of all materials should get approved from the engineer in charge well before placing order to the OEM/Authorized dealer. The agency is required to submit all relevant test certificates/documents and samples along with the proposal. The model along with sample should be approved by Engineer -in - Charge before supply of same to the site. The decision of Engineer -in – Charge is binding in this regard and no variation is acceptable.
- Make of one material in one subhead will be the approved make for the same material in another subhead if no preferred make is mentioned separately.

## **Annexure – XII**

### **Financial Bid**

**Name of Work: - "Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director's Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar."**

| SL. NO. | Item Technical Specification  | Qty | Unit | Rate(Rs)  | Amount(Rs)            |
|---------|---|-----|------|-----------|-----------------------|
| 1       | Supply, Installation, Testing & Commissioning of Digital Table Top Chairman Unit Microphone   | 1   | Nos. | ₹ 44,246  | ₹ 44,246.00           |
| 2       | Supply, Installation, Testing & Commissioning of Digital Table Top Delegate Unit Microphone   | 44  | Nos. | ₹ 44,324  | ₹ 1,950,256.00        |
| 3       | Supply, Installation, Testing & Commissioning of Extension Box for Microphone Unit Power  | 1   | Nos. | ₹ 29,795  | ₹ 29,795.00           |
| 4       | Supply, Installation, Testing & Commissioning of Digital Conference Controller System   | 1   | Nos. | ₹ 202,541 | ₹ 202,541.00          |
| 5       | Supply, Installation, Testing & Commissioning of Digital Signal Processor (DSP)   | 1   | Nos. | ₹ 252,364 | ₹ 252,364.00          |
| 6       | Supply, Installation, Testing & Commissioning of Wireless Handheld Microphone   | 4   | Nos. | ₹ 43,262  | ₹ 173,048.00          |
| 7       | Supply, Installation, Testing & Commissioning of wall mounted Speaker   | 6   | Nos. | ₹ 48,179  | ₹ 289,074.00          |
| 8       | Supply, Installation, Testing & Commissioning of Digital Audio Amplifier  | 1   | Nos. | ₹ 47,523  | ₹ 47,523.00           |
| 9       | Supply, Installation, Testing & Commissioning of AI based 4K video conferencing camera  | 1   | Nos. | ₹ 295,298 | ₹ 295,298.00          |
| 10      | Supply, Installation, Testing & Commissioning of 4K UHD Wireless Presenter  | 2   | Nos. | ₹ 240,696 | ₹ 481,392.00          |
| 11      | Supply, Installation, Testing & Commissioning of 65 inch UHD, Full function All In One Interactive Flat Panel Display.  | 1   | Nos. | ₹ 239,552 | ₹ 239,552.00          |
| 12      | Supply, Installation, Testing & Commissioning of OPS for interactive panel  | 1   | Nos. | ₹ 77,169  | ₹ 77,169.00           |
| 13      | Supply, Installation, Testing & Commissioning of 4K Video Conference Camera with microphone beamforming array.  | 1   | Nos. | ₹ 230,089 | ₹ 230,089.00          |
| 14      | Supply, Installation, Testing & Commissioning of 75" 4K Commercial Display  | 5   | Nos. | ₹ 164,409 | ₹ 822,045.00          |
| 15      | Supply, Installation, Testing & Commissioning 4K HDMI Splitter (1 x 8)  | 1   | Nos. | ₹ 41,532  | ₹ 41,532.00           |
| 16      | Supply, Installation, Testing & Commissioning of Digital Interactive Podium in metallic frame with interactive display featuring electromagnetic pen input, equipped with motorized tilting mechanism for the interactive panel, and supplied with two installed gooseneck microphones. | 1   | Nos. | ₹ 334,958 | ₹ 334,958.00          |
| 17      | Supply, Installation, Testing & Commissioning of 10-inch Touch Screen FHD Resolution Controller for Chairperson   | 1   | Nos. | ₹ 166,704 | ₹ 166,704.00          |
| 18      | Supply, Installation, Testing & Commissioning of Intel Core™ Ultra 5 processor Windows 11 Pro 35.6 cm (14) diagonal WUXGA display   | 1   | Nos. | ₹ 125,138 | ₹ 125,138.00          |
| 19      | Supply of Wireless Keyboard & Mouse Combo   | 3   | Nos. | ₹ 1,788   | ₹ 5,364.00            |
| 20      | Supply, Installation, Testing & Commissioning of various Audio-Video connectors, microphone cables, speaker cables, LAN cables, HDMI cables, USB cables, electrical cables and power connection box, PVC pipe & other accessories as required at site.                                  | 1   | Job  | ₹ 172,334 | ₹ 172,334.00          |
|         | <b>Total including GST</b>  |     |      |           | <b>₹ 5,980,422.00</b> |
|         | <b>Rupees Fifty-Nine Lakh Eighty Thousand Four Hundred Twenty-Two Only</b>  |     |      |           |                       |

**PERFORMA FOR QUOTING RATES**



|  |   |
|--|---|
| <b>Name of Work:- “Supply, installation, testing, and commissioning of an Audio-Visual Conferencing System for the Executive Director’s Conference Hall and Board Room at the New Administrative Building of AIIMS Bhubaneswar.”</b> |   |
| <b>e-NIT No: AIIMS/BBSR/ENGG/ELECT/77/2025</b>   |   |
| <b>Estimate Cost put to tender :- ₹ 5,980,422.00 ( including GST)</b><br><b>(**Rupees Fifty-Nine Lakh Eighty Thousand Four Hundred Twenty-Two Only. **)</b>  |   |
| <b>Name of Contactor -</b>   |   |
|  |   |
|  |   |
| <b>Total Estimated Amount including of GST in Rs.</b>  | <b>₹ 5,980,422.00 ( including GST)</b>  |
| <b>Percentage above/below the total estimated cost</b>   | <i>This is sample, Don’t quote here</i> |
| <b>% in words</b>  | <i>This is sample, Don’t quote here</i> |
| <b>Total Amount (Rs.) including GST</b>  | <i>This is sample, Don’t quote here</i> |

(Rupees *This is sample, Don’t quote here* only)

**Note: -**

1. **‘L-1’ shall be decided on composite basis of total amount.**
2. **MR = To be read as Market Rate.**
3. The Bidder must submit Financial Bid in On-Line Mode.
4. I/We have gone through the terms & conditions as stipulated in the tender and confirm to accept and abide the same.
5. No other charges would be payable by the Institute.
6. Quantity mentioned above is tentative, it may increase or decrease as per site requirement.
7. Agency must bring samples as per above preferred brands only and Engineer-In-Charge shall approve one sample out of the samples brought by the Agency. The Agency must use material of that approved sample only. No claim in this regard shall be entertained.
8. In case of non-availability of material of approved make, prior approval from Engineer-In-Charge shall be obtained for another make.
9. The quoted should be inclusive of GST as applicable.

I, the contractor certify that I am filling this template after understanding all the items of schedule of Quantity of e-NIT page no.-----

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

Business Address: \_\_\_\_\_

Signature of the Bidder: -

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

Place : Bhubaneswar

Seal of the Bidder \_\_\_\_\_

## Annexure – XIII

### E-TENDERING INSTRUCTIONS TO BIDDERS

**General.** The Special Instructions (for e-Tendering) supplement 'Instruction to Bidders', as given in this Tender Document. Submission of Online Bids is mandatory for this Tender. E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers / Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, AIIMS BHUBANESWAR has decided to use the portal <http://eprocure.gov.in/AIIMSBBSR> website.

#### **Instructions.**

1. **Tender Bidding Methodology.** Two Stage Online Bidding.
2. **Broad outline of activities from Bidders prospective:**
  - (a) Procure a Class III Digital Signature Certificate (DSC).
  - (b) Register on the e-Procurement portal <http://eprocure.gov.in/AIIMSBBSR> website.
  - (c) Create Users on the above portal.
  - (d) View Notice Inviting Tender (NIT) on the above portal.
  - (e) Download Official Copy of Tender Documents from the above portal.
  - (f) Seek Clarification to Tender Documents on the above portal. View response to queries of bidders, posted as addendum, by AIIMS, Bhubaneswar.
  - (g) Bid-Submission on the above portal.
  - (h) Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Technical Part.
  - (j) Post-TOE Clarification on the above portal (Optional) – Respond to AIIMS, Bhubaneswar's Post-TOE queries.
  - (k) Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Financial Part (Only for Technical Responsive Bidders).

*For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the above portal.*

3. **Digital Certificates.** For the integrity of data and authenticity / non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class III, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].
4. **Registration.** To use the Electronic Tender portal <http://eprocure.gov.in/AIIMSBBSR> website, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons vis-à-vis Authorized Signatory who will be the main person coordinating for the e-tendering activities. In the above portal terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and follow further instructions as given on the site. Pay Annual Registration Fee as applicable.

**Note.** : After successful submission of Registration details and Annual Registration Fee, please contact to the Helpdesk of the portal to get your registration accepted/ activated.

- (a) The Bidder must ensure that after following above, the status of bid submission must become - "Submitted".
- (b) Please take due care while scanning the documents so that the size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However, it shall be sole responsibility of bidder that the uploaded documents remain legible.
- (c) It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.
- (d) The Financial part/BOQ may be downloaded, and rates may be filled appropriately. This file may also be saved in a folder on your computer. Please don't change the file names & total size of documents (Preferably below 5 MB per document) may be checked.

**5. Bid submission.** The entire bid-submission would be online on the Tender wizard portal i.e. <https://eprocure.gov.in/AIIMS>, Bhubaneswar.

**6. Broad outline of submissions are as follows: -**

- (a) Submission of Bid Parts (Technical & Financial).
- (b) Submission of information pertaining to Bid Security/ EMD.
- (c) Submission of signed copy of Tender Documents/Addendums.

**7.** The TECHNICAL PART shall consist of Electronic Form of Technical Main Bid and Bid Annexure. Scanned/Electronic copies of the various documents to be submitted under the Eligibility Conditions, offline submissions, instructions to bidders and documents required establishing compliance to Technical Specifications and Other Terms & Conditions of the tender are to be uploaded.

**8.** The FINANCIAL PART shall consist of Electronic Form of Financial Main Bid and Financial Bid Annexure, if any. Scanned copy of duly filled price schedule (Section VII) for both packages are to be uploaded. If required, additional documents in support of taxes, quoted duties etc may also be uploaded.

**9. Tender Processing Fee. As per applicable.**

**10. Public Online Tender Opening Event (TOE).** The e-Procurement portal offers a unique facility for 'Public Online Tender Opening Event (TOE). Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized. Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)' has been implemented on the portal. As soon as a Bid is decrypted, the salient points of the Bids are simultaneously made available for downloading by all participating bidders. The medium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'. The portal a unique facility of 'Online Comparison Statement' which is dynamically updated as each online bid is opened. The format of the Statement is based on inputs provided by the Buyer for each Tender. The information in the Comparison Statement is based on the data submitted by the Bidders. A detailed Technical and / or Financial Comparison Statement enhance Transparency. Detailed instructions are given on relevant screens. The portal has a unique facility of a detailed report titled 'Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/Downloading'. There are many more facilities and features on the portal. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

**Important Note.** *In case of internet related problem at a bidder's end, especially during 'critical events' such as – a short period before bid-submission deadline, during online public tender opening*

*event it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-procurement / e-auction service-provider's end (in the server, leased line, etc) due to which all the bidders face a problem during critical events, and this is brought to the notice of AIIMSBBBSR by the bidders in time, then AIIMS, Bhubaneswar will promptly reschedule the affected event(s).*

**9. Other Instructions.** For further instructions, the vendor should visit the home-page of the portal. The complete help manual is available in the portal for Users intending to Register / First-Time Users, Logged-in users of Supplier organizations. Various links are also provided in the home page.

**Important Note.** : *It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups and minimize teething problems during the use of the said portal.*

***The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to :-***

1. Obtain individual Digital Signature Certificate (DSC) well in advance of your first tender submission deadline on the portal.
2. Register your organization on the portal well in advance of your first tender submission deadline on the portal
3. Get your organization's concerned executives trained on the portal well in advance of your first tender submission deadline on the portal
4. Submit your bids well in advance of tender submission deadline on the portal (There could be last minute problems due to internet timeout, breakdown etc.)
5. While the first three instructions mentioned above are especially relevant to first-time users on the portal, the fourth instruction is always relevant. Minimum Requirements at Bidders end Computer System with good configuration (Min P IV, 1 GB RAM, Windows XP) Broadband connectivity. Microsoft Internet Explorer 8.0 or above. Digital Certificate(s) Vendors Training Program Necessary training to each registered bidder under this portal shall be impacted by the ASP, M/s. ITI, Bhubaneswar, if required, before participation in the online tendering.
6. For any further Assistance <http://eprocure.gov.in/AIIMSBBBSR> website for E-tendering queries contact the representative NIC helpdesk.