



INDIAN INSTITUTE OF MANAGEMENT RAIPUR

भारतीय प्रबंधन संस्थान रायपुर

Website: www.iimraipur.ac.in

**(Tender Reference NO: IIMR/Placement/Acoustics/AV/07/2024-25 Dated
21/11/2024)**

निविदा संदर्भ सं.: दिनांक 21/11/2024

Name of the work/ कार्य का नाम: “Development of Executive Class Centre For Placement Department including Interior, Acoustics & Audio Visual Works at Third Floor Maina Building (Library Block) of IIM Raipur-493661 (Chhattisgarh).”

Client

CAO /मुख्य प्रशासनिक अधिकारी

INDIAN INSTITUTE OF MANAGEMENT
RAIPUR

Atal Nagar, P. O. –Kurru (Abhanpur), Raipur (C.G.)

Pin Code 493661

Telephone: +91-771-2474600

भारतीय प्रबंधन संस्थान रायपुर

अटल नगर, पी.ओ.-कुरू (अभनपुर), रायपुर (सी.जी.)

पिन कोड -493 661

टेलीफोन: 91-771-2474600

Last date & time of online Submission of Bid:28/11/2024 up to 3.00 PM

जमा करने की अंतिम तिथि: 28/11/2024 अपराह्न 3.00 बजे तक

INDIAN INSTITUTE OF MANAGEMENT RAIPUR
Tender Reference No: IIMR/Placement/Acoustics/AV/07/2024-25 Dated.21.11.2024

NOTICE INVITING TENDER

Sealed bids are invited under Single stage (Two bid system) professional agencies for the work mentioned below:

Name of the work: “Development of Executive Class Centre for Placement Department including Interior, Acoustics & Audio-Visual Works at Third Floor Maina Building (Library Block) of IIM Raipur-493661 (Chhattisgarh).”

Location of site: **IIM Raipur, Atal Nagar, P. O. –Kurru (Abhanpur), Raipur (C.G.)**
Pin Code 493661

Bid Downloading Schedule: Tender documents can be downloaded from the IIM Raipur website www.iimr.ac.in/tender or www.tenderwizard.com/IIMRAIPUR

CRITICAL DATE SHEET

Bid Publishing Date	21/11/2024
Bid Document Download Start Date	21/11/2024 @ 17.30 Hrs
Pre-bid meeting & and site visit	25/11/2024 on 11.00 A.M at IIM Raipur (Atal Nagar, Kurru, Raipur.493661)
Re-Tendering/Corrigendum (If any)	
Online Bid Submission End Date	28/11/2024 up to 3.00 P.M
Online (Pre-qualification) Technical Bid Opening Date	28/11/2024 at 5.00 PM
Online Financial Bid Opening Date	Price Bids of only technically qualified bidders shall be opened later in the presence of authorized representatives of bidders and IIM Raipur Officers.

1. Bid Submission:

The tenderer who has downloaded the tender from the IIM Raipur website www.iimraipur.ac.in/tender or www.tenderwizard.com/IIMRAIPUR **shall not tamper/modify the tender form, including the downloaded price bid template, in any manner.** In case the same is found to be tempered/modified in any manner, the tender will be completely rejected, and the tenderer is liable to be banned from doing business with IIM Raipur.

Intending tenderers are **advised to visit the** IIM Raipur website, www.iimraipur.ac.in, www.eprocure.gov.in (CPP Portal) and e-tender website i.e. www.tenderwizard.com/IIMRAIPUR **regularly till the closing date of submission** of tender for any corrigendum/addendum/ amendment.

The tender shall be submitted as follows:

- Pre-qualification documents
- Price bid as per Price Bid format

The offers submitted by Fax/email shall not be considered. No correspondence will be entertained in this matter.

E-Tendering procedure:

Accessing/ Purchasing of Tender Documents

- a) The complete Tender Document can be viewed /downloaded from the e-Tendering portal i.e. www.tenderwizard.com/IIMRAIPUR free of cost or link on Tender section of IIM Raipur website i.e. www.iimraipur.ac.in or Central Procurement Portal.
- b) It is mandatory for all the bidders to have class-III Digital Signature Certificate from any of the licensed Certifying Agency (Bidders can see the list of licensed Certifying Agencies from the link www.cca.gov.in) to participate in e-Tendering of IIM Raipur.
- c) It is mandatory for the bidders to get their firm/company registered with e-Tendering portal of IIM Raipur, i.e. www.tenderwizard.com/IIMRAIPUR to have user ID & password by submitting a non-refundable annual registration charge of ₹ 1,770/- (inclusive of taxes, levies, etc.) which can be paid online using the e-payment gateway to Central Electronics Limited on the portal address mentioned above. The registration so obtained by the prospective bidder shall be valid for one year from the date of its issue and shall be subsequently renewed.
- d) In addition to this, the Bidder shall submit a non-refundable fee of ₹ 1180/- (Rs. One Thousand One Hundred and Eighty Only) inclusive of all taxes towards e-bid processing fee paid online using the e-payment gateway to CEL Limited on the portal address mentioned above.
- e) Validity of Bidder's Registration on the e-Tendering portal of IIM Raipur may note the following:
 - (i) It shall be the sole responsibility of the bidder(s) to keep the Registration valid up to the original/extended date of submission of bid. Bids can be submitted only during the validity of their registration.
- f) IIM Raipur may issue addendum(s)/corrigendum(s) to the Tender documents. In such case, the addendum(s)/corrigendum(s) shall be issued and placed on website www.tenderwizard.com/IIMRAIPUR at any time before the closing time of tender. The bidders who have downloaded the Tender documents from the website must visit the website and ensure that such addendum(s)/corrigendum(s) (if any) is also downloaded by them. This shall be the responsibility of the prospective registered bidders to check the web site for any such corrigendum /addendum till the time of closing of tender and ensure that bid submitted by them are in accordance with all the corrigendum /addendums.
- g) The Tender documents shall be submitted online on or before 15:00 Hrs. on 28/11/2024 in the prescribed format given on the websites and Pre-qualification (Technical) bids received online shall be opened at 17:00 Hrs. on 28/11/2024. No other mode of Bid submission is acceptable. Detailed credentials as per the requirement of eligibility criteria and all Tender papers are to be submitted online.
- h) Bidders cannot submit the tender after the due date and time of e-bid submission. Time being displayed on e-procurement portal of IIM Raipur ("Standard Time") shall be final and binding on the bidders. E-Bids are required to be submitted by bidders, only as per the Indian Standard Time (IST) and not the time as per their location/country.
- i) The complete application shall be signed by the Authorized Signatory of the bidder & submitted "on-line" and Price Bid Sheets should be filled and submitted "online" only.

The authorized signatory of the bidder must be in possession of Power of Attorney before submitting the digitally signed bid. Scanned copies of various documents can be prepared in different file format (PDF, JPEG). Bidders can upload a single file of size 5 MB only, but they can upload multiple files.

Helpdesk Support:

e-Tendering Registration Queries	Registration Help	080-45811365	twregdelhi@etenderwizard.com
DSC Queries	Help Desk	080-45811365	dscdelhi@etenderwizard.com
For e-Tendering Queries	Ranjit Ranjan	+918839371175	ranjit.k@etenderwizard.com
For Any Queries	Jagdish Rajurkar	+918600004305	jrajurkar@iimraipur.ac.in

Part I: Pre-qualification Bid

The following documents are to be uploaded by the tenderer along with **Pre-Qualification Bid** as per the tender document.

Eligibility conditions:

Sr. No.	Description	Remarks (Documents to be submitted)
1	Work Experience: Experience of having successfully completed similar work during the last 3 years ending previous day of last date of submission of tenders as under: One similar work of value not less than Rs- 50,00,000/- Or <i>Two similar works each of value not less than Rs-25,00,000/-</i> Or <i>Three similar works each value not less than Rs-16,70,000/-</i>	Attach a Copy of the work order/work completion certificate.
2	The average annual turnover of the firm in the last Three consecutive financial years as of 31.03.2023 (For FY 2020-21, 2021-22 and 2022-23) shall be minimum of Rs 01 crore.	Please attach the Chartered Accountant's certificate with a valid UDIN / Audited balance sheet.
3	The bidder must be a profit-making organization in any two years out of the last three consecutive financial years as on 31.03.2023 (For Financial Year 2020-21, 2021-22, 2022-23)	Attached- CA's certificate for Profit (Profit Before Tax) (IIMR may ask for audited P&L account statements also if required).
4	Other documents required to clear PQ criteria. 1. PAN No. 2. GST registration. 3. Registration of CPWD/PWD/Any other 4. Annexure- A 5. Annexure- B 6. Annexure- C 7. Annexure -D	Please attach copies of the following:

Important Note:

- a. Past performance in IIM Raipur: Bidder, whose past performance in jobs carried out in IIMR, is found to be unsatisfactory, will be disqualified technically even though they may meet the other technical/eligibility criteria.
- b. Joint Ventures are not allowed.

Part II: Price Bid

The bidders must submit the price bid only as per the price schedule format/template available on the IIMR e-tendering portal i.e. www.tenderwizard.com/IIMRAIPUR . Any other format for submission of price bid shall be out rightly rejected without any further reference to the bidders.

In case the price bid is found to be tempered/modified in any manner, the tender will be completely rejected, and the bidder is liable to be banned from doing business with IIM Raipur.

Do not quote/ upload the price in the Pre-Qualification, Technical bid, or elsewhere it would lead to your bid getting disqualified without any further reference to the bidders.

The prices must include all the applicable taxes and duties, fees, wastages of materials, transportation of materials electricity charges, etc. to the IIM Raipur Campus at Raipur, Chhattisgarh.

IIM Raipur reserves the right to negotiate the quoted price with the successful bidder.

The quoted rates shall remain firm throughout the tenure of the contract, and no revision is permissible for any reason.

Sealed tenders are invited through online mode of bid submission from bonafide, experienced & reputed contractors of financial standing for the job given below:		
Clause No	Title	Description
101	Name of the work	Development of Executive Class Centre for Placement Department including Interior, Acoustics & Audio-Visual Works at Third Floor Maina Building (Library Block) of IIM Raipur-493661 (Chhattisgarh).
102	Tender no.	IIMR/Placement/Acoustics/AV/07/2024-25 Dated 21/11/2024
103	Details of bidder	Annexure- A is to be filled, duly signed, stamped, and submitted along with the tender.
104	Tender submission cost	Rs.3540/- (Inclusive of GST)
105	Earnest Money Deposit (EMD)	Rs.1,20,000/-
106	Contract Period	21 days from the date of award of contract.
107	Liquidated Damage	Failure to complete the work in time, the agency is liable to be banned from doing business with IIMR.
108	Initial Security Deposit (ISD)	Initial security deposit (ISD) @ 6% of the Contract Value to be paid on the award of the contract but before the commencement of work/services. ISD amount is to be paid by Demand draft in Favor of IIM Raipur or NEFT. In case of EMD exemption for MSME/ NSIC, ISD amount @ 6 % of the contract value is to be paid on the award of the contract but before the commencement of work/services.

		If the contractor fails to submit ISD, it will be deducted from the contractor's running /final account bill. Interest will not be applicable to the ISD amount.
109	Initial Security Deposit (ISD)	Applicable
110	Interest in Security Deposit	No interest will be paid on any deposit
111	Initial Security Deposit (ISD)	ISD amount will be released after the satisfactory completion of the Work/contract. interest will not apply to the ISD amount
112	Conditional Bids	Conditional bids or Bids based on the process / basic schemes other than those mentioned and/or not conforming to the technical specifications/requirements of the Bidding documents will not be considered.
113	Contract Agreement	Contract agreement to be executed on Rs-100 stamp paper after the issuance of the work order from IIM Raipur.
114	Insurance	The bidders have to take responsibility for their manpower, material, and workmen. For any incidental loss, IIM Raipur will not be held responsible. The successful bidder must indemnify IIM Raipur for any consequential loss arising from the negligent act.
115	Work and risk cost	IIM Raipur reserves the right to get the whole or part of the work executed by some other agency at the risk and cost of the contractor, if it is found that the quality and/or the progress in respect of the whole or part of the work is not satisfactory
116	Compliance with owners' rules and regulations	The contractor shall comply with all norms stipulated by the Owner, such as Gate Passes, Checking, Maintenance of Cleanliness, Discipline & Decency at and around the work site, Safety Precautions, and Safety Regulations.
117	Arbitration	If any dispute, difference, controversies or claims of any kind whatsoever shall arise between IIM Raipur and the successful bidder, they shall seek to resolve any such dispute or difference by amicable mutual consultation and deliberation in good faith within 21 days from the date of intimation of such dispute, difference, controversies or claims by referring it to the Director of IIM Raipur by the successful bidder. If IIM Raipur and the successful bidder fail to resolve such dispute or difference, controversy, or claim by mutual consultation, then either Party may give the other, a formal notice in writing that the dispute, difference, controversy, or claim exists, specifying its nature, the point(s) in issue and its intention to refer such disputes, differences, controversies, or claims to arbitration under the Arbitration and Conciliation Act,

		1996. The sole arbitrator shall be appointed by Director IIM Raipur, having the requisite technical expertise to adjudicate such nature of disputes. The decision of the sole arbitrator shall be binding on both parties. Arbitration shall be held in Raipur, (Chhattisgarh) India, and the arbitration proceedings shall be conducted in English. The arbitrator will be requested to give their award in 60 days' time. The award shall be a reasoned award, which shall be final and binding on the Parties. The award shall be entered in the courts at Raipur, and such courts may order enforcement of the award against the Parties and their respective successors and permitted assignees. The costs and expenses of the arbitration shall be borne equally by both parties. The courts in Raipur shall have exclusive jurisdiction.
118	Safety and Security	The contractor shall abide by the safety code provisions as per the safety code framed from time to time by the government.
119	Prices, Taxes & Duties	The Bidder should quote firm prices/ rates inclusive of all material wastages, Transportation & Taxes like Duties, Levies, Personal Tax, Corporate Tax, worker welfare cess, etc. All other expenditures required to be incurred by him/her for providing required electrification work, etc., during the contract period as indicated under his contract, and afterward, no variation on any account unless otherwise specifically mentioned will be allowed. (The contractor will indemnify IIM Raipur against violation of all statutory liabilities, present and future, arising out of this contract.)
120	Bid Validity	The bid submitted by the bidder shall remain valid for a period of ONE Months from the date of opening of the Price Bid. Bidder shall not be entitled during this period to revoke or vary the content of Bid or any term thereof. In such case of making any variation after submission of the bid on their own, the offer shall be treated as "REJECTED."
121	Award of similar types of work at the same rates	Upon mutual consent, the client may award another similar type of work on campus based on this rate to the contractor, for which the rates may be valid up to One year from the date of issue of Work Order.
122	Access to site	The Contractor shall allow unhindered access to IIM Raipur and/or any other party or person, engaged by the IIM Raipur to work at the same site and/or to check/ regulate / watch /guard/ measure/inspect, solely or jointly with the Contractor.
123	Rejection of bid(s)	IIM Raipur reserves the right to, at any time and at its absolute discretion, the following

		i) Accept or reject any or all bids ii) To permit any related documents by the bidder for the clarification of IIM Raipur. iii) To negotiate the price with L-1 Bidder. iv) To suspend, discontinue, modify, and/or terminate the Tendering process at any time without assigning any reason whatsoever.
124	Quantum of work	This contract is basically an item rate contract. The quantities/Area given in the “BILL OF QUANTITIES” (Part-2, Price Bid) are approximate only and may vary in the actual course of execution, final bill will be based on actual measurement as completion of work. The Contractor is, therefore, advised to quote very carefully. No claim for compensation from the Contractor shall be entertained in variation to price bid (irrespective of the quantum of variation) OR deletion of any item. The rates fixed for a particular year shall remain the same throughout the year.
125	Assignment and sub-contracting	The Contractor shall not assign, sub-contract, or sub-let the whole or any part of the contract in any manner. In case of unavoidable circumstances, the contractor shall be able to do it with the approval of the owner of premises. However, the job shall be sublet only to the party approved by the owner.
126	Misconduct	The Contractor shall keep the Owner indemnified from and against all personal and third-party claims whatsoever arising out of any commission or omission by Contractor or his employees, or representatives as the case may be.
127	Inspection and testing by IIM Raipur	The Owner shall be entitled to inspect and / or test by itself or through any of its representative or an independent agency.
128	Interpretation	The Special conditions of Contract if any will be read in conjecture with all other documents forming part of this contract. Notwithstanding the sub-divisions of the documents into these separate sections, every part of each shall be deemed to be supplementary to and complimentary of every part and shall be read with and into the contract.
129	Payment of Bills	Payments will be made by crossed account payee cheques only OR e - payment.
130	Advance against material on site	Applicable
131	Payment Terms	Payment will be made based on the certification of the engineer in charge of IIM Raipur on running abstract basis of the work. Payments will be made within 07 days of submission of the bills provided the bills are complete and duly authenticated by the specified

		Officer(s) of IIM Raipur after completion of the work in all respects and a successful report received from the concerned Officer.
132	Escalation / De-escalation of rates	Prices/Rates quoted will be firm during the entire duration of the contract.
133	Basic Rates	The basic rates mentioned (if any) in the tender are FOR IIM Raipur Campus. The difference will be paid OR deducted for the payment to the contractor upon submission of documentary proof if otherwise.
134	Non-tender items/ Extra Items	In case of items that the contractor has to execute that are not covered in the tender, the rates shall be paid based on rate analysis duly certified by an engineer in charge, and the profit margin would be 15% inclusive of all taxes EXCEPT GST as applicable.
135	Bid format	The bid shall be submitted in online mode only in order as follows.
135.1	Sealed Envelope - 1	Legible copies of documents mentioned duly self-attested by the bidder and are to be uploaded against the tender through e-tender website with the Pre-Qualification BID documents.
135.2		Tender documents, as downloaded from the IIM Raipur website or e-Tender website, are to be uploaded and must be stamped with the bidder's seal and signature.
135.3	Sealed Envelope - 2	Price bid documents issued and downloaded from IIM Raipur e-tender website i.e. www.tenderwizard.com/IIMRAIPUR to be filled and uploaded through the link provided against the tender.
136	Force Majeure	If the whole or any part of the performance by the Parties of any part of their respective obligations hereunder is prevented or delayed by causes, circumstances, or events beyond the control of the Parties, including delays due to floods, fires, accidents, earthquakes, riots, explosions, wars, hostilities, acts of government, custom barriers, or other causes of like character beyond the control of the Parties, then to the extent the Parties shall be prevented or delayed from performing all or any part of its obligations hereunder by reason thereof despite due diligence and reasonable efforts to do so notwithstanding such causes, circumstances or events, the Parties shall be excused from performance hereunder for so long as such causes, circumstances or events shall continue to prevent or delay such performance.
137	Taxes, Labour laws, and Other Regulations	The Contractor will be exclusively responsible to meet and comply with all legal requirements related to the work.

		<p>The Contractor shall accept and bear full and exclusive liability for the payment of any and all existing taxes of the Central or State Government or of any other authority with respect to the contract or any item sold or supplied pursuant thereto or anything done or service rendered pursuant thereto.</p> <p>Any legal matter or issues and all court matters that arise for this contract are subjected to Raipur court jurisdictions only.</p>
138	Precedence Clause:	In the case of any ambiguity in interpretation, the Price bid will supersede the Technical Qualification bid and decision by Manager (A&F), IIM Raipur, on the interpretation of the entire contract terms and conditions, will be final and binding to all.
139	Mathematical error	The total quoted amount will be declared during the opening of price bids. However, during calculation verification, if there is any error found in the total amount, the agency will be called for clarification. The rates quoted by the agency will be considered firm, and hence, the amount will be worked out by multiplying the rate with quantity. The rate will not be allowed to be changed in any case. However, a decision by the Manager (A&F), IIM Raipur, on the interpretation of the entire contract terms and conditions will be final and binding to all.
140	Penalty Clause	Contractor has to complete the entire work as per given specifications and stipulated time periods (21 Days) if failed then liquidated damage shall be applicable @ 0.5% per week maximum up to 10% of contract value.

141. Scope of Work

141. 1. Work Execution:

The work shall be executed in accordance with the BOQ and the detail specifications as laid down by the Architectural Consultant/Acoustic & AV Consultants appointed by the IIM Raipur.

141.2 Layout Plan:

The Contractor shall prepare and provide all GFC drawings including Architectural, structural, electrical, 3D, layout plan/Floor plan, elevations, sections, etc if any as per the site condition and obtain approval from the engineer in charge of IIM Raipur before commencement of the work at site.

The schematic images and the 3D views of the Executive Class Centre are already provided in the tender documents.

The Design Base Report is also attached to understand and execution of the Acoustics and Audio-Visual Works. (Annexure-F)

The contractor shall prepare all detailed design and drawings as per the schematic images shown in the tender document if required for smooth execution of the work.

141.3. Installation: All work, including shop drawing, GFC Drawing, 3D drawing, and layout plan approval, must be completed within 07 days from the date of the work order. The Contractor shall ensure safe installation, bearing exclusive responsibility. Failure to complete the work within the stipulated time may result in penalties as per standard norms.

141.4. Sample Approval: The Supplier shall obtain sample approval of Acoustic Works, Audio Visual Equipment's, and any other interior works as well as other items if any before execution.

141.5. Layout Plan Changes: Changes to the layout plan may be made with mutual consent if deemed necessary by the concerned committee at the time of approval.

141.6. Design Changes: If the Acoustic designs/Audio-Visual Equipment's and Interior Designs does not meet layout specifications during sample checking, necessary changes may be made with mutual consent.

141.7. Acoustic, Audio-Visual & Interior Works:

All Acoustic, Audio-Visual & Interior Works, related cabling works including electrical, AV Works required for Development of Executive Class Centre For Placement Department including design part of the same, etc wherever applicable are within the scope of the Contractor.

141.8. Statutory Compliance: The contractor shall be responsible for all statutory compliances and deductions towards ESI (Employee State Insurance), EPF (Employees' Provident Fund), or any other applicable levies and taxes.

141.9. Payment Terms: The quoted rate shall include GST, labour cess, and all applicable taxes, with payment based on actual site measurements.

141.10. Site Familiarization: The Tenderer shall familiarize themselves with the site locations, carefully check the specifications, and ensure that the materials/items offered comply with IIM Raipur's requirements and specifications laid down in the tender document or as directed by the Engineer-in-Charge.

141.11. Labor Accommodation:

The contractor(s) shall arrange appropriate accommodation at their own cost for their employed labourers. The accommodation should include proper doors, windows, ventilation, water supply, drainage, and sanitary installations.

- 141.12. **Inspection:** The Engineer in charge of IIM Raipur or their representative shall inspect/test materials at the site after delivery, before their use in the work. They shall have free and full access at any time during the execution of the contract to inspect the contractor's works or site. The Engineer in charge may require inspection of work, materials, or any part thereof at specified locations.

142. Special terms and conditions of the Contract

142.1. Warranty / Guarantee

The Supplier shall provide a 03-year comprehensive on-site warranty starting from the date of satisfactory installation or commissioning of goods, covering defects in manufacturing, workmanship, or poor quality of components. No offer from the Supplier will be accepted without a warranty or guarantee.

- 142.2. Intending tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders to the nature of the site / location before submitting bid. The nature of the site / location, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstance which may influence or effect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of tender by a tenderer implies that he has read this notice, and all other contract documents has made himself aware of the scope and specifications of the work to be done.

- 142.3 The IIMR will not provide any residential space for accommodation to the Agency. The agency has to make its own arrangement for the residential accommodation to the deployed staff.

- 142.4 The IIMR is not bound to award contract at the lowest price received in the Tender and reserves the right to decide on fair and reasonable price of the services tendered for any counter offer the same to the bidders. All other terms and conditions of the tender shall remain operative even if a counteroffer rate is offered to the bidders. IIMR reserves the right to negotiate with first lowest bidder to arrive at the fair and reasonable price. In case of first lowest is more than one, then it would be at the discretion of the IIMR.

- 142.5. Sub-Contracting: The contractor shall not assign, sub-contract or sub-let the whole or any part of the contract in any manner. In case of an unavoidable circumstance, the contractor shall be able to do it with the approval of the Institute. However, the job shall be sublet only to the party approved by the Institute.

- 142.6 The contractor and his employees shall comply with all norms stipulated by the Institute such as Gate Passes, Checking, Maintenance of Cleanliness, Discipline & Decency at and around the work site, Safety Precautions and Safety Regulations.
- 142.7 The persons employed by the contractor will be the employees of the contractor and the IIMR shall have nothing to do with their employment or non-employment. Under no circumstances any liability in respect of matters connected with their employment shall be held against the IIMR and the personnel employed by the contractor shall have no right whatsoever to claim employment or other rights from the IIMR.
- 142.8 There should be no case pending with the police against the Proprietor/Firm/Partner or the Company (Agency) and the firm should not be blacklisted. An undertaking to this effect on firm letterhead should be attached.
- 142.9 None of the employees of the contractor shall enter into any kind of private work within the campus of the IIMR. Non-compliance with this provision will be deemed To be violative of the contract inviting penal action/cancellation of contract.
- 142.10 The contractor shall ensure that the personnel deployed by it are disciplined and do not participate in any activity prejudicial to the interest of the IIMR / Govt. of India / any State or any Union Territory.
- 142.11 The staff (not below the age of 18 years) employed by the contractor shall have to be medically fit and kept neat and clean. The contractor shall not employ young children as prohibited under the law/rules/regulations. A record of this will be maintained by the Contractor.
- 142.12 **Interpretation:** All the terms and conditions of the contract shall be read in conjunction with all other documents forming part of this contract. Notwithstanding the subdivisions of the documents into these separate sections, every part of which shall be deemed to be supplementary to and complementary to every part and shall be read with and into the contract.
- 142.13 In case the tenderer withdraws, modifies or changes his offer during the validity period, bid is liable to be rejected, and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.
- 142.14 Anyone or more the following action / commission / omission are likely to cause summary rejection of tender: Any BID/EMD received late without conclusive proof that it was delivered before the specified closing time. Any conditional bid or bid offering a rebate. Any bid in which rates have not been quoted in accordance with specified formats / details as specified in the Bid Documents. Any effort by a bidder to influence the IIMR in the bid evaluation, bid comparison or contract award decision.
- 142.15 Authority of person signing document: A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warranty, that he has authority to bind such other and if, on enquiry, it appears that the person so, signing had no authority to do so, IIMR may without prejudice to other civil and criminal remedies cancel contract and held the signatory liable for all cost

and damages.

142.16 **Access to SITE:** The contractor shall allow unhindered access to the Institute and/or any other party or person engaged by the Institute to work at the same site and/or to check/regulate/watch/guard/measure/inspect, solely or jointly with the contractor.

142.17 **Safety and Security:** Contractor shall abide by the safety code provisions as per safety code framed from time to time by the government.

142.18 **Work at Risk and Cost:** The institute reserves the right to get the whole or part of the work executed by some other agency at the risk and cost of the contractor if it is found that the quality and/or the progress in respect of whole or part of the work is not satisfactory.

142.19 **Other Important Conditions: -**

- a. The bidder must upload the relevant & readable files only as indicated in the tender documents. In case of any irrelevant or non-readable files, the bid may be rejected.
- b. IIM Raipur reserves the right to accept or reject any or all the tenders in part or in full or may cancel the tender, without assigning any reason thereof.
- c. IIM Raipur reserves the right to relax / amend / withdraw any of the terms and conditions contained in the Tender Document without assigning any reason thereof. Any inquiry after submission of the quotation will not be entertained.
- d. IIM Raipur reserves the right to modify/change/delete/add any further terms and conditions prior to issue of purchase order.
- e. IIM Raipur reserves the right to place repeat orders up to 100% of the quantities within a period of 12 months from the date of successful completion of purchase order at the same rates and terms & conditions of work order/purchase order.
- f. In case the bidders/successful bidder(s) are found in breach of any condition(s) at any stage of the tender, Earnest Money/Performance Security shall be forfeited.
- g. Conditional tenders will not be considered in any case.
- h. In case of doubt in material, the expenditure on testing of equipment will be borne by the tenderer.
- i. IIM Raipur shall not be responsible for any postal delay, non-receipt or non-delivery of the EMD & Tender Fee.
- j. IIM Raipur may issue corrigendum to tender documents before the due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, issued by IIM Raipur. The bidder is not supposed to modify the tender document.

ANNEXURE A

PARTICULARS OF BIDDER

SR.NO	DESCRIPTION	
I	Name of the bidder	
A	Trade Name (in Block letters)	
B	Status of the Bidder (Proprietorship/Partnership/LLP/Limited Co.) In Block letters)	
C	Name of Proprietor/Partners/CEO/Directors (In Block letters)	

2	Postal Address	
3	Telephone No.	
4	E-mail / Website address (if available)	
5	Name of the Banker, Branch Name & address (In Block letters) (For e-payment purpose)	
A	Account no	
B	IFSC code	
6	PAN (upload self-attested photocopy)	
7	GSTIN (GST Registration No.) (Upload self-attested photocopy)	

I/We hereby declare and affirm that I/we have read and understood the terms and conditions of this tender/quotation/NIT as stipulated in the tender notice No IIMR/Placement/Acoustics/AV/07/2024-25 Dated 21/11/2024). Accordingly, I/ we accept the terms and conditions and hereby offer the rates for “as per Price Bid”.

Date _____

Signature _____

Official seal of bidder _____

ANNEXURE B

FORMAT OF BID SECURITY DECLARATION FROM BIDDERS IN LIEU OF EMD

(On Bidder’s Letter head)

I / We, the authorized signatory of M/s, _____
participating in tender No. IIMR/Placement/Acoustics/AV/07/2024-25 Dated
21/11/2024. for **“Development of Executive Class Centre for Placement
Department including Interior, Acoustics & Audio-Visual Works at Third**

Floor Maina Building (Library Block) of IIM Raipur-493661 (Chhattisgarh).”do hereby declare:

- (i) That I/we have availed the benefit of waiver of EMD while submitting our offer against the subject Tender, and no EMD is being deposited for the said tender.
- (ii) That in the event we withdraw/modify our bid during the period of bid validity, or I/we fail to execute a formal contract agreement within the given timeline, or I/we fail to submit a Performance Security within the given timeline, or I/we commit any breach of Tender Conditions / Contract which attracts penal action of forfeiture of EMD.

Then, I/we will be suspended from being eligible for bidding/award of all future contract(s) of the Indian Institute of Management Raipur for a period of one year from the date of committing such breach.

Signature of Authorized Signatory of bidder

Name of Authorized Signatory

Company Name

Turnover Certificate and profit -Loss certificate (CA Certificate)

ANNEXURE-C

The average annual turnover of the firm in the last Three consecutive financial years as of 31-03-2023

Sr.no	Financial Year	Annual turnover in INR	Profit -Loss In INR
1	2020-21		
2	2021-22		
3	2022-23		

ANNEXURE-D
List of Work orders and Work Completion Certificates

Sr. No.	Department Name	Name of Work /Description	Contract Value (Rs.)	Contract Start Date	Contract Completion Date	Value of work done (Rs)	Work order attached YES or NO	Completion Certificate attached YES or NO
1								
2								
3								

SIGNATURE OF BIDDER: _____

NAME OF COMPANY/ BIDDER: _____

COMPANY SEAL

FORMAT OF PRICE BID	
Tender No. IIMR/Placement/Acoustics/AV/07/2024-25 Dated 21/11/2024.	
Name of the Work: - Development of Executive Class Centre for Placement Department including Interior, Acoustics & Audio-Visual Works at Third Floor Maina Building (Library Block) Of IIM Raipur-493661 (Chhattisgarh).	
FINANCIAL BID	
Name of the Firm	
Address of the Firm	
Phone/Mobile no.	
E-Mail ID	

Bill of Quantity (BOQ):**Bill of Quantities of Acoustics & Interior Works (Part A):**

Sr. No	Description	Quantity	Unit	Rate	Amount
1	Providing & fixing Acoustical Ceiling having high NRC Greater than equal to 0.95, Fire Rating A1 (EN 13501-1), RH 95% (No visible deflection in high humidity), Light Reflection 83%, Sag Resistant 15mm thick Ceiling Tiles of size 600 mm x600 mm E-Edge with Anti- Bacterial Properties & M1 Class Emission Certification made up with Natural Stone (Basalt Rock/ Glass wool core). The Visible side is a smooth white painted fleece, the Rear side: back fleece with complete factory finish Painted edges. All the products should meet global CE requirements as per EN 13496: 2014.T. Tiles to be installed in existing grid as per manufacturers recommendations and as directed by site in charge. Make: Rockfon/Ecophon/Versatile Acoustic as per approved sample.	190.00	Sqm		
2	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm Dia x 50mm long with 6mm Dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm Dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of raw plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering				

	up to 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with:				
	12.5 mm thick tapered edge Glass Reinforced Gypsum (GRG) board conforming to IS: 2095- (Part 3):1996 (Boards with BIS certification marks)	20.00	Sqm		
3	Providing and fixing of the floor Dais of 150mm height out of 2 nos staggered layers of 12mm ply over the Sal wood framework. The Floor battens to be supported over the Neoprene pads with angle cleats and anchor fasteners. The Frame to be filled with 25mm 1000GSM non-woven thermal bonded polyester wadding.	30.00	Sqm		
4	Providing woodwork out of Sal Wood in frames fixed in position with necessary stainless-steel screws etc.	0.15	Cum		

5	Providing and fixing GI Gyp steel ultra framework for wall panelling as per design drawing consisting of floor channel of size 50x32x32 x 0.5mm thick at bottom and top fixed with 35 mm nylon sleeves and 35 mm screw. Further fixing GI stud 48x34x36x0.5 mm thick @600mm C/C vertically. The framework to be filled with 50mm 1200GSM non-woven thermal bonded polyester wadding (Make Nowofill / Versatile acoustic / Gyptech) held in position with 18 mm GI chicken mesh of 24 SWG with drive all screws and oversize washers. Finally fixing over it horizontally GI stud 48x34x36x0.5 GI stud @600mm C/C or wherever required as per design drawings. The frame to be fixed to the walls by means of angle holdfasts of suitable length out of 35x35x4mm MS angle duly given red oxide and paint complete with expandable anchor fasteners of 65x10mm Dia fixed on each vertical member @1200mm C/C. The work shall be executed as per drawings, specifications & instructions of engineer in charge.	150.00	Sqm		
6	Providing and fixing IS303 ply of required thickness for wall lining with necessary screw, complete as per drawing and direction of Engineer-in-Charge. Recommended Make: Duro, Century, Merino, Green. The ply to be fixed to the existing GI frameworks (Frameworks to be paid separately in item no 8) at all heights. 8 mm thick ply. The work shall be executed as per drawings, specifications & instructions of engineer in charge.	150.00	Sqm		
7	Providing and fixing of the Perforations in the ply up to 18-22% as per design drawings complete as required.	150.00	Sqm		
8	Providing & fixing of the Acoustical panels of 9mm thickness with square or bevelled edge manufactured from 100% Polyethylene Terephthalate (PET) having density of >100 (the panel shall have 60% recycled content) , Kgs/m3, Manufactured panels should be fire resistant as per B1 Class A (make Nowofill/ Gyptech / Versatile acoustic). The panel to be glued over 8MM THK perforated FR ply. fixed over GI framework (IS303 ply & GI framework paid separately in). The panels in different colours to be cut with laser cutter for smooth & perfect edging in shape as per the design drawings. The panels to be further glued to the ply with SH/SR adhesive (Fevicol / Araldite / Vamicol). The work to be done complete as per the design & instructions of engineer in charge including accessories as required.	60.00	Sqm		

9	Extra for printing over the panel as per the design selected/ quotes of the CEO of the corporate sector	45.00	Sqm		
10	Reinstallation of the Wood wool tiles of the ceiling with spray painting in desired shade as per the architect.	30.00	Sqm		
11	Providing & fixing at all heights on walls Wood based slats laminated panels (Armstrong / Versatile acoustic/ Gyptech) Slats made out of HDHMR board Pre-laminated finish, perforated wooden grooved slats (2mm Slats @15mm pitch) / (2mm grooves @ 30mm centres) backline with black acoustical fleece having NRC value not less than 0.70, tongue-groove edge for a seamless look, FR grade, of lineal dimension size 128mm x 2440mm x 16mm thick having density more than 850 Kg /m3, weight 12.8Kgs/m2 installed by using GI strut system. Aluminium core cross channel having thickness 0.70mm, length 3000 mm, web 15 mm and 25 mm, depth 19 mm and flanges of 7 mm Both Side is then fixed perpendicular to the GI Stud with the help of Metal Screw at every 600mm C/C. Then wooden slats are tongue and grooved with the help of special design Z clip as per Drawing and Design. Contractor to Provide expansion joints of 3 mm at every 5 m both ways. (The GI framework to be payable in item no 8). The work to be done complete a per specifications & instructions of engineer in charge.	25.00	Sqm		
12	Providing and fixing of the Skirting/ border out of 18mm Ply with laminate of 1mm thickness and edge bending tapes on the exposed surfaces	140.00	Rmt.		
13	Supply & installation of 100% commercial grade nylon carpet tile of 500x500mm of solution dyed nylon 6.6 (Invista Antron Lumena) quality or equivalent, manufactured in Japan (No Chinese product acceptable), Machine Gauge 1/10" or more, backing of glass fibre+ PVC and made of basic fabric of Nonwoven Polyester and having properties of Super Soil Guard (SSG) or more, total height of 7 mm or more, smoke density(ASTM E 662) less than 450, anti-static less than 1.0kv (JIS-L4406 STROLL 23 C. degree 25%R.H.), electrostatic propensity – maximum average 0.5kv (AATCC 134) Colour fastness to light- rating 5.0= No change (AATCC 16) critical radiant flux–(ASTM E 648) Class 1 average CRF 0.48 / cm2 or higher certified It is mandatory that the manufacturer has valid certifications of CRI PLUS certified, GLP 8200, certified from Singapore Green Building Council, certified of Japanese industrial standard (JIS) Mark	190.00	Sqm		

14	<p>Supplying and fixing of Roller Blinds to the following specifications: HARDWARE & MECHANISM: Top Tube: Made of extruded aluminium 38mm dia. with wall thickness of 1.2mm with spline adoptable to accommodate clutch as manufacturer's approved make. Clutch Mechanism: Moulded plastic having antifriction additive with high strength Glass fibre reinforcement polyester and should have a minimum lifting capacity of 8 lbs. Clutch mechanism shall be crash proof, prevent slippage and shall raise and lower smoothly to any desired height. Locking Member: #12 steel stop locks for limit setting adoptable to the steel chain or as per manufacturer's standard. Bottom Bar /Weight: Aluminium extruded circular section with powder coated finish matching the roller fabric -Min weight to be 365 gms / Rmt for a perfect fall of fabric to avoid warpage / floating. Installation to be insert type with end caps to give a neat look. SPRING BOOSTERS: All blinds above 2.4mtr width or 2.8mtr height and for total weight exceeding 4.0 kgs shall be provided with spring boosters as per manufacturers standard. Fabric shade: as approved Fabric Composition: 30% Polyester, 70% Vinyl on Polyester</p> <p>Openness factor/ Light transmission: 3% Thickness ISO 2286: 0.55- 0.65 mm \pm 5% Weight/m² ISO 2286 : 460gms/m² \pm 5% Width : 250 cm-310 cm as per manufacturer standard</p> <p>Mechanical Resistance:</p> <p>BreakingISO 1421 : Warp > 35 daN/5 cm Weft >120 daN/5 cm</p> <p>FoldingISO 1421 : Warp \geq 30 daN/5 cm Weft \geq 100 daN/5 cm</p> <p>Colour fastness to Light.....ISO 105 B02 : 7/8 Shade Orientation: Regular roll, shade cloth falls at window side of roller. Configuration: Single band 75mm closure with up-stand along the length of the dry pocket, removable type for servicing shades as per manufacturer specification. Makes: Hunter Douglas, MAC , Vista.</p>	10.00	Sqm		
15.	Wiring for circuit / submina wiring along with earth wire with the following sizes of FRLS PVC insulated Copper conductor , Single core Cable in surface / recessed medium class PV Conduit required				
15.1	2 X 1.5 Sq mm + 1 X 1.5 Sq mm earth wire	150.00	Mtr		
15.2	2 X 4 Sq mm + 1 X 4 sq mm earth wire	100.00	Mtr		

16.	Supplying and fixing of following modular switch/ socket on the existing modular plate & switch box including connection but excluding modular plate etc				
16.1	5/6-amps one way switch	50.00	Each		
16.2	15/16-amp switch	50.00	Each		
16.3	6 pin 20 amp socket outlet	30.00	Each		
17	Wiring in group control (Looped) light point /fan point without independent switch with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable surface / recessed Steel/ pvc conduit and earthing the point with 1.5 sq mm FRLS PVC insulated copper conductor single core cable etc. as required	16.00	Each		
17.1	Group A	8.00	Point		
17.2	Group C	10.00	Point		
	TOTAL				
	GST PAYABLE EXTRA@				

Bill of Quantities of Audio-Visual Equipment's/Systems (Part B):

Sr. No.	Function	Tender Specifications	Approved Makes	Total Quantity	Unit	Rate	Amount
AUDIO SYSTEM							
1	Ceiling Loudspeakers for Hall	Supply, Installation, Testing & Commissioning of 2-way, Ceiling-mount loudspeaker. Frequency range - 65 Hz to 20 kHz or better, Rated RMS Power - 30 Watts or better, Sensitivity- 87 dB SPL or better, Coverage Angle-107° conical or better, Maximum SPL Continuous/Peak-104dB/110dB or better, Rated Impedance - 8 Ohms. Transformer Tapping - 70V/100V (30, 15, 7.5watts) or better. Transducer - LF - 6-inch or better, HF- .86-inch or better	QSC/Bose/Martin Audio	16	Nos		

		coaxially mounted with LF, Material - Painted ABS polymer Baffle and Power coated steel grille or better. Safety rating - UL1480, UL2043. Mounting rails and C-Ring for ceiling tile included.					
2	Wall mount Speakers for Dais	Supply, Installation, Testing & Commissioning of 6.5-inch, 2-way, wall-mount loudspeaker. LF Transducer - 6.5-inch woofer with 1-inch voice coil or better, HF Transducer-1-inch tweeter and 1-inch voice coil or better. Rated impedance- 8Ω, Transformer Taps- 70V/100V:30/15/7.5 Watts, Frequency Range-60Hz – 20kHz or better, Rated RMS power-30 watts or better, Sensitivity-86 dB SPL or better, Coverage- 130° conical (500 Hz to 5 kHz) or better, Maximum continuous SPL-101 dB or better, Maximum peak SPL- 107 dB or better, Grille - Powder coated steel or similar, Enclosure - UV treated, high impact ABS polymer or similar, Mounting Brackets Included.	QSC/Bose/Martin Audio	2	Nos		
3	Amplifier for Ceiling Loudspeakers	Supply, Installation, Testing & Commissioning of Quad Channel Class-D amplifier. Per Channel Power 60W @8Ω/4Ω or better. Support for 70V/100V or more. Power Sharing or Bridge/Parallel modes for better power distribution. Frequency Response- 20 Hz – 20 kHz or better. Signal to Noise ratio -> 103 dB or better, Input impedance - >10k, balanced or unbalanced or better, Front and Rear panel indicators for Power, signal (per channel), limit / mute / protect etc. or better. Better to have Remote standby and Power saving features - Auto-standby.	QSC/Bose/Martin Audio	2	Nos		

4	Amplifier for wall Speakers	Supply, Installation, Testing & Commissioning of Dual Channel Class-D amplifier. Per Channel Power 60W @8Ω/4Ω or better. Support for 70V/100V or more. Power Sharing or Bridge/Parallel modes for better power distribution. Frequency Response- 20 Hz – 20 kHz or better. Signal to Noise ratio -> 103 dB or better, Input impedance - >10k, balanced or unbalanced or better, Front and Rear panel indicators for Power, signal (per channel), limit / mute / protect etc. or better. Better to have Remote standby and Power saving features - Auto-standby.	QSC/Bose/Martin Audio	1	Nos		
5	Digital Signal Processor	Supply, Installation, Testing & Commissioning of Digital Signal Processor with 14 Mic/Line inputs and 10 Line outputs. Minimum 14 assignable & routable AEC channels. Minimum 8x8 Dante channels and supports up to 128x128 Network audio channels via Dante/AES67 or similar. POTS and SIP Softphone integration for Audio conferencing and configurable 16x16 USB Audio channels. The processor shall support third party device control via Ethernet, RS232.	QSC/Biamp /Symetrix	1	Nos		
6	Lavalier Microphone	Supply, Installation, Testing & Commissioning of Dual Channel Class-D amplifier. Per Channel Power 60W @8Ω/4Ω or better. Support for 70V/100V or more. Power Sharing or Bridge/Parallel modes for better power distribution. Frequency Response- 20 Hz – 20 kHz or better. Signal to Noise ratio -> 103 dB or better, Input impedance - >10k, balanced or unbalanced or better, Front and Rear panel indicators for Power, signal (per channel), limit / mute / protect etc. or better. Better to have Remote standby and Power saving features - Auto-standby.	Sennhesier/ Shure/ Earthworks	1	Nos		

7	Wireless Handheld Microphone	Supply, Installation, Testing & Commissioning of Digital Wireless handheld microphone with cardioid polarity pattern, Frequency range: 471 - 797 MHz or better, THD total harmonic distortion \leq -60 db for 1kHz @ -3 dBfs input level or better; Switching bandwidth up to 56 MHz or better; up to 2240 selectable Frequencies for allow fine tuning, equidistant tuning grid of 600kHz to enable up to 90 simultaneous channels. Sensitivity 2.1 mV/Pa or better, Sound pressure level 150 dB SPL or more. RF output 10mW or more, up to 8 hours of operating time or better, Audio Frequency Response of 20Hz-20kHz (-3db) @ 3dbfs, Bluetooth connectivity with mobile devices for basic setup and control of the receiver, should come with rechargeable lithium-ion battery complete with standard accessories	Sennhesier/ Shure/ Earthworks	2	Nos		
8	Charger	Supply, Installation, Testing & Commissioning of USB Charger for digital microphone, should come with slot for charging lithium-ion battery, should charge up to 2 batteries simultaneously, should come complete with its power supply etc as required, should be from the same OEM as microphone to ensure compatibility	Sennhesier/ Shure/ Earthworks	2	Nos		
9	Antenna Splitter	Supply, Installation, Testing and Commissioning of Active antenna splitter 2 x 1:4 or 1 x 1:8, transmission operating in the UHF spectrum, Auto scan features, 134 dB or better audio input dynamic range, 56 MHz of tuning bandwidth and provision up to 90 channels, 2,200 or more selectable frequencies, with required antenna connection cables and directional antenna as per requirement.	Sennhesier/ Shure/ Earthworks	1	Nos		
VIDEO SYSTEM							

10	Main Displays	Supply, Installation, Testing & Commissioning of 86 Inch All-in-One Interactive Flat Panel (4k Resolution, Minimum 8 GB RAM, Minimum 128 ROM) Built in Speakers 20*2 Watts, Bluetooth/ Wi-Fi / LAN Connectivity Wireless Screen Sharing Accessories: Wall Mount Kit, Remote & Stylus Pen OPS PC (4K Resolution i5 ;11thgen; 8 GB; 1TB SSD) Windows 11 License with HDMI, RS232, Ethernet ports Complete with all mounting accessories and swivel mount.	Samsung /Christie / LG	2	Nos		
11	Preview Display	Supply, Installation, Testing and Commissioning of 55" or larger 4K professional display with HDMI, RS232, Ethernet ports with MTBF of 50000hrs and 16x7 operation. Complete with all mounting accessories and swivel mount.	Samsung /Christie / LG	4	Nos		
12	AI PTZ Camera	Supply, Installation, Testing & Commissioning of AI based Full HD 1080p @ 60fps Presenter PTZ Tracking Camera with Dual Cameraone PTZ Camera for Presenter Tracking and second fixed lens Panoramic Camera. PTZ Presenter Camera should support min 20X Optical Zoom and 12x Digital Zoom with Panning range of +170 deg to -170 deg and Tilt Range of -30 to +90 Degrees, Field of View for PTZ Camera should be min 58 Degree and for Panoramic Camera min. 100 Degree. PTZ Presenter Camera should support min 20X Optical Zoom and 12x Digital Zoom. The camera should support simultaneous outputs through HDMI, 3G-SDI, USB 3.0 and IP with 1x Audio In and can be controlled via RS232 and IP. Should support multiple video streams. Tracking Camera should support Everywhere Tracking, Partition Tracking, Auto Framing & Gesture Control. Should support PoE and Virtual USB Driver.	Sony/ Canon / Lumens/ Panasonic	1	Nos		

13	PTZ Camera	Supply, Installation, Testing & Commissioning of Full HD 1080p @ 60 frames per second PTZ Camera with minimum 20X Optical Zoom and FoV of minimum 57 deg, min 100 Presets.Camera should support simultaneous outputs through Ethernet, HDMI, 3G-SDI & USB 3.0, Audio In and can be controlled via RS232 & 422 In & Out & IP.Panning angle -170° ~ +170°, Tilting angle -30° ~ +90° . The tilting and panning speed of camera should be minimum 200° per second. Camera should support SRT, FreeD protocol, PoE and Virtual USB Driver.	Sony/ Canon / Lumens/ Panasonic	1	Nos		
14	Recording	Supply, Installation, Testing & Commissioning of Recording, Streaming & Webcasting Hardware simultaneously, Built-in 4x HDMI & IP Inputs with 4x Line Inputs, 2x HDMI Outputs. The system should be capable to record upto any four inputs simultaneously in a single frame and as well as individual sources simultaneously. Should have minimum 1TB inbuilt storage and can be connected to local NAS storage. The system should be able to support minimum 3 unicast streams.The recorded files should have the option of time and date stamp.	Lumens/Extron/Reach	1	Set		
15	Wooden Smart Podium	Supply, Installation, Testing and Commissioning of Wooden smart Podium in Metallic Frame and Wooden Top with 21 inch Full HD , with Gooseneck Microphone with On/off switch (Shure/shenniser), Keyboard Tray, and space to store AV equipment, Interactive display with full HD resolution of 1920x1080, Technology IPS LCD, Aspect ratio16:9, Brightness 250 cd/m2, Contrast ratio1000:1, Pen Type shall be Pressure-sensitive and cordless. Connectivity plate with HDMI, USB-C Video, 1 x USB and Power socket for BYOD and	AHA/UNI/Tecomm	1	Nos		

		Room PC of i5 12th gen with 512 GBSSD and 8GB RAM and licensed windows application, Wi-Fi inbuilt.					
16	Wall/Floor Plate	Supply, Installation, Testing and Commissioning of Wall/Floor Plate with 1xHDMI, 1xUSB-C Video, complete with Transmitter, Receiver set.	Extron/Kramer/ Light ware	1	Nos		
17	Matrix Switcher	Supply, Installation, Testing & Commissioning of 4K@60Hz 4:4:4 6X6 HDMI Matrix Switcher, 6 HDMI inputs, 6 HDMI Outputs, 2K and 4K support, HDTV Compatible, HDCP Compliant 1.4 & 2.2 both, data rate 18Gbps, HDMI Support: Deep Colour, 3D, ARC, up to 7.1 uncompressed audio channels, 12x12 audio matrix (6 embedded digital inputs + 6 ARC inputs and 6 digital outputs + 6 ARC outputs), Save up to 16 preset configurations, Automatic input selection based on priority selection or last connected input, Embedded Pattern Generator, Controllable through Ethernet and RS-232, Certification: CE, etc complete as required.	Kramer/LIG HTWARE/D atapath	1	Nos		
18	Audio De-embedder	Supply, Installation, Testing & Commissioning of 4K HDR HDMI Audio De-embedder Max. Data Rate — 18Gbps, Deep Colour up to 12-bit, De-embed from the HDMI output or ARC, Output to digital or analog Audio, Smart EDID Management. De-embeds the audio from HDMI signals with resolution up to 4K@60Hz (4:4:4) and data rate up to 18Gbps (6Gbps per graphic channel), deep colour up to 12-bit, supporting HDR and HDCP 2.2/1.4.	ATEN/Extron/ Kramer	1	Nos		
19	HDMI Distribution Amplifier	Supply, Installation, Testing & Commissioning of 1:8 HDMI Distribution amplifier, Resolution - 4K UHD, EDID and	Aten/Extron/ Kramer	1	Nos		

		HDCP support, Mounting hardware included.					
20	HDBT Tx-Rx Kit	Supply, Installation, Testing & Commissioning of HDBT Tx-Rx set. Range - 100 Meters or better, Resolution - 4K UHD, EDID and HDCP support, Mounting hardware included.	Aten/Extron/Kramer	5	Nos		
21	Control System and Touch Panel	Supply, Installation, Testing & Commissioning of Software or Hardware based control system with Supply, Installation, Testing & Commissioning of High Definition, Projective capacitive Multi-touch Touch Screen Controller with 24-bit colour display. Viewable Screen Dimensions (diagonal) – 5-inch, Resolution - 1280 × 720, Brightness - 450 Nits, Aspect ratio – 16:9, Power – PoE, Mounting – Wall and Tabletop, Orientation - Vertical / horizontal. Should include all perpetual license required.	QSC/Biamp/Symetrix	1	Nos		
22	Network Switch	Supply, Installation, Testing and Commissioning of 10 port Network switch for A VoverIP. 16x PoE+ ports and 200 Watts PoE budget. Should support advanced QoS and IGMP configuration to support multiple AVoverIP protocols on same VLAN,	Net gear/Cisco/Juniper	1	Nos		
23	Microphone Cable	Supply, Laying, Testing & Commissioning of Microphone Cable 23/0.76 ATC PVC Sheathed	Belden / Krystal / Canare	30	mtr		
24	Speaker Cable	Supply, Laying, Testing & Commissioning of Speaker Cable, 2 Core 1.5 Sqmm stranded ETP high-conductivity copper conductors, PVC insulation, parallel: (1) tinned, (1) bare etc. complete with installation as per the site requirement.	Belden / Krystal / Canare	300	mtr		
25	HDMI Cable	Supply, Laying, Testing & Commissioning of 18Gbps HDMI Cables (Varied sizes as per site requirement)	Belden / Krystal / Canare	1	L/s		
26	Ethernet Cable	Supply, Laying, Testing & Commissioning of 8 pair twisted CAT6A cable. Complete with	Belden / Krystal / Canare	200	mtr		

		installation as per the site requirement.					
27	L/S -MIC connector boxes	Supply, Laying, Testing & Commissioning of Loudspeaker and microphone connector boxes as per specs with Amphenol / Neutrik connectors.	custom	8	Nos		
28	Equipment rack	Supply, Laying, Testing & Commissioning of 16U Equipment rack having depth of 800mm or better. It should have min 3 slabs and have features of internal wiring, front glass door, heat dissipation fans, wheels and power distribution units.	Valrack/Ritta I/WQ	1	Nos		
		TOTAL					
		GST PAYABLE EXTRA @					

Total Amount in Words: -

Note: The Rate inclusive of all Acoustics Works, Audio-visual Works, Interior Works, Designs and also Labour cess, Taxes and applicable GST.

TECHNICAL SPECIFICATIONS:	Material Specifications for Acoustic, Audio-Visual, Interior, Electrical Works- As mentioned in the detail specifications in the BOQ and as per the standards mentioned.
ANNEXURE -E	Concept Presentation for Design & Development of Executive Class Centre For Placement Department At Third Floor Maina Building Of Iim Raipur-493661(Chhattisgarh)
ANNEXURE- F	Design Base Report for Design & Development of Executive Class Centre For Placement Department At Third Floor Maina Building Of Iim Raipur-493661 (Chhattisgarh)

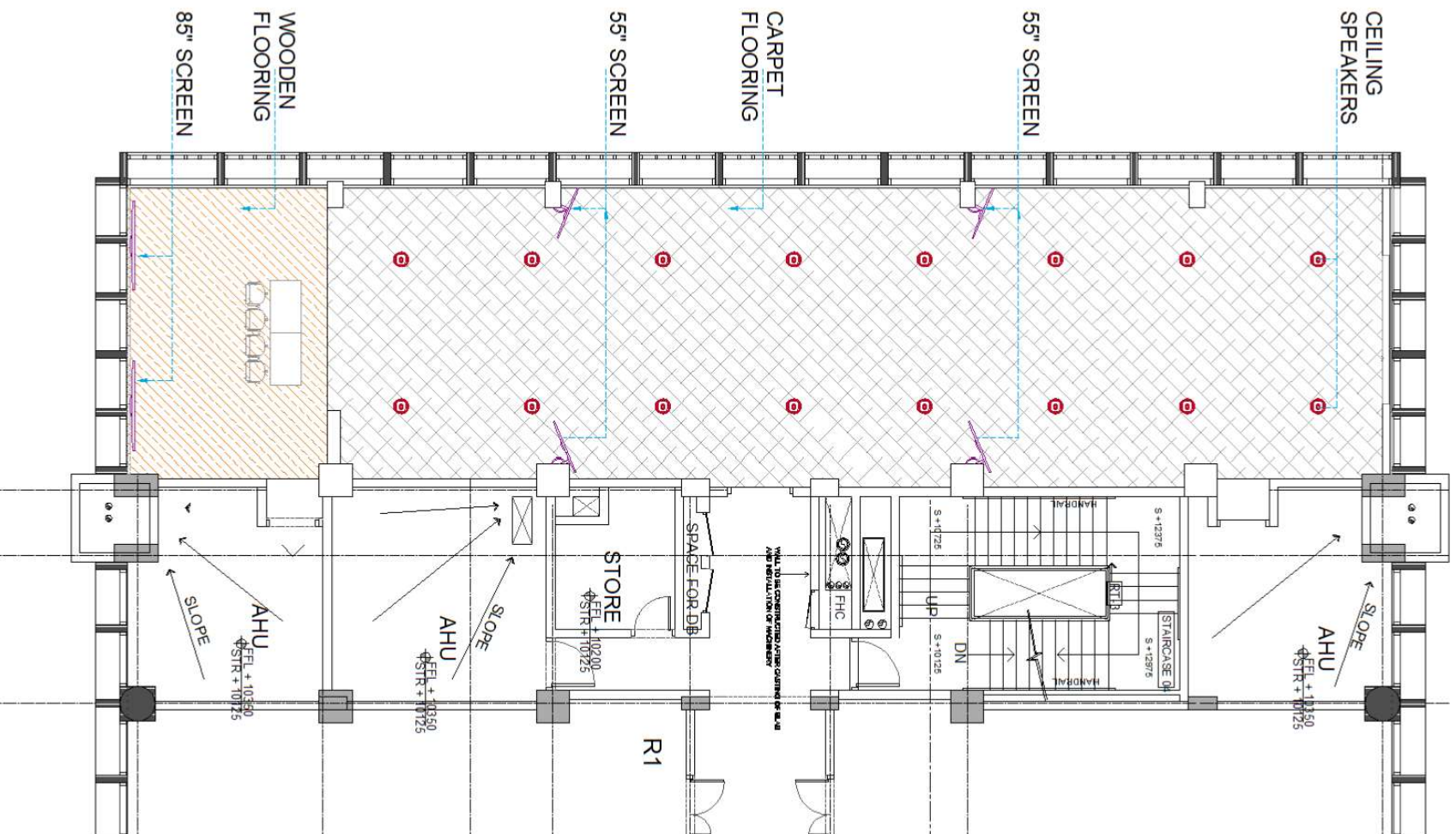
- **Note: ANNEXURE E & F are attached hereafter.**

ANNEXURE-E

IIM RAIPUR

CONCEPT PRESENTATION FOR
DESIGN & DEVELOPMENT OF EXECUTIVE CLASS CENTRE FOR PLACEMENT DEPARTMENT AT THIRD FLOOR
MAINA BUILDING OF IIM RAIPUR-493661(CHATTISGARH)

PLAN





Leadership is not about
being in charge. It is
about taking care of
those in your charge."

- Ratan Tata



"Climbing to the top demands
strength, whether it is to the top
of Mount Everest or to the top
of your career."

- A.P.J. Abdul Kalam



"Sustainability is a part of our 'rise' philosophy. You cannot rise if you take more from the community than you put back."

- Ananda Mahindra

"Leadership is not about being the most intelligent person in the room. It's about bringing the best out of the people in the room."

- N.R. Narayan Murthy




"Leadership is not about being the most intelligent person in the room. It's about bringing the best out of the people in the room."


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"Sustainability is a part of our 'rise' philosophy. You cannot rise if you take more from the community than you put back."

- Ananda Mahindra

A wide-angle shot of a modern office hallway. The walls are decorated with a geometric pattern of triangles in shades of teal, orange, and grey. A large, dark teal rectangular panel is mounted on the wall, featuring a quote by Dhirubhai Ambani. To the left of this panel is a white double door. To the right is a vertical wooden slat pillar. The floor is covered in a light-colored, patterned carpet. The ceiling has a grid of recessed lights.

*"Our dreams have to be bigger.
Our ambitions higher. Our
communication deeper. And
our efforts greater. This is my
dream for Reliance and
for India."
- Dhirubhai Ambani*

A wide-angle shot of a modern office hallway. The walls are decorated with a geometric pattern of triangles in shades of teal, orange, and grey. A large, dark teal rectangular panel is mounted on the wall, featuring a quote by Ratan Tata. To the left of this panel is a vertical wooden slat pillar. The floor is covered in a light-colored, patterned carpet. The ceiling has a grid of recessed lights.

*Leadership is not about
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those in your charge."
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"Sustainability is a part of our
'rise' philosophy. You cannot
rise if you take more from the
community than you put back."

- Ananda Mahindra

"Don't let the noise of
others' opinions drown
out your own inner voice."

- Steve Jobs



*"If you are calm about your
ambitions, you become
confident of achieving what
you set out to do."*

- Shiv Nadar

*"Sustainability is a part of our
'rise' philosophy. You cannot
rise if you take more from the
community than you put back."*

- Ananda Mahindra



"Leadership is not about being the most intelligent person in the room. It's about bringing the best out of the people in the room."

- N.R. Narayan Murthy

"Don't be afraid to take risks. Only then can you truly achieve great things."

- Gautam Adani



*"Climbing to the top demands
strength, whether it is to the top
of Mount Everest or to the top
of your career."*

- APJ Abdul Kalam

ANNEXURE-F

DESIGN BASE REPORT FOR DESIGN & DEVELOPMENT OF EXECUTIVE CLASS CENTRE FOR PLACEMENT DEPARTMENT AT THIRD FLOOR MAINA BUILDING OF IIM RAIPUR-493661 (CHATTISGARH)

ARCOP
ARCHITECTS

INTRODUCTION

The Executive Class Centre is located on the third floor of the Maina Building (Library Block) in the IIM Raipur Campus. The Hall size is 28.75M X 6.55 M X 2.70M (L, W, H).

- i) Lectures / Seminars.
- ii) Online University Exchange programs/ Placement Talks.
- iii) Q & A sessions between Dais and Students.

The purpose of this document is to outline for Owner, other Stakeholders, Architect, Vendor the concept and functionality of each of the area's where Acoustics, Audio Video and Multimedia systems are being implemented in this project, and for each of the Systems.

ACOUSTICS

The objective for this document is to give the basic design principles and methodology being undertaken to achieve the optimum technical parameters for audibility with intelligibility. It is essential that architectural design provides good acoustical characteristics for learning and speech communication is an important part of the process. Excessive background noise or Higher Reverberation time in such spaces interferes with speech communication and thus presents an acoustical challenge. The design is based on the IS 2526-1963 and further later developments in the field with advent of new materials and technologies and functional requirements of Multipurpose halls.

Characteristics that can be attributed to Poor speech intelligibility in the Hall:

- High reverberation time value
- Background Noise

In current scenario the High reverberation time is causing the problem of intelligibility. Absorption of the sound is very important from the surfaces to reduce the Reverberation Time. It depends on the material of the surface. The design should cater to absorbing materials for all frequency bands i.e. Low, Mid & High. The materials proposed to be used on the surfaces for a good acoustic so as to reduce the reflection and hence Reverberation Time. The efficiency of a sound absorbing

material depends upon its distribution and location within the given room. Thus, it is important to have a proper distribution of the absorbing materials in all frequency bands.

OPTIMUM PARAMETERS TO BE ACHIEVED ARE AS BELOW: -

1: Background Noise Levels	:	NC 30-35
2. Reverberation Time	:	0.9–1.0 Secs @1000Hz

ACOUSTICS:-

- I) REVEBERATION TIME: Keeping in view the volume of hall and functional characteristics acoustic treatment is designed for a reverberation time value of 0.9 to 1.0 sec. at 1000Hz varying at higher and low frequencies as required for speech characteristics.
- II) ACOUSTIC TREATMENT The treatment for the walls has been planned in complete frequency band with heterogeneous placement of the absorptive materials of different NRC values.
 - a) The lower part of the wall up to 600mm is treated for the LF (Low Frequency) absorption which works as panel absorber.
 - b) The balance surface has selective panel absorbers that work as MF (Mid Frequency) and HF (high frequency) treatment.
 - c) The framework is out of GI studs for higher strength and keeping it vermin proof.
 - d) The Absorptive material infill is 50mm 1000gsm non-woven thermal bonded polyester wadding which replaces the carcinogenic material like glass wool.
 - e) HALL CEILING TREATMENT: Ceiling will be lay in Grid fashion. The existing grid is to be used and the wood wool tiles which are to be replaced with high NRC acoustic tiles of Mineral wool/ Glass wool substrate.
 - f) DAIS FLOOR: A 150mm high Dais is created with Wooden battens and framing with two staggered layers of 12mm FR rated ply fixed over for comfort & noise free movements at stage with resilient pads under the frame.

- g) The Hall floor is with Nylon Flocked Carpet Planks to provide a STC value of 10 and laying over the existing floor with adhesive and create design pattern as per architects.

AUDIO VIDEO MULTIMEDIA SYSTEM

This document is the concept audio visual design report (DBR) for DPS, based on the Standard requirements along with our recommendation considering the current and upcoming technology trends for the Executive Class Centre. The design takes care of the Functional and operational requirements of IIM Raipur.

The specific functions of this document are to:

- Provide a written and visual concept of what AV/Multimedia will be provided for this project.
- To be a statement of the AV/Multimedia concept for review to ensure this meets client requirements.
- To provide relevant information on equipment, physical requirements, special requirements, electrical requirements etc. for the Interior Designer and other consultants.

The basic premise that the designer has used in all its design works is as follows:

- Technology must be appropriate for use, must be maintainable in the environment that it is being used with the resources that are available, and must benefit or add to the good experience of the user and not be technology for technologies sake.
- The proposed designs should be open architecture to allow for upgradation,

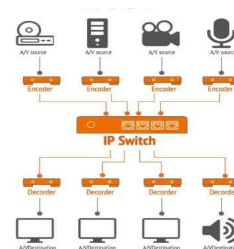
and upgradation path should be identified for all major systems and form part of the recommendation.

- Major focus should be in providing infrastructure to support the development of the systems being proposed and additional conduits, cabling and related works.

VIDEO MULTIMEDIA SYSTEM:-

1. It is proposed to provide two numbers of 85" LED Display at the rear of the stage having 4K Resolution on the screen on left and right side of the Dais to felicitate clear visibility for the delegates/attendees when the Dais is occupied by 4nos of presenters.
2. Further as the depth of the room is more than the height and width it is required to add additional LED screens for the delegates sitting in the Rear and Mid of the auditorium. 4 nos 55" LED displays of 4k resolution are proposed with 180-degree swivel mounts.
3. The hall will have BYOD (Bring your own-device concept) wherein wireless connectivity from Windows, Mac, Android, Apple can be shared wirelessly.
4. The screen shall be used for showing the presentations and Video/Film presentations from the Recorded or Live streaming.
5. The hall will be provided with broadcast quality cameras for the pickup of live functions on the stage as well as the audience in the hall for online interuniversity educational exchange programs. One no's broadcast quality camera for the pickup of the faculty on the stage is proposed. Further 1 nos. cameras of broadcast quality is proposed for the delegates pickup.
6. A streaming & recording device with 1TB HDD for archiving of the events has been provided in the system
7. The hall shall have wired & wireless connectivity on the stage for the presentations and other functionalities as desired during the functioning apart from hard wired connectivity for 2 nos of the podiums.
8. The Hall is equipped with Digital podium for connectivity of laptop, there shall be one Gooseneck Microphone with On/OFF & Mute button and one nos integrated Touch screen of minimum 21" for annotations during the presentations.

9. The Hall will have Audio Video over IP (AVOIP) solution for interconnectivity in campus or for streaming online the seminars, lectures & live programs on social media and IIMR website. The Streamed videos can also be archived for future use or stored in the media library.
10. A multi format USB Hub with 1xHDMI, 1xRJ45, 1xUSB-C, 1xUSB-A inputs and 1xUSB-C with Pig tail for 4K video is provided.
11. A 24-port managed AVOIP Network switch with PoE++ ports is proposed for routing of the AV signals over LAN.
12. A wired 7.0" or larger PoE touch panel for control of AC devices is provided.
13. The hall is equipped with distributed ceiling mount speakers for the reinforcement of the audio with suitable amplifiers and DSP for the digital signal processing.
14. Further for the stage fold back 2 nos wall mount speakers are provided.
15. An equipment rack is proposed for housing the AV equipment like switches, amplifiers and processors.



16. The hall is equipped with lapels/head worn for performers/and handheld wireless microphones for the presenters & delegates.
