



अखिल भारतीय आयुर्विज्ञान संस्थान,

All India Institute of Medical Sciences

Engineering Branch, Bhubaneswar (Odisha)-751019

www.aiimsbhubaneswar.nic.in

NOTICE INVITING e-TENDER

(File No.: AIIMS/BBSR/ELECT/9/2024-ELECTRICAL SEC)

N.I.T. No.	AIIMS/BBSR/ENGG/ELECT/59/2025
Name Of Work:	“Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar”.
Estimated Cost:	Rs. 66,13,158/- (Rupees Sixty-Six Lakh thirteen Thousand one Hundred fifty-Eight only including GST.)
Earnest Money:	@ 2% of Estimated Cost /-
Security Deposit:	@ 2.5% of Contract Value
Performance Bank Guarantee:	@ 5% of Contract Value
Completion Period	90 days
Type of work:	Supply, installation, testing, and commissioning of Audio visual system
Tender issue date:	11/04/2025
Last Date & Time of Submission of Tender:	03.05.2025 by 18.00 Hours

“Certified that, this tender document contains 79 pages only”.

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

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

Name of Work	:	Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar	
NIT No.	:	AIIMS/BBSR/ENGG/ELECT/59/2025	
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR NOTICE INVITING e-TENDER

(a)	Name of Work	Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar
(b)	Tender No.	AIIMS/BBSR/ENGG/ELECT/59/2025
(c)	Completion period	90 days
(d)	Estimated Cost	Rs. 66,13,158/- (Rupees Sixty-Six Lakh thirteen Thousand one Hundred fifty-Eight only including GST.)
(e)	Earnest Money Deposit (EMD)	2 % of Estimated Cost
(f)	Security Deposit	2.5% of the Tendered Value
(g)	Tender documents will be Issued From	As per the e-Tendering Portal of AIIMS Bhubaneswar http://www.aiimsbhubanewar.nic.in and CPP Portal www.eprocure.gov.in for downloading/ participating
(h)	Last Date & Time of Submission	03.05.2025 by 18.00 Hours
(i)	Date, Time for the Opening of Technical Bid	On 05.05.2025, 12.00 Hours

1. 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.
2. Information and Instructions for bidders posted on the website shall form part of the bid document.
3. The Bid documents consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded from the website www.aiimsbhubaneswar.edu.in or <https://eprocure.gov.in/eprocure/app>

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

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE

(APPLICATION FOR INVITING BIDS ON TWO BID SYSTEMS)

The Executive Engineer (Elect.), AIIMS, Bhubaneswar, (Phone - 0674 2476083, Email - 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/59/2025
(b)	Name of Work:	Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar
(c)	Estimated Cost	Rs. 66,13,158/- (Rupees Sixty-Six Lakh thirteen Thousand one Hundred fifty-Eight only including GST.)
(d)	Earnest Money	2 % of Estimated Cost
(e)	Completion period	90 days
(f)	Last date and time of online submission of tender	03.05.2025 by 18.00 Hours
(g)	Time and date of on line opening of Tender (Technical Bid)	On 05.05.2025, 12.00 Hours
(h)	Time and date of opening of Online Financial Bids	Will be informed to the Technically qualified Bidders.
(i)	Hard copies of original EMD, Registration Certificates, Undertaking, Affidavit and other uploaded document to be submitted to Executive Engineer Electrical office 3rd floor Academic Block AIIMS Bhubaneswar office by the Bidders for reference. However, the Eligibility will be considered as per uploaded documents. For any query kindly contact: eeel@aiimsbhubaneswar.edu.in Phone: 0674 – 2476083	To be submitted by 05.05.2025 , 12.00 Hours. In case the last day happens to be a closed holiday, these Documents shall be submitted on the next working day failing which a technical Bid will not be considered for Evaluation.
(j)	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. 52,90,526/-.
OR
 - ii. Two (02) similar works each costing not less than Rs. 39,67,895/-.
OR
 - iii. Three (03) similar works each costing not less than Rs. 26,45,263/-.
 - **Similar work means:** The Bidder has successfully executed work “ Supply, installation, testing, and commissioning of Audio visual system”.
2. The Bidder should have registration up to date with Employee Provident Fund (EPF) Commissioner and Employee State Insurance (ESI) Corporation.
3. The bidder should have a positive net worth and should not have incurred loss in the last 03 (Three) Years ending i.e. by 31st March 2024, duly certified by Chartered Accountant.
4. 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.
5. 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.
6. **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.**
7. Conditional Bids shall not be considered and will be out-rightly rejected at the very first instance.
8. Average annual financial, the turnover during the last three years, ending 31st march 2024 should be more than 50% of the estimated cost (Not less than **Rs.@ 33,06,579.00/-**)
9. 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.
10. Information and Instructions for bidders for e-tendering posted on the website shall form part of the bid document.
11. 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 free of cost.
12. 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.

13. Bidders must ensure to quote percentage above or below or as per against BOQ price. The column meant for quoting rate in figures appears in sky blue colour. 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.
14. 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.
15. Financial bids shall be opened online only for eligible bidders those are qualified in Technical evaluation.
16. If the Agency is found ineligible after the opening of bids, his bid shall become invalid.
17. 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) 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 Audio visual system for Mini Auditorium and MS Board room at 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 Audio visual system for Mini Auditorium and MS Board room at 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 Acadmic Block AIIMS Bhubaneswar failing which the bid will be summarly 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) Completion Certificate of Similar Work along with work order and detail BOQ copy from the govt organization not below the Rank of Executive Engineer or equivalent.
 - (d) Certificate of Registration for GST and acknowledgment of up-to-date filed return if required.
 - (e) Copy of PAN card.
 - (f) Copies of IT return last 3 Years.
 - (g) Copies of ESI Registration .
 - (h) Copies of EPF Registration .
 - (i) 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. Detailsof Address Proof of Office located at Bhubaneswar should be given to EE(Elect).
 - (j) Declarations to be given by the Tenders.
 - (k) Profit/Loss: The bidder should not have incurred any loss (Profit after Tax should be positive) in more than two years during available the last three consecutive balance sheets, duly audited and certified by Chartered Accountant.
 - (l) Each page of the e-tender documents should be duly signed with a seal otherwise, the bid shall become invalid.
 - (m) OEM/OEM Authorized Certificate as per (Appendix- A).
 - (n) Affidavit as per *Annexure – I*.
 - (o) Technical Specification Compliance Sheet.
4. **The bid submitted become invalid, if any discrepancy/shortfall is noticed between the eligibility documents (as per SI. No 03 para 'a' to 'o') 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 (EMD) for an amount of 2% of Estimated cost by way of Demand Draft/Fixed deposit receipt only in favor of AIIMS Bhubaneswar payable at Bhubaneswar. Scanned Copy of the DD/FDR must be uploaded /attached with the Technical Bid and submitted to the office of**

EE(Electrical). Original Copy of the Demand Draft/FDR must be uploaded/attached with the technical Bid. The EMD of the Successful Bidder shall be returned after the successful submission of Performance Security and for unsuccessful bidder's it would be returned after award of the contract. Bid's received without Demand Draft of EMD will be rejected.

- (i) As per SOP No. 5/1 & Clause No. 6 of CPWD Manual -2019 the MSME firms registered in NSIC under PP policy are exempted from the payment of EMD for supply of Goods & Service only.
 - (ii) Micro and small Enterprises if registered with any Government bodies specified by Ministry of Micro, Small & medium Enterprises (M/o MSME) with valid certificate duly issued by GOI are exempted for submitting Earnest Money Deposit (EMD).
 - (iii) Other Firms, registered with MSME/ NSIC with valid certificate duly issued by GOI are also exempted for submitting EMD. No other type of certificate is acceptable.
 - (iv) The exemption and relaxation in EMD is subject to the validity & acceptance of their registration certificate on the date of opening of tender.
7. **Performance Guarantee.** The successful contractor will be required to furnish a **Performance guarantee of 05% (Five Percent) of Contract Value** after receiving notification of award ***in the form of Fixed Deposit Receipt or Bank Guarantee from any Nationalized/ Scheduled 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. The Performance Guarantee can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract. ***PG will be released after full and final settlement of Bill, without any interest.*** In case the contractor fails to deposit the said Performance Guarantee within the period including the extension period if any, EMD will be forfeited automatically without any notice.
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 throughonline and in hardcopy offline. 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 deducted from the RA Bills of the Agency.**
 - (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 1st 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, except 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 any period of time as decided by the AIIMS, Bhubaneswar Authority & forfeit the entire amount of EMD for the following reason-
- (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 / 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 Audio visual system for Mini Auditorium and MS Board room at 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 :

<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).

Financial Years	2021-22	2022-23	2023-24
Gross Annual Turn over			

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

II. Financial arrangements for carrying out the proposed work.

Signature of Bidder (s)

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 photo copy)

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**

Name of the tender:

Tender No:

The due date for tender:

Opening time & date of tender:

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

	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 ii. Name, address/ Telephone No. of Supply Installation and commissioning of CCTV Solution, at AIIMS Bhubaneswar/ partners	
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:

	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.	
	b)	ESI Registration No.	
	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 201_ For _____

(Name, Designation and Address)

Accepted

(Signature)

(Name, Title and Address of the Attorney)

Date: _____

Appendix- A**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 Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar”.

Equipment Name & BOQ No:

Dear Sir/Madam;

1. We____(Name of the OEM/OEM authorized agency) 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

(To be submitted on notarized Rs. 10/- Indian Non-Judicial Stamp Paper)

BIDDERS UNDERTAKING

E-Tender for the work of: Tender for **“Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at 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 said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely or 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 President of India 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.

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.....

Annexure – IV

GENERAL CONDITIONS FOR CONTRACT

Name of work: “Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at 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 (where ever 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:
 - (i) Measurement Sheet
 - (ii) Delivery Challan of all the material supplied.
 - (iii) Warranty/Guarantee Certificate if applicable.
 - (iv) GST return up-to-date Voucher.
 - (v) Color Photos for Executed work on glossary paper.
 - (vi) 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 1% (one percent) maximum 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. On account 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 incurring 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 Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar."** are assumed to be included in the scope of work.
22. The agency has to 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 has to 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 equipments 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 Auditorium and Conference Room:

1. Overview:

The scope of work (SOW) for the supply, installation, testing, commissioning of a Audio Visual (AV) system for the Mini auditorium and MS conference room at AIIMS Bhubaneswar. The aim is to deliver high-quality sound, visual, and communication systems that meet requirements for presentations, conferences, Seminars and various events.

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.

3. Scope of Work:

3.1 Supply of Equipment as per BOQ:

- i. large-format display screens
- ii. Professional-grade sound systems, including speakers, amplifiers, and microphones.
- iii. Digital signal processors (DSP) for audio optimization.
- iv. Integrated control systems for seamless management of AV equipment.
- v. Necessary cabling and mounting hardware.

3.2 Installation:

- i. Install all AV equipment according to the approved design by Engineer incharge .
- ii. Mount and align display screens and projectors for optimal viewing angles.
- iii. Position speakers and microphones to ensure balanced sound coverage.
- iv. Install cabling, racks, and power management systems in a neat and secure manner.

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.

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 Maintenance and Support:

- i. warranty period for all equipment and installation services.
- ii. Provide post-installation support, including periodic maintenance and on-call troubleshooting.
- iii. The bidder will provide a 24 x 7 complain registration contact number ,Email for Complaint registration during warrenty period.

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 .

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)	Certificates of Work Experience to be issued by the officer of the rank not below Executive Engineer.		
(D)	Certificate of Registration for GST and acknowledgement, up to date filed return if required		
(E)	Attested Copies of PAN No.		
(F)	Copies of IT return last 3 Years.		
(G)	Copies of ESI Registration.		
(H)	Copies of EPF Registration.		
(I)	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.)		
(J)	Declarations to be given by the Tenderer(s) (as per Page 11).		
(K)	Profit/Loss : The bidder should not have incurred any loss (Profit after Tax should be positive) in more than two years during available the last five consecutive balance sheet , duly audited and certified by Chartered Accountant.		
(L)	Each page of the e-tender documents should be duly signed with seal otherwise the bid shall become invalid.		
(M)	OEM Authorization certificate. (Appendix- A)		
(N)	Affidavit as per Annexure – I		
(O)	Technical Specification Compliance Sheet		

Annexure – VI**AFFIDAVIT**

(To be submitted on notarized 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: -

Name:

(Signature of Bidder with Firm's Seal)

Place: _____

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 Agreement
(To be made on Rs 100/- Judicial Stamp Paper)

This Agreement is made at.....on this.....day of..... 20.....

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/59/2025)** (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 Audio visual system for Mini Auditorium and MS Board room at 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 relation 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 particular, 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 processor 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 in particular 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 into 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 partners 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 : **Attached**

SCHEDULE 'D'

Extra schedule for specific requirements/
document for the work, if any. : **NA**

SCHEDULE 'E'

Reference to General Conditions of contract : CPWD General Conditions of Contract 2023 modified and amendment up to the last date of submission of tender.

Name of work : **Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar**

Estimated cost of work : **Rs. 66,13,158/-**
(i) Earnest money : **@ 2% of Estimated cost**

(ii) Performance Guarantee : **5% of contract value**

(iii) Security Deposit : **2.5% of tendered value.**

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender : **Executive Engineer (Electrical), AIIMS Bhubaneswar on behalf of Executive Director AIIMS Bhubaneswar.**

Definitions:

2(v) Engineer-in-Charge : **Executive Engineer (Electrical), AIIMS Bhubaneswar (Odisha)**

2(viii) Accepting Authority : **Executive Director, AIIMS Bhubaneswar (Odisha)**

2(x) Percentage on cost of materials and labour to cover all overheads and profits.

: **NA**

2(xi) Standard Schedule of Rates

: **As per Market Rates and DSR -2022**

2(xii) Department

: **Engineering Department, AIIMS Bhubaneswar.**

9(ii) Standard CPWD contract Form

: **GCC 2023 & CPWD Form-7/8 as modified & corrected up to the last date of receipt of Bid/tender.**

CLAUSE 1

(i) Time allowed for submission of Performance

Guarantee, programme chart

(Time and progress) and applicable labour

: **07 Days**

Licenses, registration with EPFO,

ESIC and BOCW welfare board or proof of applying Thereof from the date of issue of letter of acceptance		
(ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period Provided in (i) above	:	15 Days
CLAUSE 2		
Authority for fixing compensation under clause 2	:	Superintending Engineer / Executive Director, AIIMS Bhubaneswar
Clause 3	:	Applicable Superintending Engineer / Executive Director, AIIMS Bhubaneswar.
Time allowed for execution of work –:	:	90 days
Authority to decide:		
(i) Extension of time	:	Superintending Engineer/ Executive Director
(ii) Rescheduling of mile stones	:	Superintending Engineer/ Executive Director, AIIMS Bhubaneswar
(iii) Shifting of date of start in case of delay in handing over of site	:	Superintending Engineer/ Executive Director, AIIMS Bhubaneswar
Clause 10A	:	As required by Engineer -in Charge
Clause 10C	:	Applicable
Clause 11		
Specifications to be followed for execution of work	:	CPWD Specifications General Specifications
CLAUSE 12		
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with	:	Yes
CLAUSE 12.2&12.3		
Type of work	:	Supply, installation, testing, and commissioning of Audio visual system
12.2 & 12.3		
Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work (Civil, E&M and Horticulture)	:	NA
12.5		
(i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	:	NA
(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items	:	NA

CLAUSE 16

Competent Authority for deciding reduced rates. : Superintending Engineer/Executive Director, AIIMS Bhubaneswar

CLAUSE 18

List of mandatory machinery, tools &
plants to be deployed by the contractor at site

: Applicable

CLAUSE 25

Constitution of Dispute Redressal Committee (DRC) : AIIMS, Bhubaneswar

CLAUSE 32

: **Applicable**

Requirement of Technical Representative(s) and recovery Rate

Sl no	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical representative)	Minimum experience (Years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 32(i)	
						Figures	Words
1	Graduate Engineer or Diploma Engineer	Electrical /Electronic / IT	Project/ Site Engineer	5 Or 10 respectively	ONE	Rs.25000/- PM.	Rupees Twenty five Thousand Per Month each

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10 year of relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Annexure – X

TECHNICAL SPECIFICATION COMPLIANCE SHEET

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 01 : Supply ,installation ,testing and commissioning of 86", 4K Multi touch interactive display including wall Mounting Bracket.			
Screen Diagonal Size	86"		
Technology	IPS		
Resolution	3840 x 2160		
Brightness	440 nit (w/o Glass Max.), 390 nit (w/o Glass Typ.)		
Viewing Angle	178 x 178		
Contrast Ratio	1200:1		
Colour Gamut	68%		
Color Depth	1.07 B (10 bit)		
Response Time	8 ms		
Speaker Type	15x2 Ch		
Lifetime	50,000hrs (L30)		
Bezel Width (T / R / L / B)	15 / 15 / 15 / 44 mm		
Operation Time Support	16/7		
Operating System	Windows 7 / 8 / 10 / Linux / Mac / Android (Supports one point touch on Windows XP / Linux / Mac)		
RAM	4GB		
Storage	32GB		
WiFi and Bluetooth	802.11a/b/g/n/ac/ax (Wi-Fi 6) & Bluetooth 5.0		
Input / Output Ports	Inputs - HDMI (3, HDCP 2.2), RGB (VGA), Audio In, RS-232C In, RJ45 (LAN), USB 3.0 Type A (4), USB 2.0 Type A, USB Type C (USB-PD, DP-Alt) Outputs -HDMI Out, Audio Out (1, Optical 1 (SPDIF)), Touch USB (2), RJ45 (LAN)		
Point of Touch	40		
Package Dimensions (WxHxD)	2110×225×1291mm		
Product Weight	56.50kg		
Package Weight	74.3kg		
Vesa Mounting	800×600mm		
Features	Internal Memory (32 GB), Built-In Wi-Fi (Slot Type), Auto Brightness Sensor, Power Indicator, webOS ver. (Android 11.0), Background Image (Bootimg Logo Image), Multi-screen (PIP / PBP, External Source), Screen Share, Power (Smart Energy Saving, Wake on LAN)		
Operating Temperature	0~40 degree		

Operating Humidity	10%~90%RH		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 03 : Supply ,installation ,testing and commissioning of Hydraulic Popup box			
	Hydraulic Popup box with easy access to connectors durable pneumatic movement and mechanical latching mechanism one female 15pin HD CONNECTOR and 3.5 mm mini stereo audiojack two CAT RJ45 network /data/phone connector two unswitched.		
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 04 : Supply ,installation ,testing and commissioning of 4 x 4 Port 4K HDMI Matrix Switcher			
Features	Connects any of 4 HDMI sources to any of 4 HDMI displays		
	Supports 4K resolutions up to UHD (3840 x 2160) and DCI (4096 x 2160) with refresh rates of 30 Hz (4:4:4) and 60 Hz (4:2:0)		
	Signaling rates up to 3.4 Gbits for flawless 4K output		
	Multiple Control Methods – system management via front-panel pushbuttons, IR remote and RS-232 control		
Video Input			
Interfaces	4 x HDMI Type A Female (Black)		
Impedance	100 Ω		
Max. Distance	5 m		
Video Output			
Interfaces	4 x HDMI Type A Female (Black)		
Impedance	100 Ω		
Max. Distance	15 m		
Max. Data Rate	10.2 Gbps (3.4 Gbps Per Lane)		

Max. Pixel Clock	340 MHz		
Compliance	HDMI (3D, 4K, Deep Color) HDCP 1.4 Compatible Consumer Electronics Control (CEC)		
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)		
Control	USB- 1 x Micro USB		
	Connector: 1 x DB-9 Female (Black) Baud rate and protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits:1		
	1 x Mini Stereo Jack Female (Black)		
EDID Settings	EDID Mode: Default / Port1 / Remix		
Operating Temperature	0-40°C		
Storage Temperature	-20 - 60°C		
Humidity	0 - 80% RH, Non-Condensing		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 07 : Supply ,installation ,testing and commissioning of Professional boundary layer microphone			
Frequency range (-10dB)	50 - 20000 Hz		
Equivalent noise level	22 dB-A		
Sensitivity	22 mV/Pa		
Signal to Noise	72 dB-A		
Length	123 mm		
Width	86 mm		
Height	23 mm		
Audio Output	3-pin		
Voltage	12 to 48 V phantom power to DIN/IEC		
Features	Supercardioid polar pattern offers high-gain-before-feedback Phase coherent cardioid® design prevents coloration from surface sound reflections Three-position bass-tilt switch		
Impedance	150ohms		
Maximum SPL	120 dB		

Warranty	1 years
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead	

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 08 : Supply ,installation ,testing and commissioning of Networked Digital Signal Processor			
Features	<ul style="list-style-type: none"> • 12 Analog Inputs (with 48v Phantom Power per Channel) • 8 Analog Outputs • Configurable Signal Processing • Rich Palette of Processing and Logic Objects • 48 Channel, Low Latency, Fault Tolerant Digital Audio Bus • Clear Front Panel LED Indication • Bi-Directional Locate Functionality • 12 Control Inputs and 6 Logic Outputs for GPIO Integration 		
Analog Inputs	12 electronically balanced on Phoenix Combicon removable screw connectors		
Mic/Line Inputs:	Nominal gain 0dB, electronically switchable up to +48dB,in +6dB steps		
Input Impedance:	3.5k Ω		
Maximum Input Level:	+20dBu with 0dB input gain,+8dBu with 12dB gain		
CMRR:	>75dB at 1KHz		
Input Noise (E.I.N.):	<-128dBu typical with 150 Ω source		
Phantom Power:	48V nominal, selectable per input		
A/D Latency:	37/Fs [0.77ms@48k]		
Analog Outputs:	8 electronically balanced on Phoenix/Combicon removable screw connectors		
Maximum Output Level:	+19dBu		
Frequency Response:	20Hz-20KHz (+0.5dB/-1dB)		
THD:	<0.01% 20Hz to 20KHz, +10dBu output		
Dynamic Range:	108dB typical, 22Hz-22KHz unweighted		
Crosstalk:	<-75dB		
Output Impedance:	40 Ω balanced and 20 Ω unbalanced		
D/A Latency:	29/Fs [0.60ms@48k]		
Control Ports:	12 inputs and 6 outputs		

Control Input Voltage:	0 to 4.5v		
Control Input Impedance:	4.7k Ω to +5V (2-wire mode), >1M Ω (3-wire mode)		
Logic Output Voltage:	0 or +5V unloaded		
Logic Output Impedance:	440 Ω		
Logic Output Current:	10mA source, 60mA sink		
Control Network:	RJ45 Ethernet connector		
Maximum Cable Length:	100m/300ft on Category 5 cable between device and Ethernet switch		
Connectors:	2 x RJ45 Ethernet connectors		
Max. Number of Nodes:	60		
Latency:	11/Fs [0.23ms@48k]		
Pass Through Latency:	4/Fs [0.08ms@48k]		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 09 : Supply ,installation ,testing and commissioning of 8 analog Input Expander			
Features	<ul style="list-style-type: none"> 8 Analog Audio Inputs 9 Standard Terminal Block Connectors for Analog Audio Connections DIP Switches for Channel Range Selection Front Panel Input Gain and Phantom Power Control Front Panel Lockout for Tamper-Free Operation Front Panel "Stealth" Mode for Inconspicuous Operation 		
Analog Inputs:	8 electronically balanced on Phoenix/Combicon removable screw connectors		
Front Panel LED Indicators:	Signal Preset/Clip (per input), 48V (per input), Gain (0/6/12/18/24/30/36/42/48dB), and Power		
Mic/Line Inputs:	Nominal gain 0dB, electronically switchable up to +48dB, in 6dB step		
Input Impedance:	3.0k Ω		
Maximum Input Level:	+20dBu with 0dB input gain, +8dBu with 12dB gain		

CMRR:	>40dB at 1kHz		
Input Noise (E.I.N.):	<-123dBu typical with 150 Ohms source		
Phantom Power:	48V nominal, selectable per input		
A/D Latency	37/Fs [0.77ms@48k, 0.39ms@96k]		
Connectors:	2 x RJ45 Ethernet connectors		
Maximum Cable Length:	100m/300ft on Category 5e cable between devices		
Maximum Number of Nodes:	60		
Latency:	11/Fs [0.23ms@48k, 0.11ms@96k]		
Pass Through Latency:	4/Fs [0.08ms@48k, 0.04ms@96k]		
Mains Voltage:	12V DC external power supply included		
AC Power Input to Adapter:	19W		
Operating Temperature Range:	0° to 45° C (32° to 113° F)		
Warranty	1 years		

Note:

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- IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 10 : Supply ,installation ,testing and commissioning of USB Audio to Digital link Interface			
USB Audio to Digital link Interface, Low-Latency Operation, Audio Bus Supports 48kHz or 96kHz/24-Bit High-Resolution Audio, Sample Rate is Automatically Configured, Should be capable to transfer 8 Input and 8 output channel to DSP from PC or Mac.			
Warranty	1 years		

Note:

- I. Submission of **Manufacturer Authorization Certificates from OEM as per (Appendix- A)** of this item is mandatory for this item.
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- IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 12 : Supply ,installation ,testing and commissioning of 16-Channel Mixing Console			
Mixing channels	Max. 10 Mic / 16 Line Inputs (8 mono + 4 stereo)		
GROUP	4 GROUP Buses + 1 Stereo Bus		

AUX	4 AUX (incl. FX)		
On-board processors	SPX algorithm: 24 programs, PARAMETER control:1, FOOT SW:1 (FX RTN CH on/off)		
Digital I/O	USB Audio Class 2.0 compliant, Sampling Frequency: Max 192 kHz, Bit Depth: 24-bit		
Phantom power	+48V phantom power		
Total harmonic distortion	0.03 % @ +14dBu (20 Hz to 20kHz), GAIN knob: Min, 0.005 % @ +24dBu (1kHz), GAIN knob: Min		
Bus	Stereo: 1, GROUP: 4, AUX: 4 (incl. FX)		
COMP	1-knob compressor (Gain/Threshold/Ratio) Threshold: +22 dBu to -8 dBu, Ratio: 1:1 to 4:1, Output level: 0 dB to 7 dB Attack time: approx. 25 msec, Release time: approx. 300 msec		
HPF	80 Hz, 12 dB/oct (Mono/Stereo: MIC only)		
Frequency response	+0.5 dB/-1.5 dB (20 Hz to 48 kHz) , refer to the nominal output level @ 1 kHz, GAIN knob: Min		
Equivalent input noise	-128 dBu Equivalent Input Noise(Mono Input Channel, Rs: 150Ω, GAIN knob: Max)		
Residual output noise	-102 dBu (STEREO OUT, STEREO master fader: Min)		
Crosstalk	-78dB		
Power requirements	AC 100 – 240 V, 50 / 60 Hz		
Power consumption	30W max		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 13 : Supply ,installation ,testing and commissioning of Indoor wall mount Speaker			
Features	<ul style="list-style-type: none"> • 3" woofer with woven fiberglass cone • 1/2" PEI diaphragm tweeter with fluid cooling • Contemporary, high-design appearance • Weather resistant enclosure and transducers • Wide 100° x 100° coverage 		
Frequency Range (-10 dB)1	70 Hz – 20 kHz		
Frequency Response (±3 dB	95 Hz – 19 kHz		

Power Rating	100W Continuous Program (2 hrs) 50 W (200W peak), Continuous Pink Noise (2 hrs) ,40 W (160W peak) Continuous Pink Noise (100 hrs)		
Maximum Input Voltage	17.2 V RMS (2 hrs), 34.4 V peak		
Maximum SPL	103 dB ave. Continuous Pink Noise (109 dB peak)		
Sensitivity	86 dB, 1W/1m (ave. 100 Hz – 10 kHz)		
Coverage Angle	100° x 100°		
Directivity Factor (Q)	5.8 (averaged 1 kHz – 16 kHz)		
Directivity Index (DI)	7.2 dB (averaged 1 kHz – 16 kHz)		
Nominal Impedance	8 ohms (THRU setting)		
Crossover Type	2nd order low-pass, 2nd order high-pass		
Transformer Taps	70V: 15W, 7.5W, 3.7W, 1.8W 100V: 15W, 7.5W, 3.7W Insertion Loss		
Low Frequency	76 mm (3.0 in), woven-fiberglass cone with pure butyl rubber surround with Weather-Edge frame protection, hightemp Kapton™ voice coil former		
High Frequency	13 mm (0.5 in) PEI diaphragm, low-viscosity ferro-magnetic fluid, and lightweight Kapton™ voice coil former.		
Agency Rating	ROHS-compliant; Transformer UL Recognized per UL1876		
Environmental	IP-44 per IEC529 (IP-55 when installed with the optional MTC-23WMG-1 WeatherMax™ grille and either MTCPC2 or MTC-PC3 panel cover.)		
Enclosure Material	High Impact Polystyrene (HIPS), painted with highly-UV resistant paint on white (-WH) version for maximum UV fade resistance.		
Grille	Highly zinc-plated, finished in durable TGIC polyester powder coating. MTC-23WMG-1 (&-WH) available with WeatherMax™ multi-layer foam and tight-weave mesh vapor barrier backing.		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 14 : Supply ,installation ,testing and commissioning of 2 channel 300W per output channel Amplifier			
Sensitivity (for full rated power at 8 ohms)	0.7V RMS		
Rated Power Output (per channel @ 4 ohms)	300W		
Analog Input Signal to Noise Ratio (ref. rated power, 100V, 20Hz - 20kHz) at 8 ohms)	> 104dB		
THD (full rated power, 20 Hz - 20 kHz)	0.35%		
Damping Factor (20 Hz to 100 Hz)	> 1000		
Frequency Response (8Ω, 20 Hz - 20 kHz)	+/-0.5dB		
Crosstalk (below rated power) 20 Hz to 1 kHz	> 80dB		
Input Impedance (nominally balanced, nominally unbalanced)	20 kΩ balanced, 10 kΩ unbalanced		
Voltage Gain (at maximum level setting) 4/8Ω, 70Vrms and 100Vrms Operation	34dB		
Common Mode Rejection	>70dB		
DC Output Offset	±10mV		
Input Impedance	20 kΩ balanced, 10 kΩ unbalanced		
Maximum Input Level	+20dBu		
Required AC Mains (±10%)	100V – 240V~ 50/60Hz		
Cooling	Continuously variable speed forced air, front-to back airflow		
Load Impedance Stereo/Dual Mode	2Ω - 16Ω; 70Vrms and 100Vrms		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 01 - Supply ,installation ,testing and commissioning of 98" 4K UHD(3840 X 2160) LED display including wall Mounting Bracket.			
Screen Diagonal Size	98"		
Aspect Ratio	16:9		
Refresh Rate	60 Hz		
Resolution (HxV)	3840(H)x2160(V)		
Brightness (typ)	500 nits		
Contrast Ratio	1,200 : 1		
Dynamic CR	200,000 : 1		
Color gamut	DCI-P3 88%↑		
Viewing Angle (H x V)	178 × 178		
Color Depth	1.07 Billion Colors (8 bits + FRC)		
Operation Time	16/7		
Surface Treatment (Haze)	25%		
Lifetime	30,000(Typ.)		
Layout	Portrait / Landscape		
Bezel Width	17 mm (Even Bezel)		
Internal Memory	16 GB		
Wi-Fi	Built-in Wi-Fi		
webOS ver.	webOS 6.0		
VESA (Wall mounting Size)	800x400 mm		
Power Requirements	100-240V~ 50/60Hz		
Standby Power	0.5W		
Connectivity	Input - HDMI (3 (HDMI1/2 : HDCP 2.2/1.4, HDMI3)), DP (HDCP 2.2/1.3), DVI-D (HDCP 1.4), Audio In, RS-232C (4 Pin Phone-jack), RJ45 (LAN), IR In, USB 2.0 Type A Output - Output HDMI Out, Audio Out, RS-232C Out (4 Pin Phone-jack), Daisy Chain (Input HDMI, DP, DVI / Output HDMI)		
Speaker	(10W X 2)		
Operation Temperature	0°C - 40°C		
Operation Humidity	10% - 80%		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for			

	this item.
II.	OEM or its brand shall not have been blacklisted by any Government Organization in India.
III.	At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead.
IV.	Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO: 02 & Part B- SL NO: 02 : Supply ,installation ,testing and commissioning of 65" 4K UHD(3840 X 2160) resolution Android LED display including wall/ceiling Mounting Bracket as required.			
Screen Diagonal Size -65"			
Aspect Ratio-16:9			
Resolution-(3840*2160)UHD			
Brightness-400 Nits			
Orientation- Landscape			
Contrast Ratio-1200:1			
Operation Hours-16 / 7			
Connectivity - HDMI 2.0 (3) , Headphone Out, AV In , RS232C , USB 2.0 , Digital Audio Out , Audio Line Out , RJ45			
Audio Output Power (RMS)- 10+10W			
Vesa Mount – 300x300mm			
Smart Function- Web OS 6.0 , Smart Home, Web Browser, Pre-loaded App,SDP server compatibility , Soft AP, Wifi , Smart share , Bluetooth Audio Playback ,HDMI ARC , USB Cloning			
OPERATING VOLTAGE 110V-240V~ at 50/60Hz Operating Condition- Temperature- 0°C~ 40°C			
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 03 - Supply ,installation ,testing and commissioning of 55" 4K UHD(3840 X 2160) resolution Android LED display including moving popup wall Mounting Bracket.			
Screen Diagonal Size -55"			
Aspect Ratio-16:9			
Resolution-(3840*2160)UHD			

Brightness-400 Nits			
Orientation- Landscape			
Contrast Ratio-1300:1			
Operation Hours-16 / 7			
Connectivity - HDMI 2.0 (3) , Headphone Out, AV In , RS232C , USB 2.0 , Digital Audio Out , Audio Line Out , RJ45			
Audio Output Power (RMS)- 10+10W			
Vesa Mount – 300x300mm			
Smart Function- Web OS 6.0 , Smart Home, Web Browser, Pre-loaded App,SDP server compatibility , Soft AP, Wifi , Smart share , Bluetooth Audio Playback ,HDMI ARC , USB Cloning			
OPERATING VOLTAGE 110V-240V~ at 50/60Hz Operating Condition- Temperature- 0°C~ 40°C			
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 04 : Supply ,installation ,testing and commissioning of 8 x 8 Port 4K HDMI Matrix Switcher			
Features	Connects any of 8 HDMI sources to any of 8 HDMI displays		
	Supports True 4K resolutions up to 4096 x 2160 @ 60Hz (4:4:4)		
	Multiple Control Methods – system management via front-panel pushbuttons, IR remote, RS-232 control, and Web GUI/Telnet via Ethernet connections		
	HDMI (3D, Deep Color, 4K) and <u>HDCP</u> 2.2 compatible		
Video Input			
Interfaces	8 x HDMI Type A Female (Black)		
Impedance	100 Ω		
Max. Distance	5.0 m / 4K@60Hz (4:4:4)		
Video Output			
Interfaces	8 x HDMI Type A Female (Black)		
Max. Distance	5m / 4K@60Hz (4:4:4) 15m / 1920 x 1200		
Impedance	100 Ω		

Max. Pixel Clock	600 MHz		
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)		
Max. Data Rate	18 Gbps(6 Gbps Per Lane)		
Compliance	HDMI (3D, 4K, Deep Color) HDCP 2.2 Compatible Consumer Electronics Control (CEC)		
Control	RS-232- Connector: 1 x DB-9 Female (Black) Baud rate and protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits:1, Parity: No, Flow Control: No		
	IR- 1 x Mini Stereo Jack Female (Black)		
	Ethernet- 1 x RJ-45 Female		
EDID Settings	EDID Mode: Default / Port 1 / Remix / Customized (EDID Wizard Support)		
Operating Temperature	0-40°C		
Humidity	0 - 80% RH, Non-Condensing		
Storage Temperature	-20 - 60°C		
Maximum Input Power Rating	100-240 VAC; 50-60 Hz; 1.0A		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO: 05 & Part B- SL NO 05 : Supply ,installation ,testing and commissioning of 20 meter True 4K HDMI Active Optical Cable			
Features	Extends True 4K signals up to 20m Reduced EMI and RFI for lower noise interference Gold-plated connectors for reliable transmissions		
	Supports multi audio channel – Dolby TrueHD and DTS-HD Master Audio		
	Robust cable pulling strength (Max.10 kg) and compression load resistance (Max.50 kg)		
	High data transfer rate of 18 Gbps		
Cable Length	20M / 65.6ft		
Cable Type	Hybrid type with optical fiber (OM3) and copper wire		
Video Input Interfaces	1 x HDMI 19-pin Type-A Male		
Video Output Interfaces	1 x HDMI 19-pin Type-A Male		
Video			
Max. Data Rate	18 Gbps (6 Gbps per Channel)		

Max. Pixel Clock	600 MHz (Max.)		
Max. Resolutions / Distance	Up to 4096 x 2160 / 3840 x 2160 @60Hz (4:4:4) / 20M *Color sub-sampling: 4:4:4 / 4:2:2 / 4:2:0 *Color Depth: 30 / 36 / 48 bit		
Compliance	HDMI (3D, Deep Color, 4K, HDR, ARC) HDCP 2.2		
Signals	TMDS / HDCP 2.2 / EDID / CEC		
Audio Input	PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio		
Audio Output	PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio		
Certifications	Safety and Emission: CE / FCC / RoHS / REACH / UL VW-1 EMC Class-A / Class-B		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO: 06 & Part B- SL NO 06: Supply ,installation ,testing and commissioning of 30 meter True 4K HDMI Active Optical Cable			
Features	Extends True 4K signals up to 30m Reduced EMI and RFI for lower noise interference Gold-plated connectors for reliable transmissions		
	Supports multi audio channel – Dolby TrueHD and DTS-HD Master Audio		
	Robust cable pulling strength (Max.10 kg) and compression load resistance (Max.50 kg)		
	High data transfer rate of 18 Gbps		
Cable Length	30M / 98.4ft		
Cable Type	Hybrid type with optical fiber (OM3) and copper wire		
Video Input Interfaces	1 x HDMI 19-pin Type-A Male		
Video Output Interfaces	1 x HDMI 19-pin Type-A Male		
Video			
Max. Data Rate	18 Gbps (6 Gbps per Channel)		
Max. Pixel Clock	600 MHz (Max.)		
Max. Resolutions / Distance	Up to 4096 x 2160 / 3840 x 2160 @60Hz (4:4:4) / 30M		

	*Color sub-sampling: 4:4:4 / 4:2:2 / 4:2:0 *Color Depth: 30 / 36 / 48 bit		
Compliance	HDMI (3D, Deep Color, 4K, HDR, ARC),HDCP 2.2		
Signals	TMDS / HDCP 2.2 / EDID / CEC		
Audio Input	PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio		
Audio Output	PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio		
Certifications	Safety and Emission: CE / FCC / RoHS / REACH / UL VW-1 EMC Class-A / Class-B		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 07 : Supply ,installation ,testing and commissioning of 2-way passive loudspeaker			
Frequency range (-10dB)	55 Hz - 20 kHz		
Coverage area	H90° x V60° (Rotatable)		
Crossover	2.5 kHz		
Nominal impedance	8 Ω		
Sensitivity (1W; 1m on axis)	93 dB SPL		
Peak (Calculated)	122 dB SPL		
Components (LF)/(HF)	Diameter: 10" cone, Voice Coil: 2", Magnet: Ferrite Diaphragm: 1.4", Type: 1" throat compression driver, Magnet: Ferrite		
Power rating (NOISE/PGM/PEAK)	175W/350W/700W		
I/O connectors	SpeakON NL4MP x 2 (Parallel)		
Cabinet material	Plywood, Durable Polyurea Painting, Black		
Pole socket	Φ35 mm x1 (Bottom)		
Rigging	Top x 2, Rear x 1 (Fit for M10 x 30 - 50 mm Eyebolts)		
Dimensions (W X H X D)	305 mm (12.0")x494 mm (19.5") (with rubber feet)x300 mm (11.8")		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 08: Supply ,installation ,testing and commissioning of 15-inch subwoofer			
Frequency range (-10dB)	Passive: 33 Hz - 3.5kHz, Normal (*1): 35 Hz - 150 Hz, Extend (*1): 33 Hz - 150 Hz		
Nominal impedance	8 Ω		
Sensitivity (1W; 1m on axis)	98 dB SPL		
Peak (Calculated)	130 dB SPL		
Components (LF)	15" Cone, 4" Voice Coil, Ferrite magnet		
Power rating (NOISE/PGM/PEAK)	400W/800W/1600W		
I/O connectors	SpeakON NL4MP x 3 (Parallel x2, Output x1)		
Cabinet material	Aluminium die-cast, Side x2, Plywood, Durable Polyurea coating		
Pole socket	Φ 35 mm (depth 80mm), M20 Threaded (depth 25mm)		
Dimensions (W X H X D)	450 mm (17.7")x587 mm (23.1") (with rubber feet)x600 mm (23.6")		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 09 : Supply ,installation ,testing and commissioning of 2x 1000W Amplifier			
Frequency range (-10dB)	\pm 1.0dB (1W, 8 Ω , 20Hz to 20kHz)		
Output power	2x 1000W at 8 Ω 2x 1200W at 4 Ω		
Sampling frequency rate	48kHz		
A/D D/A Converters	AD/DA: 24-bit linear, 128 times over sampling		
Total harmonic distortion	0.1% (1kHz, 10W), 0.3% (1kHz, Half power)		
S/N ratio	101dB (A-weighted, 8 Ω , Gain setting = +14dBu)		
Crosstalk	Less than -60dB (Half Power, 8 Ω , 1kHz, Vol max input 150 Ω shunt)		
Voltage Gain/Sensitivity	32.0dB/+9.3dBu (Gain setting: 32dB), 26.0dB/+15.3dBu (Gain setting: 26dB), 37.3dB/+4dBu (Gain setting: +4dBu), 27.3dB/+14dBu (Gain setting: +14dBu)		
Maximum input voltage	+24dBu		

Input impedance	20kΩ (Balance), 10kΩ (Unbalance)		
I/O Connectors	Neutrik speakON NL4 x2, Binding post x2 pairs, 1/4" PHONE(TS) x2		
Indicators	POWER x1 (Green), ALERT x1 (Red), USB x1 (Green), PROTECT x2 (Red), CLIP/LIMIT x2 (Red), SIGNAL x2 (Green); Auto LED off feature		
Processors	Input summing; D-CONTOUR(FOH/MAIN, MONITOR, OFF); Delay(0 - 74msec); HPF/LPF(cutoff frequency 20Hz~20kHz with polarity control); Speaker Processor(6 band PEQ + Limiter + Delay)		
Latency	1.5 msec (Analog Input to Speakers)		
Amplifier class	Class D, Balanced output circuit (BTL)		
Power requirements	100V 50Hz/60Hz, 120V 60Hz, 220V-240V 50Hz/60Hz		
Power consumption	310W (1/8 MAX power, 4Ω, Pink noise at all channels), 60W (4Ω, Idling)		
Warranty	1 years		

Note:

- I. Submission of **Manufacturer Authorization Certificates from OEM as per (Appendix- A)** of this item is mandatory for this item.
- II. OEM or its brand shall not have been blacklisted by any Government Organization in India.
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- IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 10 : Supply ,installation ,testing and commissioning of 10" 2-way, Bi-amped Powered Speaker			
Frequency range (-10dB)	52 Hz - 20 kHz		
Coverage area	H90° x V60° (Rotatable)		
Crossover	1.9 kHz: FIR-X tuning™ (linear phase FIR filter)		
Maximum Output Level	128 dB SPL		
Components (LF)/(HF)	Diameter: 10" cone, Voice Coil: 2", Magnet: Ferrite / Diaphragm: 1.4", Type: 1" throat compression driver, Magnet: Ferrite		
Amplifier class	Class-D		
Power rating (Dynamic/Continuous)	700 W (LF: 500 W, HF: 200 W) *1 / 325 W (LF: 260 W, HF: 65 W)		
Cooling	Fan cooling, 4 speeds		
Power consumption	60 W (1/8power), 18 W (Idle)		
A/D D/A Converters	24 bit 48 kHz Sampling		
Processors	HPF: OFF, 100 Hz, 120 Hz, 24 dB/Oct.; D-CONTOUR: FOH/MAIN, MONITOR, OFF		
I/O connectors	INPUT1: Combo x1, INPUT2: Combo x 1 + RCA pin x 2 (Unbalanced), OUTPUT: XLR3-32 x 1 (CH1 Parallel Through or CH1+CH2 Mix)		
Cabinet material	Plywood / Durable Polyurea Painting, Black		

Warranty	1 years
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead	

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 11 & Part B- SL NO 11 : Supply ,installation ,testing and commissioning of Dual Vocal Wireless Microphone			
Dual Channel Diversity Receiver Up to 8 selectable channels Up to 4 compatible systems* Antenna Switching Diversity Adjustable Squelch Level 1/4" and XLR output Mic Frequency -60hz – 15khz			
Wireless Handheld Transmitter RF Level Switch between 1mW and 10mW 2 "AA" batteries Up to 10 hours of battery life Bottom on/off switch design Anti-rolling ring on grille Power and battery status LED			

Warranty	1 years
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead	

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 12 : Supply ,installation ,testing and commissioning of Wireless Headset dynamic cardioid microphone			
Type	Wireless Headset dynamic cardioid microphone with rack mount receiver		
Mic frequency	40 Hz to 20,000 Hz		
Available Frequencies	524–865 MHz		
Battery Life	up to 14 hours alkaline battery		
Operating Range	300 ft		
Transmitter RF Output Power	10 mW		
Dynamic Range	100 dB or more		
THD	0.5%		
Input Impedance	1 MΩ		

Gain Adjustment Range	26 dB		
Output Impedance	2400 Ω		
Maximum SPL	153 dB		
Audio Input Level	-16 dBV max		
Receiver	Up to 12 compatible systems per frequency band, internal antenna diversity, One-touch QuickScan frequency selection		
	LCD display with detailed RF and audio metering		
	Rugged metal rack mounted		
	XLR and 1/4" unbalanced connector		
	-27 dBV (XLR, mic level) , -13 dBV (1/4") Max Output Level		
	12–18 V DC at 260 mA supplied by power supply		
Operating Temperature Range	-18°C – +50°C		

Warranty**1 years****Note:**

- I. Submission of **Manufacturer Authorization Certificates from OEM as per (Appendix- A)** of this item is mandatory for this item.
- II. OEM or its brand shall not have been blacklisted by any Government Organization in India.
- III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead.
- IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO: 13 : Supply ,installation ,testing and commissioning of Wireless Lapel dynamic cardioid microphone			
Type	Wireless lavalier Presenter System with receiver.		
Mic frequency	60hz – 12khz		
Available Frequencies	524–865 MHz		
Battery Life	up to 14 hours alkaline battery		
Operating Range	300 ft		
Transmitter RF Output Power	10 mW		
Dynamic Range	100 dB or more		
THD	0.5%		
Receiver	Up to 12 compatible systems per frequency band, internal antenna diversity, One-touch QuickScan frequency selection		
	LCD display with detailed RF and audio metering		
	Rugged metal rack mounted		
	XLR and 1/4" unbalanced connector		

	-27 dBV (XLR, mic level) , -13 dBV (1/4") Max Output Level		
	12–18 V DC at 260 mA supplied by power supply		
Operating Temperature Range	-18°C – +50°C		
Warranty	1 years		
Note: <ol style="list-style-type: none"> Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. OEM or its brand shall not have been blacklisted by any Government Organization in India. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead 			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO 14 : Supply ,installation ,testing and commissioning of Wired Condenser 18 inch Gooseneck Microphone with base			
Type	wired Condenser 18 inch Gooseneck with base		
Polar Pattern	Cardioid		
Maximum SPL	124 dB		
Frequency Range	50 Hz – 17 kHz		
Dynamic Range 1 kΩ load at 1 kHz	96.2 dB 100 dB at 0 gain		
Sensitivity	–35 dBV/Pa or 17.8 mV		
Equivalent Output Noise	28 dB SPL		
Signal-to-Noise Ratio	66 dB		
Common Mode Rejection	45 dB minimum		
Preamplifier Output Clipping Level 1% THD	–6 dBV or 0.5 V		
Mute Switch Attenuation	–50 dB minimum		
Power Requirements	11 – 52 Vdc phantom, 8 mA		
Environmental Conditions	Operating temperature range: -18° – 57° C Relative humidity: 0 – 95%		
Feature	Green LED at the bottom, bottom cable exit, preamp,black, 3-pin XLR Connection, programable mute switch		
Warranty	1 years		
Note: <ol style="list-style-type: none"> Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. OEM or its brand shall not have been blacklisted by any Government Organization in India. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead 			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO 15 : Supply ,installation ,testing and commissioning of Digital Podium with Metallic Body, Interactive Touch Monitor			
Body and Top : Metallic All Doors Lockable Top Sliding Mechanism Provision for Monitor Electronic Monitor Lift Document Camera Tray			
Screen Size : 21.5" Diagonal Resolution : 1920 x 1080 PC Connection : USB Port Brightness : 250 cd/m2 Input : HDMI Display Colors : 16.7M Response Time : 5ms Contrast Ratio : 1000/1 Operating System : Windows, Linux, Mac.			
Digital Signal Processor Frequency Range : 30Hz -15000 Hz Automatic Echo Cancellation Automatic Gain Control Dynamic Noise Reduction Full Duplex : Yes Line Input : 1x Line Input Line Output : 1 x Line Output USB Audio Port : 1 x USB Port			
Central Controller Ethernet : 1x RJ-45 RS-232 Port : Total 1 dedicated RS-232 Port Relay Switch Port : Screen Up / Screen Down (2 Nos) Button Pad with Buttons: VGA, HDMI, PC, Screen up / Screen Down, Projector Lift up, Projector Lift Down, Mic Mute / Unmute, Volume Mute / Unmute, Volume Up/Down.			
Laptop Interface Laptop Interface : Inbuilt Video Port For laptop : 1x USB TYPE-C, 2 x HDMI Audio Port for Laptop : 1x 3.5mm Stereo Female Port LAN Port : 1x RJ-45 USB Ports : 4x USB 2.0 Ports, 1x USB 3.0 Ports, 1xUSB (Laptop Touch & DSP), 1xUSB (CPU Touch & DSP) Power Socket : 3 Pin AC 220 Power Socket RS-232 Port : 1X 3 Pin RS-232 Ports, 1 x 9 Pin RS-232 Port. Video Input Ports : 2 HDMI x Laptop, 1 HDMI x PC, 1 HDMI x Visualizer Switcher : Inbuilt 4 HDMI Input, 2 HDMI Output, 1 VGA Output			
Warranty	1 years		
Note: <ol style="list-style-type: none"> Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. OEM or its brand shall not have been blacklisted by any Government Organization in India. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead 			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
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Part B- SL NO 16 : Supply ,installation ,testing and commissioning of Digital Mixing Console			
Fader Configuration	16 + 1 (Master)		
Input Channels	40 (32 mono + 2 stereo + 2 return)		
Aux Buses	20 (8 mono + 6 stereo)		
Stereo Buses	1		
Sub Buses	1		
Input channel functions	8 DCA Groups		
Inputs	16 mic/line (XLR/TRS combo) + 2 stereo line (RCA pin)		
Outputs	16 (XLR)		
Expansion slots	1		
On-board processors	8 Effects + 10 GEQ		
Sampling frequency rate	48 kHz		
Signal delay	Less than 2.6 ms, INPUT to OMNI OUT, Fs=48 kHz		
Fader	100 mm motorized, Resolution = 10-bit, +10 dB to -138 dB, $-\infty$ dB all faders		
Total harmonic distortion	Less than 0.05% 20 Hz–20 kHz @+4 dBu into 600 Ω , INPUT to OMNI OUT, Input Gain=Min.		
Frequency response	+0.5, -1.5 dB 20 Hz–20 kHz, refer to +4 dBu output @1kHz, INPUT to OMNI OUT		
Dynamic range	110 dB typ., DA Converter, 107 dB typ., INPUT to OMNI OUT, Input Gain=Min.		
Equivalent input noise	-128 dBu typ., Input Gain=Max.		
Residual output noise	-85 dBu, ST master off		
Crosstalk	-100 dB		
Power requirements	100-240V 50Hz/60Hz		
Power consumption	100W		
Dimensions(WXHXD)	510mmx225mmx599mm		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO 17 : Supply ,installation ,testing and commissioning of Loudspeaker Management System			

Input	(2) line inputs. (1) RTA Mic input		
Input Connectors	(2) Female XLR line inputs. (1) Female XLR RTA Mic input		
Input Type	Electronically balanced/RF filtered		
Input Impedance	>50 kohm		
A/D Converter	Type IV™ Conversion System		
CMRR	> 45dB		
Mic Preamp Phantom Power	+15VDC (RTA)		
Mic Preamp Equivalent Input Noise (EIN)	< -117dB, 22Hz-22kHz, 150 ohm (RTA)		
Input Impedance	>50 kohm		
Output	(6) Line Outputs		
Output Connectors	Male XLR		
Output Type	Electronically balanced, RF filtered		
Output Impedance	120 Ω		
Max Output	+20dBu		
A/D Dynamic Range	112 dB A-weighted, 110 dB unweighted		
Output	(6) Line Outputs		
Features	AFS™ (Advanced Feedback Suppression) Graphic EQ 8-Band Parametric EQ Crossover (supports full range, 2-way, and 3-way systems) 8-Band Parametric EQs (used for speaker tunings)		
Input Delay Length	100ms		
Alignment Delay	10ms per channel (60ms total)		
Sample Rate	48kHz		
Dynamic Range	>110 dB A-weighted, >107dB unweighted		
THD+Noise	0.003% typical at +4dBu, 1kHz, 0dB input gain		
Frequency Response	20Hz – 20kHz, +/- 0.5dB		
Warranty	1 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO 16 Part B- SL NO 18 : Supply ,installation ,testing and commissioning of 2-meter High-Speed True 4K HDMI Cable			
Features	HDMI (3D, Deep Color, 4K); <u>HDCP 2.2</u> compliant Superior video quality – <u>True 4K</u> (4096 x 2160 @60Hz; 3840 x 2160 @ 60Hz 4:4:4)		

	Gold-plated connectors for reliable transmissions		
Cable Length	2M		
Cable Color	Black		
Cable Outer Dimension	6.0 ± 0.20mm		
Conductor Gauge	30AWG		
Conductor Material	Tinned Copper		
Connector Plating	Gold		
Connector Type	HDMI (19pin) Male to Male		
Cable Shield Type	Aluminium Foil		
Cable Jacket Type	PVC		
Max. Video Resolution	4096x2160@60Hz (4:4:4)		
Warranty	3 years		

Note:

- I. Submission of **Manufacturer Authorization Certificates from OEM as per (Appendix- A)** of this item is mandatory for this item.
- II. OEM or its brand shall not have been blacklisted by any Government Organization in India.
- III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead.
- IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO – 19 : Supply ,installation ,testing and commissioning of 5-meter High-Speed True 4K HDMI Cable			
Features	HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant Superior video quality – True 4K (4096 x 2160 @60Hz; 3840 x 2160 @ 60Hz 4:4:4) Gold-plated connectors for reliable transmissions		
Cable Length	5M		
Cable Color	Black		
Cable Outer Dimension	8.0 ± 0.20mm		
Conductor Gauge	26AWG		
Conductor Material	Tinned Copper		
Connector Plating	Gold		
Connector Type	HDMI (19pin) Male to Male		
Cable Shield Type	Aluminium Foil		
Cable Jacket Type	PVC		
Max. Video Resolution	4096x2160@60Hz		
Warranty	3 years		
Note:			

I.	Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item.
II.	OEM or its brand shall not have been blacklisted by any Government Organization in India.
III.	At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead.
IV.	Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO 20: Supply ,installation ,testing and commissioning of HDMI Passive Wall Plate with HDMI HDBaseT Extender Receiver			
TRANSMITTER			
Features	Extends HDMI signals with superior video quality over a single Cat 5e/6/6a cable <ul style="list-style-type: none"> • 4K up to 40 m • 1080p up to 70 m Built-in PoH (Power over HDBaseT) function Supports RS-232 channel transmission Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to a single remote control HDBaseT Anti-jamming – resists signal interference during high-quality video transmission using HDBaseT technology		
Video Input			
Interfaces	1 x HDMI Type A Female (Black)		
Impedance	100 Ω		
Max. Distance	3m		
Video			
Max. Data Rate	10.2Gbps (3.4Gbps per lane)		
Max. Pixel Clock	340 MHz		
Compliance	HDMI (3D, Deep Color, 4K) HDCP2.2 Compatible Consumer Electronics Control (CEC)		
Max. Resolutions / Distance	Up to 4K@35m (Cat 5e/6) / 40m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat6) *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)		
Max. Data Rate	10.2Gbps (3.4Gbps per lane)		
Audio	1 x HDMI Type A Female (Black)		
RS-232 Channel	1 x Terminal Block (3 pole, TX/RX/GND, Green)		
Contact Out	1 x Terminal Block (2 pole, DO/GND, Green)		
RECEIVER			
Features	HDBaseT Connectivity – extends an HDMI connection over a long distance via one Cat 5e/6/6a cable PoH (Power over HDBaseT) – supplies power from Transmitter		

	to Receiver over a long distance via one Cat 5e/6/6a cable Bi-directional RS-232 channel – allows you to connect to serial terminals or serial devices, such as touch screens and barcode scanners Bi-directional IR channel – IR transmission is processed one direction at a time		
Video Output			
Interfaces	1 x HDMI Type A Female (Black)		
Impedance	100Ω		
Max. Distance	3 m		
Video			
Max. Data Rate	10.2Gbps (3.4Gbps per lane)		
Max. Pixel Clock	340 MHz		
Compliance	HDMI (3D, Deep Color, 4K) HDCP2.2 Compatible Consumer Electronics Control (CEC)		
Max. Resolutions / Distance	Up to 4K@35m (Cat 5e/6) / 40m 1080p@60m (Cat 5e/6) / 70m		
Audio	1 x HDMI Type A Female (Black)		
RS-232	Connector: 1 x Terminal Block, 3 pole Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow contro		
IR	1 x Mini Stereo Jack Female (Black)		
Warranty	3 years		
Note: I. Submission of Manufacturer Authorization Certificates from OEM as per (Appendix- A) of this item is mandatory for this item. II. OEM or its brand shall not have been blacklisted by any Government Organization in India. III. At the time of delivery must submit Warranty and Test certificate mentioning the Serial No. of respective products in OEM letterhead. IV. Above compliance sheet should be complied by OEM / Bidder authorized person in letterhead			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO – 21 : Supply ,installation ,testing and commissioning of 8-Channel Junction Box			
8-Channel Junction Box, designed for pro audio signal distribution, featuring high-quality connectors for reliable and secure signal transmission. It should be built to withstand the demands of stage environments, ensuring durability and excellent performance.			
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			
Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO 22: Supply ,installation ,testing and commissioning of 8 Pair Digital Snake Cable			
8 Pair Digital Snake Cable featuring 24 AWG (19/0.12mm) x 2 core ABC copper conductors with PE insulation. The cable should be core twisted in a circular form, polyester taped, and shielded with ABC spiral and aluminium foil for enhanced protection against interference. The cable should have a PVC inner sheath, with a matt finish high-flex special PVC outer sheath, ensuring durability and flexibility			
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part B- SL NO 23 : Supply ,installation ,testing and commissioning of Microphone Stand (Large)			
Type : Floor Stand Height : 920-1500 mm Base Dia: 230 mm Weight : 4.60kg			
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO 17 & Part B- SL NO 24 : Supply ,installation ,testing and commissioning of 2-core cable featuring 22 AWG Microphone Cable			
2-core cable featuring 22 AWG Microphone Cable , insulated with PE for high performance. The cores should be twisted in a circular form for improved durability. The cable should be covered with a special moisture-proof polymer to prevent water ingress, and spiral shielded with 97% ATC copper for enhanced signal integrity and electromagnetic interference (EMI) protection.			
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO 18 & Part B- SL NO 25 : Supply and laying of 2-core speaker cable			
2-core speaker cable with a conductor size of 1.5 Sqmm (48/0.20mm), featuring ATC (Annealed Tin Copper) conductors for optimal signal transmission. The cable should be PVC insulated with each core twisted for enhanced durability and performance			
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A- SL NO 15 & Part B- SL NO 26: Supply ,installation ,testing and commissioning of slide changer			
Slide changer compatible with Windows computers and laptops featuring USB 2.0. It must offer intuitive controls for easy presentation navigation, along with a red laser pointer for enhanced presentation delivery. The device should have a 50-foot (15-meter) range and include a battery indicator for convenience. It must be plug-and-play, requiring no software installation—simply plug the receiver into a USB port for immediate functionality.			
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.			

Feature	Specification	Compliance (Yes/No)	Remarks (if any)
Part A SL NO 19 & Part B- SL NO 28: Supply ,installation ,testing and commissioning of 17U floor-mounted equipment rack			
The Floor Standing Racks Moducab 17U 600mm Width 800mm Depth with openable CRCA Sheet side panel , 1 Top Cover and 1Bottom Cover with gland plate and rubber grommets for cable entry			

provisions shall be basic structure of rack is made up of 4 vertical aluminum alloy extruded members bolted with 4 horizontal aluminum		
alloy extruded members which forms 2 frame structures which are joined together by 4 depth sections with nut plates as Assemble/CKD (Complete Knock Down) design for easy accessibility and easy installation at site as and when required		
Salt spray test according to ISO 9227 (NSS test) and IEC EN 60068-2-11 (Ka test) for 168 hours: degree of Rusting Ri1 according to ISO 4628-3, propagation ≤1 mm according to ISO 4628-8.		
UL approved product as per UL 2416 ISO 9001:2015, ISO 14001:2015, DIN 41494.		
Permissible load bearing up to 1200 kg		
Epoxy polyester powder coating 60-80 micron thickness.		
Front Moducab Front Glass Door – 17U - 800W - Cam Lock - Ventilation - Pastal Fine Tex. -1Nos.		
RearModucab Rear Single Door – 17U - 800W - Cam Lock - Square Slot Ventilation - Pastal Fine Tex. - 1Nos.		
Two Fan Directly top mounted inside the rack-1Nos.		
Set of 4 Castor 2With BRK /2 without BRK - 1Set		
Mounting Hardware Packet { Containg 1 Nos Each Of 3 } - 20 Set - 1PKT		
Metal Cable Manager - 01U - Plastic Cable Loop's Mountable -1Nos.		
Monitor Tray - Ventilation - 495W - 475D -1Nos		
Power Distribution Unit - 06 Amp Universal - 06 Socket- 16 Amp Switch with Indicator - 06/16 Amp Fuse - 06/16 Amp 3 Pin Plug with Power Cable 0.75 sq.mm 1.5 meter Length – 1 No - 1Nos		
Note: Above compliance sheet should be complied by Bidder authorized person in company letter head with seal and signed.		

Annexure – XI

PREFERRED MAKELIST OF MATERIALS

Part A: MS BOARD ROOM		
SL. NO.	Item Description	preferred makes
1	Supply ,installation ,testing and commissioning of 86", 4K Multi touch interactive display	LG / Samsung / Panasonic
2	Supply ,installation ,testing and commissioning of 65" 4K UHD(3840 X 2160) resolution Android LED display	LG / Samsung / Panasonic
3	Supply ,installation ,testing and commissioning of Hydraulic Popup box	LG / Samsung / Panasonic
4	Supply ,installation ,testing and commissioning of 4 x 4 Port 4K HDMI Matrix Switcher	Aten/Extron/Kramer
5	Supply ,installation ,testing and commissioning of 20 meter True 4K HDMI Active Optical Cable	Aten/Extron/Kramer
6	Supply ,installation ,testing and commissioning of 30 meter True 4K HDMI Active Optical Cable	Aten/Extron/Kramer

7	Supply ,installation ,testing and commissioning of Professional boundary layer microphone	Shure/AKG/Electro-Voice
8	Supply ,installation ,testing and commissioning of 12 x 8 Networked Digital Signal Processor	BSS/Bose/Dyanacord
9	Supply ,installation ,testing and commissioning of 8 analog Input Expander	BSS/Bose/Dyanacord
10	Supply ,installation ,testing and commissioning of USB Audio to Digital link Interface	BSS/Bose/Dyanacord
11	Supply ,installation ,testing and commissioning of Dual Vocal Wireless Microphone System	Shure/Electro-voice/AKG
12	Supply ,installation ,testing and commissioning of 16-Channel Mixing Console	Yamaha/Midas/Allen&Heath
13	Supply ,installation ,testing and commissioning of Ultra-Compact Indoor Speaker	JBL/ d&b audiotechnik /Electro-voice
14	Supply ,installation ,testing and commissioning of 2 channel 300W per output channel Amplifier	Crown/Bose/Powersoft
15	Supply ,installation ,testing and commissioning of Side changer	Logitech/Kensigton/Viboton
16	Supply ,installation ,testing and commissioning of 2 meter High-Speed True 4K HDMI Cable	Aten/Extron/Kramer
17	Supply ,installation ,testing and commissioning of 2-core cable featuring 22 AWG Microphone Cable	Krystal/Klotz/Belden
18	Supply ,installation ,testing and commissioning of 2-core speaker cable	Krystal/Klotz/Belden
19	Supply ,installation ,testing and commissioning of 17U floor-mounted equipment rack	Netrack/ President/Legrand
20	Supply , Installation , testing and commissioning of XLR, Speakon, TRS, Phono, etc various connectors for connectivity	MX/Neutrik / Belden
21	Supplying and fixing of 32mm sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	AKG / Polycab / Finolex

Part B: Mini Auditorium

SL. NO.	Item Technical Specification	preferred makes
1	Supply ,installation ,testing and commissioning of 98" 4K UHD(3840 X 2160) LED display	LG / Samsung / Panasonic
2	Supply ,installation ,testing and commissioning of 65" 4K UHD(3840 X 2160) resolution Android LED display	LG / Samsung / Panasonic
3	Supply ,installation ,testing and commissioning of 55" 4K UHD(3840 X 2160) resolution Android LED display	LG / Samsung / Panasonic
4	Supply ,installation ,testing and commissioning of 8 x 8 Port 4K HDMI Matrix Switcher	Aten/Extron/Kramer
5	Supply ,installation ,testing and commissioning of 20 meter True 4K HDMI Active Optical Cable	Aten/Extron/Kramer
6	Supply ,installation ,testing and commissioning of 30 meter True 4K HDMI Active Optical Cable	Aten/Extron/Kramer
7	Supply ,installation ,testing and commissioning of 2-way passive loudspeaker	Yamaha/Meyer Sound / d&b audiotechnik

8	Supply ,installation ,testing and commissioning of 15-inch subwoofer	Yamaha/Meyer Sound / d&b audiotechnik
9	Supply ,installation ,testing and commissioning of 2x 1000W Amplifier	Yamaha/Meyer Sound / d&b audiotechnik
10	Supply ,installation ,testing and commissioning of 10" 2-way, Bi-amped Powered Speaker	Yamaha/Meyer Sound / d&b audiotechnik
11	Supply ,installation ,testing and commissioning of Dual Vocal Wireless Microphone	Shure/Electro-voice/AKG
12	Supply ,installation ,testing and commissioning of Wireless Headset dynamic cardioid microphone	Shure/Electro-voice/AKG
13	Supply ,installation ,testing and commissioning of Wireless Lapel dynamic cardioid microphone	Shure/Electro-voice/AKG
14	Supply ,installation ,testing and commissioning of Wired Condenser 18 inch Gooseneck Microphone with base	Shure/Electro-voice/AKG
15	Supply ,installation ,testing and commissioning of Digital Podium with Metallic Body, Interactive Touch Monitor	Peoplelink/AHA/Tecomm
16	Supply ,installation ,testing and commissioning of Digital Mixing Console	Yamaha/Midas/Allen & Heath
17	Supply ,installation ,testing and commissioning of Loudspeaker Management System	DBX/BSS/Bose
18	Supply ,installation ,testing and commissioning of 2-meter High-Speed True 4K HDMI Cable	Aten/Extron/Kramer
19	Supply ,installation ,testing and commissioning of 5-meter High-Speed True 4K HDMI Cable	Aten/Extron/Kramer
21	Supply ,installation ,testing and commissioning of HDMI Passive Wall Plate with HDMI HDBaseT Extender Receiver	Aten/Extron/Kramer
23	Supply ,installation ,testing and commissioning of 8 Pair Digital Snake Cable	Krystal/Belden/Klotz
24	Supply ,installation ,testing and commissioning of 2-core cable featuring 22 AWG Microphone Cable	Krystal/Belden/Klotz
25	Supply and laying of 2-core speaker cable	Krystal/Belden/Klotz
27	Supply ,installation ,testing and commissioning of slide changer	Logitech/Kensigton/Viboton
29	Supply ,installation ,testing and commissioning of 17U floor-mounted equipment rack	Netrack/ President/Legrand
30	Supply , Installation , testing and commissioning of XLR, Speakon, TRS, Phono, etc various connectors for connectivity	MX/Neutrik / Belden
31	Supplying and fixing of 32mm sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	AKG / Polycab / Finolex
	<p>Note:</p> <ul style="list-style-type: none"> 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 preferred make for the same material in other subhead if no preferred make is mentioned separately. 	

Annexure – XII

Financial Bid

Name of Work: - “Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar.”

NIT No: AIIMS/BBSR/ENGG/ELECT/59/2025

Part A: MS BOARD ROOM					
SL. NO.	Item Technical Specification	Qty	Unit	Rate(Rs)	Amount(Rs)
1	Supply ,installation ,testing and commissioning of 86", 4K Multi touch interactive display	1	Each	332512	332,512.00
2	Supply ,installation ,testing and commissioning of 65" 4K UHD(3840 X 2160) resolution LED display	3	Each	93082	279,246.00
3	Supply ,installation ,testing and commissioning of Hydraulic Popup box	1	Each	23478	23,478.00
4	Supply ,installation ,testing and commissioning of 4 x 4 Port 4K HDMI Matrix Switcher	1	Each	134316	134,316.00
5	Supply ,installation ,testing and commissioning of 20 meter True 4K HDMI Active Optical Cable	1	Each	29199	29,199.00
6	Supply ,installation ,testing and commissioning of 30 meter True 4K HDMI Active Optical Cable	3	Each	31225	93,675.00
7	Supply ,installation ,testing and commissioning of Professional boundary layer microphone	21	Each	35277	740,817.00
8	Supply ,installation ,testing and commissioning of Networked Digital Signal Processor	1	Each	262434	262,434.00
9	Supply ,installation ,testing and commissioning of 8 analog Input Expander	2	Each	93985	187,970.00
10	Supply ,installation ,testing and commissioning of USB Audio to Digital link Interface	1	Each	62033	62,033.00
11	Supply ,installation ,testing and commissioning of Dual Vocal Wireless Microphone System	1	Each	63010	63,010.00
12	Supply ,installation ,testing and commissioning of 16-Channel Mixing Console	1	Each	57367	57,367.00
13	Supply ,installation ,testing and commissioning of Indoor wall mount Speaker	8	Each	23467	187,736.00
14	Supply ,installation ,testing and commissioning of 2 channel 300W per output channel Amplifier	1	Each	236691	236,691.00
15	Supply ,installation ,testing and commissioning of Slide changer	1	Each	4171	4,171.00
16	Supply ,installation ,testing and commissioning of 2 meter High-Speed True 4K HDMI Cable	5	Each	1907	9,535.00
17	Supply ,installation ,testing and commissioning of 2-core cable featuring 22 AWG Microphone Cable	400	Meter	113	45,200.00
18	Supply ,installation ,testing and commissioning of 2-core speaker cable	200	Meter	155	31,000.00
19	Supply ,installation ,testing and commissioning of 17U floor-mounted equipment rack	1	Each	34443	34,443.00
20	Supply , Installation , testing and commissioning of XLR, Speakon, TRS, Phono, etc various connectors for connectivity	35	Sets	787	27,545.00
21	Supplying and fixing of 32mm sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	300	Meter	192	57,600.00
Total Part A:					28,99,978

Part B: Mini Auditorium

1	Supply ,installation ,testing and commissioning of 98" 4K UHD(3840 X 2160) LED display	1	Each	763398	763,398.00
2	Supply ,installation ,testing and commissioning of 65" 4K UHD(3840 X 2160) resolution LED display	2	Each	93082	186,164.00
3	Supply ,installation ,testing and commissioning of 55" 4K UHD(3840 X 2160) resolution LED display	2	Each	73690	147,380.00
4	Supply ,installation ,testing and commissioning of 8 x 8 Port 4K HDMI Matrix Switcher	1	Each	471834	471,834.00
5	Supply ,installation ,testing and commissioning of 20 meter True 4K HDMI Active Optical Cable	2	Each	29199	58,398.00
6	Supply ,installation ,testing and commissioning of 30 meter True 4K HDMI Active Optical Cable	5	Each	31225	156,125.00
7	Supply ,installation ,testing and commissioning of 2-way passive loudspeaker	4	Each	45086	180,344.00
8	Supply ,installation ,testing and commissioning of 15-inch subwoofer	2	Each	69959	139,918.00
9	Supply ,installation ,testing and commissioning of 2x 1000W Amplifier	2	Each	82949	165,898.00
10	Supply ,installation ,testing and commissioning of 10" 2-way, Bi-amped Powered Speaker	1	Each	57445	57,445.00
11	Supply ,installation ,testing and commissioning of Dual Vocal Wireless Microphone	2	Each	63010	126,020.00
12	Supply ,installation ,testing and commissioning of Wireless Headset dynamic cardioid microphone	1	Each	65539	65,539.00
13	Supply ,installation ,testing and commissioning of Wireless Lapel dynamic cardioid microphone	1	Each	65539	65,539.00
14	Supply ,installation ,testing and commissioning of Wired Condenser 18 inch Gooseneck Microphone with base	1	Each	47434	47,434.00
15	Supply ,installation ,testing and commissioning of Digital Podium with Metallic Body, Interactive Touch Monitor	1	Each	394367	394,367.00
16	Supply ,installation ,testing and commissioning of Digital Mixing Console	1	Each	328937	328,937.00
17	Supply ,installation ,testing and commissioning of Loudspeaker Management System	1	Each	47028	47,028.00
18	Supply ,installation ,testing and commissioning of 2-meter High-Speed True 4K HDMI Cable	4	Each	1907	7,628.00
19	Supply ,installation ,testing and commissioning of 5-meter High-Speed True 4K HDMI Cable	2	Each	3409	6,818.00
20	Supply ,installation ,testing and commissioning of HDMI Passive Wall Plate with HDMI HDBaseT Extender Receiver	1	Each	73415	73,415.00
21	Supply ,installation ,testing and commissioning of 8-Channel Junction Box	1	Each	22287	22,287.00
22	Supply ,installation ,testing and commissioning of 8 Pair Digital Snake Cable	30	Meter	381	11,430.00
23	Supply ,installation ,testing and commissioning of Microphone Stand (Large)	4	Nos.	4171	16,684.00
24	Supply ,installation ,testing and commissioning of 2-core cable featuring 22 AWG Microphone Cable	50	Meter	113	5,650.00
25	Supply and laying of 2-core speaker cable	200	Meter	155	31,000.00
26	Supply ,installation ,testing and commissioning of slide changer	1	Each	4171	4,171.00
27	Supply ,installation ,testing and commissioning of 24 Channel Mixer Protective Dust Cover with cover to securely hold it on the mixer.	1	Each	26696	26,696.00

28	Supply ,installation ,testing and commissioning of 17U floor-mounted equipment rack	1	Each	34443	34,443.00
29	Supply & Installation of 6ftx2ft Window in aluminium structure with glass work in place of existing aquatic wall in Mini Auditorium audio visual control room	1	Job	7070	7,070.00
30	Supply , Installation , testing and commissioning of XLR, Speakon, TRS, Phono, etc various connectors for connectivity	40	Sets	787	31,480.00
31	Supplying and fixing of 32mm sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	170	Meter	192	32,640.00
	Total Part B:				37,13,180.00
	Total Part A + Part B: (including GST)				66,13,158.00

(Rupees Sixty-Six Lakh thirteen Thousand one Hundred fifty-Eight only including GST.)

PERFORMA FOR QUOTING RATES

Name of Work:- "Supply, installation, testing, and commissioning of Audio visual system for Mini Auditorium and MS Board room at AIIMS Bhubaneswar."	
e-NIT No: AIIMS/BBSR/ENGG/ELECT/59/2025	
Estimate Cost put to tender :- ₹ 66,13,158 (Rupees Sixty-Six Lakh thirteen Thousand one Hundred fifty-Eight only including GST.)	
Name of Contactor -	
Total Estimated Amount including of GST in Rs.	₹ 66,13,158
Percentage above/below the total estimated cost
% in words
Total Amount (Rs.) including GST

(Rupees _____ only)

Note: -

- 1. 'L-1' shall be decided on composite basis of total amount.**
- MR = To be read as Market Rate.**
- The Bidder must submit Financial Bid in On-Line Mode.
- I/We have gone through the terms & conditions as stipulated in the tender and confirm to accept and abide the same.
- No other charges would be payable by the Institute.
- Quantity mentioned above is tentative, it may increase or decrease as per site requirement.
- Agency has to 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 has to use material of that approved sample only. No claim in this regard shall be entertained.
- In case of non-availability of material of approved make, prior approval from Engineer-In-Charge shall be obtained for another make.
- 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 relevant at all times. 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 and every 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.**