

HIGH COURT OF MADHYA PRADESH: JABALPUR

(SECOND CALL)

// NOTICE INVITING E-TENDER //

Tenders are invited from experienced and reputed firms/ organizations/ Original equipment's Manufacturer (OEM) for the "Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur" under the specifications, terms and conditions mentioned in the tender document. The last date of online tender submission is **09th December, 2025 before 06:00 P.M (mandatory)**. The sealed tenders complete in all respect addressed to "**Registrar General, High Court of Madhya Pradesh, Jabalpur**" must be submitted before **05:00 P.M on 10th December, 2025 (mandatory)**. The technical bids of the tenders shall be opened on **11th December, 2025 at 11:30 A.M.** The detailed tender document is available in the official website of the High Court of Madhya Pradesh www.mphc.gov.in and Government e-procurement portal www.mptenders.gov.in.

Sd/-

REGISTRAR GENERAL

HIGH COURT OF MADHYA PRADESH: JABALPUR
(SECOND CALL)

// NOTICE INVITING E-TENDER //

No. Reg(IT)(SA)/2025/1855

Dated: 11/11/2025



Bid Document for

Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur

Note: - This document contains total **45 pages** including cover. No change and modification in the document by the bidder is permissible.

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Section – I
(SECOND CALL)

// NOTICE INVITING E-TENDER //

No. Reg(IT)(SA)/2025/1855

Dated: 11/11/2025

The Registrar General, on behalf of High Court of Madhya Pradesh invites **e-tenders / online tenders** from experienced and reputed firms/organizations/ Original equipments manufacturer (OEM) for the “**Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur**”.

S. N.	Estimated project cost (In Rs.)	EMD (In Rs.)	Cost of online Tender Document (In Rs.)	Last Date / Time of online tender Submission	Last Date/ Time of tender submission in hardcopy	Date and Time of Opening of Technical Bid (online/ hardcopy)	Time for Completion of the work / project
1.	1.50 Crore	03 Lakh	5,000/-	09 th December, 2025 before 06:00 PM	10 th December, 2025 before 05:00 PM	11 th December, 2025 at 11:30 AM	60 days

1. Tender documents may be viewed or purchased online by interested and eligible bidders from the website <https://mptenders.gov.in> after paying Tender fee of **Rs.5,000/-** and Processing Fee, as applicable. The tender document is also available in website <http://www.mphc.gov.in>.
2. Bidders can submit its tender online at <https://mptenders.gov.in/> on or before the key dates given above. The Physical copy of the Technical Bid along with copy of online EMD should also be submitted at the address below latest by **10th December, 2025 at 05:00 P.M.**

3. *All further notifications/amendments, if any shall be posted on <https://mptenders.gov.in> and www.mphc.gov.in only. No separate communication shall be made with individual Bidders.*
4. **The financial bids are to be submitted online and no hard sheet/ copy is to be submitted along with the bid.**

All other terms and conditions for submission of tender are contained in this document. If the date of submission/opening of the Bid is declared as holiday then the bids shall be submitted / opened on next working day.

The Registrar General, High Court of Madhya Pradesh, Jabalpur (M.P.) reserves the right to accept or reject any or all bids without assigning any reason thereof.

Address for communication:-

**Registrar General,
High Court of Madhya Pradesh
Jabalpur (M.P.)
Email ID: regithcjbptd@mp.gov.in
Landline: 0761-2623358**

Section – II

2. INSTRUCTIONS TO BIDDERS:-

2.1 DEFINITIONS:-

- a) **“The Employer”** or **“The Purchaser”** means the "Registrar General, High Court of Madhya Pradesh, Jabalpur".
- b) **“The Bidder”** means a firm which participates in the tender and submits its proposal.
- c) **“Successful Bidder”** means the Bidder, who, after the complete evaluation process, gets the Letter of Award. The Successful Bidder shall be deemed as “Contractor” appearing anywhere in the document.
- d) **“The Letter of Award”** means the issue of a signed letter by the Purchaser of its intention to award the work mentioning the total Contract Value. The timeline for delivery of products and services will start from the date of issue of Letter of Award.
- e) **“The Contract”** means the agreement entered into between the Employer and the Contractor, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- f) **“The Contractor”** means the individual or firm or OEM supplying the Goods / items and Services under this Contract.
- g) **“The Contract Price”** means the price payable to the Successful Bidder under the Letter of Award for the full and proper performance of its contractual obligations. The Contract Price shall be deemed as **“Contract Value”** appearing anywhere in the document.
- h) **“Site Acceptance Test (SAT)”** is a process of testing the contracted services provided by the Bidder at the locations specified by the Registrar General, High Court of Madhya Pradesh. SAT comprises of Product Acceptance Tests with respect to Technical Specifications and Bill of Materials as specified in this tender, checking the installation, commissioning and integration of sub-components and integration with High Court software and acceptance of the Training at the site.
- i) **“Services”** means System Integration, Training and coordinating with the original equipment manufacturer (OEM) for installation,

commissioning, system integration and maintenance for proper working of supplied equipments /items etc.

- j) “**NIT**” is the Notice Inviting Tender. It is essentially the Press Notification of the Tender.
- k) “**OEM**” - means Original Equipment Manufacturer and /or Original Software Developer.
- l) This tender is subject to availability of funds / Budget from the State Government /Department of Justice, Govt. of India.

2.2 BID DOCUMENT:-

2.2.1 The process and procedures of bidding, the materials to be supplied and the various terms and conditions of this tender are provided in the Bid Document. The Bid Documents include:-

- i. Section I Notice Inviting e-Tender
- ii. Section II Instructions to Bidders
- iii. **Section III *Terms and Conditions for E-Tendering.***
- iv. Section IV General Conditions of Contract
- v. Section V Special Conditions of Contract
- vi. Section VI Scope of work
- vii. Section VII Technical Specifications
- viii. Section VIII Format to be used for submission of proposal
- ix. Section IX Certificates

2.2.2 The Bidder should carefully read all the instructions, terms and conditions, specifications and various forms that are provided in the Bid Document. The tender may be rejected if any or all of the information asked for in this document are not furnished along with the tender or if the tender is not responsive with the Bid Document.

2.3 AMENDMENT OF BID DOCUMENTS:-

At any time, prior to the date of submission of Bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify bid documents by amendments by issuing corrigendum / addendum in the website of the High Court.

2.4 COST OF BIDDING:-

The Bidder has to bear all the costs associated with the preparation and submission of the bid. Purchaser will, in no case, be responsible or liable for any of the costs, regardless of the conduct or outcome of the bidding process.

2.5 EARNEST MONEY DEPOSIT (EMD):-

2.5.1 The proposal should be submitted along with **only online** application fee of **Rs.5,000/- (Rs. Five Thousand Only)** and Earnest Money Deposit (EMD) of **Rs.3,00,000/- (Rupees Three Lakh Only)** in the form of **online mode** through e-procurement tender portal **www.mptenders.gov.in** valid for the period of 06 months in favour of **“Registrar General, High Court of Madhya Pradesh, Jabalpur”**. The Bid submitted without EMD and/or the application fee shall be summarily rejected.

2.5.2 The EMD of the successful Bidder will be returned when the Bidder has signed the Contract Agreement with the purchaser and has furnished the required Performance Guarantee.

2.5.3 The EMD will be forfeited:

(i) *If a Bidder withdraws its bid during the period of bid validity.*

or

(ii) *If the Bidder fails to accept the Purchaser's corrections of arithmetic errors in the Bidder's bid (if any),*

or

(iii) *If the Successful Bidder fails to sign the contract agreement with the purchaser,*

or

(iv) *If the Successful Bidder fails to furnish the Performance Guarantee with in the stipulated time.*

2.6 BID PRICES:-

2.6.1 The Bidder shall give the pricing as individual and as a total composite price inclusive of all levies & taxes, packing, forwarding, freight and insurance etc.

2.7 DISCOUNTS:-

The Bidders are informed that discount, if any, should be included in the total price.

2.8 BID VALIDITY:-

The bids shall remain valid for the period of **180 days from the date of last submission.**

2.9 ONLY ONE BID PER PARTY:-

Each bidder is permitted to submit ONLY ONE BID. In case it is found that any party has submitted more than one bid for the subject work(s) in any of the above capacities, all bids so submitted shall be summarily rejected and the EMPLOYER shall not entertain any further request/correspondence in this matter.

2.10 SUBMISSION OF PROPOSALS:-

2.10.1 All physical proposals have to be submitted ONLY in **HARD BOUND (Hard bound implies such binding between two covers through stitching or otherwise whereby it may not be possible to replace any paper without disturbing the document)** form with all pages sequentially numbered either at the top or at the bottom right corner of each page. It should also have an index giving page wise information of above documents. Incomplete proposal or those received without hard bound will summarily be rejected. **All the Pages and Papers to be signed and sealed by the authorized signatory of the bidder.**

2.10.2 The Bidders are required to fill up and submit the **Section VIII (only online)** documents with their proposals.

2.10.3 The proposals shall be submitted in two parts, viz.:-

- (a) **Envelope-1:** Containing Copy of Earnest Money Deposit (EMD) valid for the period of six months. The envelope should be superscribed as **"Envelope-1: EMD"** at the top left corner of the envelope.
- (b) **Envelope-2:** Pre-qualification Proposal and Technical Proposal superscribed as **"Envelope 2 – Pre-qualification and Technical Proposal"** (Containing duly signed PRE-QUALIFICATION PROPOSAL SUBMISSION FORM as prescribed in tender, Other required Prequalification documents, clause-by-clause compliance to

the technical specifications of the equipments as prescribed in Section-VII, all technical literature, brochures etc.). In the technical proposal, there should not be any indication about the prices (printed or otherwise) of any of the products offered.

2.10.4 All the sealed envelopes should again be placed in a **single sealed cover** superscribed as *“Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur”* bid from: M/s _____ **“NOT TO BE OPENED BEFORE 11:30 A.M. on 11th December, 2025”**, which will be received as time mentioned in the Schedule of Events. The Bid is to be submitted to the **“Inward / Receipt Section of the High Court of M.P., Jabalpur”**.

2.10.5 The Bids and all correspondence and documents relating to the bids, shall be written in English language.

2.10.6 **The financial bids are to be submitted online and no hard copy to be submitted along with the bid.**

2.11 LATE BIDS:-

Any bid received by the Purchaser after the time and date for receipt of bids prescribed by the Purchaser in the tender may be rejected and returned unopened to the Bidder.

2.12 MODIFICATION AND WITHDRAWAL OF BIDS:-

2.12.1 The Bidder is allowed to withdraw its submitted bid any time prior to the last date prescribed for receipt of bids, by giving a written notice to the Purchaser.

2.12.2 Subsequent to the last date for receipt of bids, no modification/ withdrawal of bids shall be allowed.

2.12.3 The Bidders cannot withdraw the bid in the interval between the last date for receipt of bids and the expiry of the bid validity period specified in the Bid. Such withdrawal may result in the forfeiture of its EMD from the Bidder.

2.13 LOCAL CONDITIONS:-

2.13.1 Each Bidder is expected to fully get acquainted with the local conditions and factors, which would have any effect on the performance of the contract and /or the cost.

2.13.2 The Bidder is expected to know all conditions and factors, which may have any effect on the execution of the contract after issue of Letter of Award as described in the bidding documents. The Purchaser shall not entertain any request for clarification from the Bidder regarding such local conditions.

2.14 CONTACTING THE PURCHASER:-

Any effort by a Bidder influencing the Purchaser's bid evaluation, bid comparison or contract award decisions may result in the rejection of the bid.

2.15 ELIGIBILITY/ PRE-QUALIFICATION CRITERIA:-

Bidders that meet **ALL** of the following pre-qualification criteria need only apply.

2.15.1 (i) Average Annual Financial turnover of the bidder during last 03 financial years, ending **31st March of previous financial year i.e. 2024-25 should be at least Rs. 02 Crore.**

2.15.2 (ii) Experience in Supply and installation of Computers Hardware Articles/ Display Boards /Interactive Panels and other related IT equipment's during last 05 years ending last day of month previous to the month of publication of this tender, should be either of the following:-

(a) Three similar completed work costing not less than the amount equal to **40% of the estimated cost.**

OR

(b) Two similar completed work costing not less than the amount equal to **50% of the estimated cost.**

OR

(c) One similar completed work costing not less than the amount equal to **80% of the estimated cost.**

Similar works means: Supply and installation of Computers Hardware Articles/ Display Boards /Interactive Panels and other related IT Equipment's.

2.16 SCHEDULE OF EVENTS:-

The tentative dates for the schedule of key events of this tender are given as under:-

S. No.	Events	Date
01	Last date and time of online submission of proposal (mandatory).	09th December, 2025 before 06:00 PM
02	Last date and time of submission of hardcopy of proposal (mandatory).	10th December, 2025 before 05:00 PM
03	Date and time of opening of the technical Bids	11th December, 2025 at 11:30 AM
04	Date and time of opening of the financial Bid at High Court of Madhya Pradesh, Jabalpur	Date and time of opening of financial bids will be intimated to qualified bidders via e-mail / letter / telephone.

2.17 OPENING OF PROPOSAL:-

The Evaluation Committee or its authorized representative will open the tenders.

2.18 EVALUATION:-

2.18.1 The Purchaser reserves the right to modify the Evaluation Process at any time during the Tender Process, without assigning any reason, whatsoever, and without any requirement of intimating the Bidders of any such change.

2.18.2 Any time during the process of evaluation, the Purchaser may seek for clarifications from any or all Bidders.

2.18.3 The tender has been invited under two bid system i.e. Technical Bid and Financial Bid. The interested agencies are advised to submit sealed envelopes super as mentioned above under clause

2.10.3

Phase-1: Online Application Fee & EMD: First, the envelope containing Online Application fee and Copy of Earnest Money Deposit will be opened and if both are found furnished by the Bidders in the prescribed manner, then the second envelope

containing Pre-Qualification & Technical Proposal documents shall be opened. At any stage during the evaluation, if the EMD is found invalid, the respective Bidder's bid will be summarily rejected.

Phase-2: Pre-Qualification and Technical Proposal Evaluation:

The Bidder shall have to fulfill all the Pre-qualification Criteria. These documents will be scrutinized along with the Technical Proposal in this phase of evaluation. Those bidders who do not fulfill the terms and conditions of Pre-qualification Criteria as specified in this tender or whose Technical Proposal is non-responsive will not be eligible for further communication. Technical Proposals of the Bidders would be evaluated for the clause-by-clause compliance of the technical specifications as mentioned in the Bid document.

Evaluation of Prequalification and Technical Proposal by Registrar General, High Court of Madhya Pradesh shall not be questioned by any of the Bidders. The Purchaser reserves the right to ask for a technical elaboration/clarification in the form of a technical presentation from the Bidder on the already submitted Technical Proposal at any point of time during evaluation process. The proposals shall be opened in presence of their representatives who wish to attend.

Phase-3: Online Financial proposal of only qualified bidders will be opened for further evaluation.

The Commercial Proposal Evaluation will be based on the “individual cost”, which would be the total payouts including all taxes, duties and levies for the *Supply and installation of Computers Hardware Articles/ Display Boards /Interactive Panels and other related IT Equipments.*

2.19 DECIDING AWARD OF CONTRACT:-

- 2.19.1 The Purchaser reserves the right to ask for a **technical elaboration /clarification** in the form of a technical presentation from the Bidder on the already submitted Technical Proposal at any point of time before opening after opening of the proposals. The Bidder has to present the required information to the Registrar General, High

Court of Madhya Pradesh and its appointed representative on the date asked for, at no cost to the Purchaser.

- 2.19.2 Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of the errors, his bid will be rejected. If there is a discrepancy between words and figures, the amount mentioned in words will prevail.
- 2.19.3 The Purchaser will notify the Successful Bidder on its intention to award the work through “**Letter of Award/ acceptance**” mentioning the total Contract Value. The timeline for delivery of products and services will start from the date of issue of Letter of Award.
- 2.19.4 The Purchaser will subsequently send the Successful Bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 2.19.5 As soon as practically possible, following receipt of the Form of Contract Agreement, the successful Bidder shall sign and date the Form of Contract Agreement and return it to the Purchaser. This is deemed as the “Contract” or “Contract Agreement” defined elsewhere in this tender document.
- 2.19.6 *The Registrar General, High Court of Madhya Pradesh, Jabalpur may award the entire contract to a single firm or to multiple firms depending upon rates available with the bid.*

2.20 GENERAL INSTRUCTIONS TO THE BIDDERS:-

- 2.20.1 The cost of preparing the proposal, cost involved for the technical presentation and of visit to the High Court of Madhya Pradesh is not reimbursable.
- 2.20.2 All cutting, overwriting in the proposal should be authenticated by the initials of the authorized signatory. In case of any calculation error the unit rates would prevail. The amount will also have to be written in words.

2.20.3 **Successful bidder must ensure his establishment in India and in the State of Madhya Pradesh for post-installation services and support of the supplied equipments.**

2.20.4 Canvassing in any form will lead to disqualification of the bid.

2.21 CONFIDENTIALITY:-

2.21.1 The Bidder shall keep confidential any information related to this tender with the same degree of care as it would treat its own confidential information. The Bidders shall note that the confidential information will be used only for the purposes of this tender and shall not be disclosed to any third party for any reason whatsoever.

2.21.2 As used herein, the term “Confidential Information” means any written information, including without intimation, information created by or for the other party, which relates to internal controls, computer or data processing programs, algorithms, electronic data processing applications, routines, subroutines, techniques or systems, or information concerning the financial affairs and methods of operation or proposed methods of operation, accounts, transactions, proposed transactions or security procedures of either party or any of its affiliates, or any client of either party, except such information which is in the public domain at the time of its disclosure or thereafter enters the public domain other than as a result of a breach of duty on the part of the party receiving such information. It is the express intent of the parties that all the business process and methods used by the Bidder in rendering the services hereunder are the Confidential Information of the Bidder.

2.21.3 At all times during the performance of the Services, the Bidder shall abide by all applicable High Court of Madhya Pradesh security rules, policies, standards, guidelines and procedures. The Bidder should note that before any of its employees or assignees is given access to the Confidential Information, each such employee and assignees shall agree to be bound by the term of this tender and such rules, policies, standards, guidelines and procedures by its employees or agents.

- 2.21.4 The Bidder should not disclose to any other party and keep confidential the terms and conditions of this tender, any amendment hereof, and any Attachment or Annexure hereof.
- 2.21.5 The obligations of confidentiality under this section shall survive rejection/termination/expiry of the contract for a **period of five years**.
- 2.22 *The Government of India had amended the General Financial Rules 2017 to enable the imposition of restrictions under Rule 144(xi) on bidders from countries which share a land border with India on grounds of defense of India, or matters directly or indirectly related thereto including national security. The bidder has to submit proper documents in this regards as per the policy.*
- As per the Public Procurement (Preference to Make in India), Order 2017, the Class-I local suppliers shall get preference in procurement of goods, services or works. In furtherance of the Revised PPP-MII Order dated 04.06.2020, the Ministry of Electronics & Information Technology (MEIT) has notified the mechanism for calculation of local content for the 13 electronic products vide Notification no. 43/4/2019-IPHW-MeIT dated 07.09.2020.*

Section – III

3. Terms and Conditions for e-Tendering:-

- 3.1** For participation in e-tendering module, it is mandatory for prospective bidders to get registration on website **<https://mptenders.gov.in/>**. Therefore, it is advised to all prospective bidders to get registration by making on line registration fees payment at the earliest.
- 3.2** Tender documents can be purchased *only online* on payment of tender fees and downloaded from website **<https://mptenders.gov.in/>** by making online payment for the tender document fee.
- 3.3** Service and gateway charges shall be borne by the bidders.
- 3.4** Since the bidders are required to sign their bids online using class – III Digital Signature Certificate, they are advised to obtain the same at the earliest.
- 3.5** For further information regarding issue of Digital Signature Certificate, the bidders are requested to visit website **<https://mptenders.gov.in/>**. Please note that it may take upto 07 to 10 working days for issue of Digital Signature Certificate. Department will not be responsible for delay in issue of Digital Signature Certificate.
- 3.6** If bidder is going first time for e-tendering, then it is obligatory on the part of bidder to fulfill all formalities such as registration, obtaining Digital Signature Certificate etc. well in advance.
- 3.7** Bidders are requested to visit our e-tendering website regularly for any clarification and / or due date extension.
- 3.8** Bidder must positively complete online e-tendering procedure at **<https://mptenders.gov.in/>**
- 3.9** Department shall not be responsible in any way for delay /difficulties /inaccessibility of the downloading facility from the website for any reason whatever.

For any type of clarification bidders can / visit <https://mptenders.gov.in>. In case of any assistance please call Help desk numbers 0120-4200462, 0120-4001002. Support timings: Monday to Saturday from 10:00 AM to 07:00 PM.

- 3.10** Interested bidders may attend the free training programme in Bhopal at their own cost. For further query please contact help desk.
- 3.11** The bidder who so ever is submitting the tender by his Digital Signature Certificate shall invariably upload the scanned copy of the authority letter as well as submit the copy of same in physical form with the offer of particular tender.
- 3.12** *In case of any technical issue at the time of filling of bid documents the High Court of Madhya Pradesh will not be responsible for any non-submission / late submission of bid documents.*
- 3.13** *The firms registered under NSIC and MSME (The vendor to be registered with both NSIC and MSME for claiming exemption of tender fees) are exempted for submission of tender fees only. But they have to submit valid EMD as per the tender requirement.*

Section – IV

4 GENERAL CONDITIONS OF THE CONTRACT (GCC):-

4.1 GENERAL:-

The Products /equipments supplied under this contract shall conform to the Technical Specifications given in this tender under **Section VII**.

4.2 PERFORMANCE GUARANTEE:-

4.2.1 The Successful Bidder will be required to furnish performance guarantee in the form of unconditional Bank Guarantee issued by a Nationalized / Scheduled Bank in India equivalent to **05%** of the Contract Value initially valid for a period of 60 months within 30 days from the date of contract.

4.2.2 BANK GUARANTEE:-

The Bank Guarantee issued by following banks would be accepted. SBI or its subsidiaries, any Indian Nationalized Bank/Scheduled Bank, Export Import Bank of India, a foreign bank (issued by a branch outside India) with counter guarantee from SBI or its subsidiaries or any Indian Nationalized Bank, and any scheduled commercial bank approved by RBI having a net worth of not less than Rs.500 Crores as per the latest annual report of the bank.

4.2.3 The Performance Guarantee shall be as per the format approved by the Registrar General, High Court of M.P., Jabalpur.

4.2.4 The Performance Guarantee shall be payable to the Purchaser as a compensation for any loss resulting from the Bidder's failure to complete its obligations under the contract. The Purchaser will discharge the Performance Guarantee after completion of the Bidder's performance obligations, including any warranty obligations, under the contract.

4.3 DELIVERY OF MATERIALS AND RELATED DOCUMENTATION:-

4.3.1 Delivery, Installation and Commissioning of the materials along with the related documents as per the tender document and technical specification section (**Section VII**) are the responsibility of the Bidder.

4.3.2 The Successful Bidder shall ensure that all Products /equipment are supplied within the Implementation schedule mentioned in the tender document under Section V.

4.3.3 The Successful Bidder shall submit all the Software Kits (CDs), License Papers, Warranty Papers and any other relevant documentation related to the supplied products to the Purchaser along with the supplied products /equipments.

4.4 WARRANTY:-

4.4.1 The Bidder is required to provide on-site comprehensive warranty **valid for 60 months for all supplied hardware items from the date of installation.**

4.4.2 The Bidder shall warrant that all the equipment supplied under the contract is newly manufactured and shall have no defect arising out of design, materials or workmanship or from any act or omission of the Bidder that may develop under normal use of the supplied equipments in the conditions prevailing across the country.

4.4.3 The Bidder shall warrant that the services provided under the contract shall be as per the Warranty Service Level Requirements given under **Section-VI**. During the warranty, the Bidder shall perform all the functions as enunciated in Section-VI at no extra cost to the Purchaser. All the penalty clauses shall be applicable during the period of warranty in case of failure on part of Bidder. The terms and conditions for Warranty are given in **Section-VI**.

4.4.4 The bidder shall quote for **comprehensive On-Site warranty and support for FIVE years**, which shall become effective after the Final Acceptance Sign-off. The cost, including visits of the engineers etc. shall be quoted as part of the individual equipment prices. No separate charges shall be paid for visit of engineers or attending to faults and repairs or supply of spare parts.

4.4.5 The Registrar General, High Court of Madhya Pradesh shall promptly notify the Bidder about any claims arising under this warranty. Upon receipt of such notice, the Bidder shall repair / replace / reconfigure / re-provisions the defective equipments or service. Replacement under warranty clause shall be made by the Successful Bidder free of all

charges at site including freight, insurance and other incidental charges.

- 4.4.6 If the Bidder, having been notified, fails to remedy the defect(s) within the period specified in the Service Level Agreement, the Registrar General, High Court of Madhya Pradesh may proceed to take such remedial action as may be necessary at the Bidder's risk and expense and without prejudice to any other rights, which Registrar General, High Court of Madhya Pradesh may have against the Bidder under the contract.

4.5 PAYMENT TERMS:-

- 4.5.1 For the supply, installation, commissioning, testing and warranty maintenance of all hardware items for the period of 60 months:-

Payments will be made in **Indian Rupees only**

- 4.5.1.1 **80% of total price against delivery** of the equipments at the site after submitting the duly verified delivery challan of the site / locations certified by Madhya Pradesh State Judicial Academy.
- 4.5.1.2 **20% of total price against** successful installation and getting Sign-off from Madhya Pradesh State Judicial Academy.

4.6 PRICES:-

- 4.6.1 The rate contract of all the quoted items shall be valid for the period of 01 year from the date of agreement /contract.
- 4.6.2 The rates and prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subjected to adjustment.

The rates shall be valid for the period of one year from the date of agreement. However on introduction of new taxes / duties, the rates of the quoted items shall be change in same proportionate. Further, order on approved rates shall be placed by High Court of Madhya Pradesh, Jabalpur on need basis.

4.7 PURCHASER'S RIGHTS:-

- 4.7.1 ***The Purchaser reserves the right to make changes within the scope of the work and Contract and configuration of items at any point of time.***
- 4.7.2 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award

of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.

4.8 TIME SCHEDULE TO COMPLETE THE CONTRACT:-

- 4.8.1 The successful bidder shall complete the assignment within **60 days from the date of contract.**
- 4.8.2 The Successful Bidder shall ensure that the delivery of Products/ equipment and/or the delivery of the services are in accordance with the time schedules specified in tender documents. In case of any deviation from the schedule, the Purchaser reserves the right to either cancel the Contract and/or recover Liquidated Damage charges.
- 4.8.3 The Successful Bidder, if faced with problems in timely delivery of services, which have dependencies on the Service Provider and/or the Purchaser, which are beyond their control at any time before the Final Acceptance Signoff, shall immediately inform the Purchaser in writing, about the causes of the delay and tentative duration of such delay etc. The Purchaser, on receipt of such notice, shall analyze the facts at the earliest and may at its sole discretion, extend the contract period as deemed reasonable.
- 4.8.4 Any delay by the Successful Bidder in the delivery of Products/ equipment and/or the services will make the Successful Bidder liable to any or all of the following:
 - i. Forfeiture of Performance Bank Guarantee
 - ii. Imposition of Liquidated Damage charges
 - iii. Termination of the contract for default.
 - iv. Blacklisting of the vendor.

4.9 LIQUIDATED DAMAGES (LD):-

If the Bidder fails to deliver any or all of the equipment or to perform the services within the time period(s) as mentioned in tender document. Registrar General, High Court of Madhya Pradesh shall without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the 0.5% of the contract price for every week (seven days) or part thereof of delay, up to maximum deduction of 10% of the contract price. Once

the maximum is reached, Registrar General, High Court of Madhya Pradesh may consider termination of the contract.

4.10 FORCE MAJEURE:-

4.10.1 Neither party shall be responsible to the other for any delay or failure in performance of its obligations due to any occurrence commonly known as Force Majeure which is beyond the control of any of the parties, including, but without limited to, fire, flood, explosion, Acts of God or any governmental body, public disorder, riots, embargoes, or strikes, acts of military authority, epidemics, strikes, lockouts or other labour disputes, insurrections, civil commotion, war, enemy actions.

4.10.2 If a Force Majeure arises, the Bidder shall promptly notify the Registrar General, High Court of Madhya Pradesh in writing of such condition and the cause thereof. Unless otherwise directed by the Registrar General, High Court of Madhya Pradesh the Bidder shall continue to perform his obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The Bidder shall be excused from performance of his obligations in whole or part as long as such causes, circumstances or events shall continue to prevent or delay such performance.

4.11 TERMINATION:-

4.11.1 Termination on expiry of the CONTRACT: The Agreement shall be deemed to have been automatically terminated on the expiry of the Contract period unless the Registrar General, High Court of Madhya Pradesh has exercised its option to extend the Contract in accordance with the provisions, if any, of the Contract.

4.11.2 Termination on account of Force Majeure: Either party shall have the right to terminate the Contract on account of Force Majeure.

4.11.3 Termination on account of insolvency: In the event the Successful Bidder at any time during the term of the Contract becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt, then the Registrar General, High Court of Madhya Pradesh shall, by a notice in writing have the right to

terminate the Contract and all the Successful Bidder's rights and privileges hereunder, shall stand terminated forthwith.

- 4.11.4 Termination for breach of contract: A breach by the Successful Bidder of its obligations hereunder and such breach not being rectified by the Successful Bidder within 30 days of receipt of the Purchaser's notice intimating such breach. Upon termination, the Successful Bidder shall surrender all the data and materials belonging to the Purchaser.
- 4.11.5 Termination for delay: Successful Bidder shall be required to perform all activities/services as per tender document. If the Successful Bidder fails to do so, the Contract may be terminated by the Registrar General, High Court of Madhya Pradesh by giving 30 days written notice unless the Registrar General, High Court of Madhya Pradesh has extended the period with levy of Liquidated Damages, as per conditions of the tender.
- 4.11.6 The Registrar General, High Court of Madhya Pradesh may at any time terminate the Contract by giving 30 days' notice without assigning any reason.
- 4.11.7 Consequences of termination: In all cases of termination herein set forth, the obligation of the Registrar General, High Court of Madhya Pradesh to pay shall be limited to the period upto the date of effective termination. Notwithstanding the termination of the Agreement, the parties shall continue to be bound by the provisions of the Agreement that reasonably require some action or forbearance after such termination.
- 4.11.8 In case of termination of Contract herein conditions of the tender document the Contractor shall be put on holiday [*i.e. neither any enquiry will be issued to the party by the Registrar General, High Court of Madhya Pradesh against any type of tender nor their offer will be considered by the Registrar General, High Court of Madhya Pradesh against any ongoing tender(s) where contract between the Registrar General, High Court of Madhya Pradesh and that particular Contractor (as a bidder) has not been finalized*] for two years from the date of termination by the Registrar General, High Court of Madhya Pradesh to such Contractor.

4.12 ARBITRATION:-

In the event of any dispute or difference arising out or touching upon any of the terms and conditions of this contract and / or in relation to the implementation or interpretation hereof, the same shall be resolved initially by mutual discussion and conciliation but in the event of failure thereof, the same shall be referred to the Registrar General, High Court of Madhya Pradesh or his nominee. The sole arbitrator will be appointed by Hon'ble the Chief Justice, High Court of M.P. and the decision of the Arbitrator shall be final and binding on the parties. The arbitration shall be in Jabalpur and the Arbitrator shall give his award in accordance with "***The Arbitration and Conciliation Act, 1996***".

4.13 GOVERNING LAWS AND JURISDICTION:-

The Agreement shall be governed by the laws in force in India. Any dispute arising in relation to the Agreement shall be subject to the Jurisdiction of the Court at Jabalpur.

Section – V

5. SPECIAL CONDITIONS OF THE CONTRACT (SCC):-

5.1 GENERAL:-

The conditions given in this Section V, supplement the “Instructions to the Bidders” given in Section II & “GCC” given in Section IV and in case of any conflict, the conditions given herein shall prevail over those in Sections II and IV.

5.2 EQUIPMENTS AND SUPPORTING SOFTWARE:-

5.2.1 All the equipments / system and related software to be supplied shall conform to the relevant technical specifications as mentioned in Section-VII of this document.

5.3 SITE ACCEPTANCE TESTS (SAT):-

5.3.1 The Purchaser shall carry out the entire test detailed in the Acceptance test schedule to be furnished by the Contractor to confirm that the performance of the different modules, sub-systems and the entire installation satisfies the specification requirements. The Purchaser reserves the right to include any other tests which in his opinion is necessary to ensure that the equipment meets the specifications.

5.3.2 The Purchaser reserves the right to ask for modifications/additions to the Site Acceptance Test Procedure at any point of time till the Site Acceptance signoff at each location.

5.3.3 The Site Acceptance Tests shall cover the intended functioning of the equipments with proper integration with other sub components and software's.

5.3.4 The contractor shall carry out the Site Acceptance Tests in the presence and supervision of the Purchaser or its designated Officer / agency at the site. The contractor, at its own cost, shall provide the testing equipment/instruments/software programs necessary for performing and demonstrating the Site Acceptance Tests.

5.3.5 The Purchaser or its appointed testing authority shall supervise the tests at each site, as described in the Site Acceptance Test Procedure

and performed by the contractor to confirm that the complete solution at each site satisfies the requirement of specifications including the service performance.

- 5.3.6 The contractor shall rectify all deficiencies immediately, if found, in the performance of the system as per the requirement during the Site Acceptance Tests, at no cost to High Court of Madhya Pradesh, Jabalpur.
- 5.3.7 Any components or parts failing during the acceptance tests shall be replaced free of cost by the Contractor. These replacements shall not be made out of spares supplied by the Contractor as part of supplies under this Contract. This shall also not entitle the contractor to any extension of completion time.
- 5.3.8 The cost of all test and / or analysis shall be fully borne by the contractor. Material put up for inspection shall be those to be supplied and in quantities laid down in the Schedule of Quantities. Any variation shall require the prior approval of the Purchaser before the material is manufactured/ offered for inspection.
- 5.3.9 All material brought to site shall be permitted to be installed only after inspection and acceptance by the Purchaser.
- 5.3.10 The completed installation at all stages shall be subjected to checks and tests as decided by Purchaser. The contractor shall be liable to remedy all of such defects as discovered during these checks and test and make good all deficiencies brought out. The complete installation shall be taken over finally on successful commissioning in entirety.

5.4 CONSIGNEE AND SECURITY OF MATERIAL:-

Security of all material at the site where the work is in progress shall be the contractor's responsibility and he shall arrange to guard the same from theft/pilferage/vandalism. In the event of any loss the contractor shall be responsible for the same. Any stores lost, prior to formally taking over by the Purchaser, shall be made good by the contractor at no cost to the Purchaser.

Section – VI

6. SCOPE OF WORK:-

6.1 The Registrar General, High Court of Madhya Pradesh Jabalpur is interested to assign the task for Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur.

6.2 SUPPLY:-

Supply of all equipments, materials, components, accessories, mounting hardware, software, wires and cable for connection, etc. as per requirement of Madhya Pradesh State Judicial Academy.

6.3 INSTALLATION & WIRING:-

6.3.1 Installation & wiring of all equipments, components and accessories.
Installation of all necessary software's and drivers.

6.4 INSTALLATION PRACTICE AND METHOD OF WORK:-

6.4.1 The work shall be executed to the highest standards using best quality material. The system design shall use state-of-the art techniques/tools. The contractor shall ensure that the entire specification is complied with the technical specifications. It shall be the responsibility of the contractor to demonstrate compliance of technical as well as functional specifications. Meeting individual requirements shall not be deemed as meeting the overall efficient functioning of the total system.

6.4.2 The completed installation shall be subject to checks at all stages and tests as prescribed in the bid or as deemed necessary by the Registrar General. The same shall be done by the Purchaser and the contractor shall be liable to rectify such defects as brought out by the Purchaser during these checks and tests and make good all deficiencies at his own cost.

6.5 COMPREHENSIVE WARRANTY:-

The contractor will be required to maintain the installed systems for the period of **FIVE years after the taking-over certificate / installation certificate.**

6.6 WARRANTY TERMS AND CONDITIONS:-

- 6.6.1 The Contractor shall be solely responsible for the maintenance, repair of the whole equipments / items supplied and integrated and the Registrar General; High Court of Madhya Pradesh shall not be liable to interact with any of the partners/ collaborators of the Contractor.
- 6.6.2 The Contractor shall have adequate Technical Support Center to meet the criteria for fault restoration/faulty unit repair times as mentioned in the Section-VI. The Contractor shall furnish the names, locations, complete postal address, telephone numbers and FAX numbers of all Technical support Centers at the time of signing the Contract.
- 6.6.3 The Contractor shall also provide the name of alternate contact person or Technical Support Center with address & telephone / fax numbers / E-mail which may be contacted by the Registrar General, High Court of Madhya Pradesh or its authorized Officer / staff for support in case of no response/poor response from the designated Technical support center. This however shall not preclude from imposing the penalties, if any, as applicable as per the terms & conditions of this tender.
- 6.6.4 Any change in Address, Phone number, FAX Number, e-mail etc., shall have to be intimated in writing by the Contractor to the Registrar General, High Court of Madhya Pradesh, Jabalpur
- 6.6.5 The Contractor shall ensure that all the Technical support centers are manned by fully competent and responsible Engineers and are capable of attending faults / supporting their engineers at Madhya Pradesh State Judicial Academy, Jabalpur.

6.7 WARRANTY SERVICE LEVEL REQUIREMENTS – SLA:-

6.7.1 Service Hours:-

The Service window for all the equipments would be all working days from 09:00 A.M. to 06:00 P.M.

6.7.2 Scheduled Downtime:-

- (a) Scheduled downtime is defined as the period of time when software application will remain unavailable for conducting necessary preventive maintenance, urgent repairs etc. This is the maximum duration, which the Contractor can take for scheduled downtime purposes.
- (b) It will be expressed in hours.
- (c) The maximum scheduled downtime for any equipment would be 02 days in every calendar month.
- (d) The preventive maintenance would be carried out with a minimum advance notice of 48 hours in writing and subsequent acceptance of the same by Registrar General, High Court of Madhya Pradesh or officer who will execute the contract.

6.7.3 Mean Time To Resolve / solve the problem (MTTR): -

- (a) MTTR is defined as the arithmetic average of the time taken to attend to resolve the issues logged over a defined period of time.
- (b) The Severity Levels for measuring MTTR are provided in the following table:-

S. No.	Severity Level
1	High
2	Low

6.7.4 The various Service Level Requirements and related penalties for default are given below:-

Parameter	Details	Measurement Criteria	Penalties per day of delay / per fault / per occasion
<i>Mean time to resolve (MTTR)</i>	<i>(i) Within 48 working Hours from the call logging time – for all High Severity events (ii) Within 72 working hours from the time of attending the problem for all Low severity events</i>	<i>Calculation of fault duration per instance based on Fault Docket</i>	<i>(i) For High Severity events, Rs.1000/-. (ii) For Low Severity events, Rs.500/-. Delay will be counted in steps of one hour.</i>

- 6.7.4.1 The Successful Bidder needs to maintain the Service Levels as follows:
- (a) 99% of the times for the MTTR of High Severity Events
 - (b) 95% of the times for the MTTR of Low Severity Events
- 6.7.4.2 The penalty will be applicable on per fault basis even if there is a commonality of fault at any point causing full or part failure of services.
- 6.7.4.3 After the expiry of warranty, it shall be optional for Registrar General, High Court of Madhya Pradesh not to enter the contract further with the contractor. If Registrar General, High Court of Madhya Pradesh is not satisfied with the performance of the Contractor during Warranty it reserves the right to terminate the same during its currency, after **giving a notice** to the Contractor.
- 6.7.4.4 The Contractor has to maintain adequate spares for maintaining the SLA (Service Level Agreement) parameters as mentioned below. Any cost involved to meet the service level requirements specified above is to be borne by the Bidder.
- 6.7.4.5 In case the Service Level Requirements are violated continuously for a period of three months, the Purchaser reserves the right to terminate the Contract by giving a notice to the Successful Bidder.
- 6.7.4.6 **The preventive maintenance of all the installed equipments / products to be carried on yearly basis during the warranty period and the report is to be submitted to the Registrar General, High Court of Madhya Pradesh or his authorized officer.**

Section – VII

7. TECHNICAL SPECIFICATIONS:-

All the products/equipment/items supplied should be quoted with:-

- (i) *Five years comprehensive Onsite Warranty and support on all supplied equipments.*
- (ii) All the necessary required cables and other accessories.
- (iii) Enclose all product catalogues and technical brochures of the products / items along with **MANUFACTURER AUTHORIZATION FORM (MAF) addressed to the "Registrar General, High Court of Madhya Pradesh", Jabalpur (M.P.).**
- (iv) The bidder has to quote only 01 product of single make / brand at a time and not multiple brands for same item.
- (v) The Original equipment manufacturer can authorize more than one partner for participation in the bid.

The details of the Hardware articles along with technical specifications is enumerated as given below:-

S. No.	Items	Minimum Specifications* / Make
01.	Modern Class Room (Dimension 30.8 ft. x 50 ft)	Minimum Specification – “A”
02.	E-Class Room (Dimension 29.8 ft. x 48.6 ft)	Minimum Specification – “B”
03.	Interactive Debate & Conference Room (Dimension 30.6 ft. x 50.8 ft)	Minimum Specification – “C”
04.	Cyber Workstation for setup of forensic laboratory / specialized center	Minimum Specification – “D”

Note: - Please submit the product catalogue / brochure in above serial ORDER only.

“SPECIFICATION – D”

Cyber Workstation for setup of forensic laboratory / specialized center

S. No.	Item description	Minimum Parameters	Technical Compliance Yes/No
1	Processor	Intel® Xeon® w5-3435X Processor, 45M Cache, 3.10 GHz	
2	Processor Heat sink	Premium Air-cooled	
3	Chipset	W790	
4	RAM	64GB DDR5-4800 ECC RDIMM (Expandable Up to 2TB)	
5	Graphic Card	RTX 3060, 3584 Cuda Cores, 12 GB GDDR6 / NVIDIA® GeForce RTX™ 5070 12GB GDDR7 / higher or better specifications.	
6	Network Adapter	Intel® Dual Intel 10Gb Ethernet & Realtek 1GB Ethernet / Gigabit Ethernet, Realtek® RTL8168H, 1xRJ-45, PCIe®x1 /higher or better specifications.	
7	Operating System	Windows 11 64-Bit Professional.	
8	Power Supply	1300W 80 Plus Gold Certified; Fully Modular Power Supply.	
9	Write Blocker	Integrated write protection for IDE/SATA/SAS/FireWire/USB3.0/PCIe ports.	
10	Cable & Adapter Set	Should have Adapters/Cables for write protected ports: IDE Cable; Micro SATA Drive Adapter; Apple Blade-Type SSD Adapter; mSATA / M.2 SATA SSD Adapter; SATA LIF Drive Adapter; 1.8" IDE Drive Adapter; 2.5" IDE Drive Adapter; IDE ZIF Drive Adapter; PCIe card SSD adapter; PCIe M.2 SSD adapter; PCIe adapter for Apple SSD; PCIe U.2 SSD adapter cable; PCIe adapter for Apple SSD 2016+	
11	HDD Cooling	1 x Inserting/Extendable type integrated Drive Cooling Bay with SATA Writeblock function.	
12	SSD & HDD Drives	1 x 1TB SATA 6Gb/s SSD Drive for OS 1 x 1TB M.2 NVMe SSD for Temp 1 x 1TB SATA 6Gb/s SSD for Cache 1 x 4TB 7200RPM SATA 6Gb/s Hard Disk Drive for Data.	
13	Multi Card Reader	1x Write Blocked Multi-Card Reader Easy Accessible Read/Write Switching must be avoided to protect the accidental loss of Data Integrity of Evidence Flashcards.	
14	Front Mounted Drive Bays	Optical Disk Drive - 1x DVD Burner Drive 2 x SATA SSD for OS & Cache drives 1 x SATA for Data Drive.	
15	I/O Ports	Front Ports: Hub 1 = 4 x USB Rear Ports: 4 x USB.	
16	Audio	7.1 HD Audio with optical S/PDIF.	
17	Peripherals	24" LED monitor, Wired Keyboard & Mouse.	
18	Toolkit	Multi-Piece Security Toolkit to assist in Digital Evidence Gathering, CD containing system restore media.	
19	Product Repute	The product should be from a Reputed Brand.	

The details of the Hardware articles required along with technical specifications are enumerated as under:-

S. N.	Articles	Proposed Specifications	Specifi-cation "A"	Specifi-cation "B"	Specifi-cation "C"	Total Qty.
Audio (As per requirement of room size)						
1	DSP of make like BiAmp, BSS, Bose or Better or Equivalent Reputed Makes	Digital Signal Processor with 12 Analog Inputs (with 48v Phantom Power per Channel), 8 Analog Outputs, Open Architecture Configurable Signal Processing, Freely Assignable Acoustic Echo Cancellation for up to 12 inputs, Rich Palette of Processing and Logic Objects, 48 Channel Digital Audio Connectivity, Clear Front Panel LED Indication, Bi-Directional Locate Functionality, 12 Control Inputs and 6 Logic Outputs for GPIO Integration.	1	1	1	3
2	USB Bridge of make like Audient, MOTU, RME Better or Equivalent Reputed Makes	Compact desktop USB audio interface with 2 analog mic/line combo inputs supporting 48V phantom power and 2 balanced line outputs. Device shall support 24-bit/96kHz audio resolution with ultra-low latency performance. Must feature Smart gain auto-leveling technology and direct monitoring for real-time input monitoring. Unit shall include a stereo headphone output with independent volume control, and LED-based metering for input/output levels. Interface shall be USB 2.0 bus-powered and compatible with Windows, Mac OS without proprietary drivers.	1	1	1	3
3	Amplifier of make like Crown, Powersoft, Bose or Better or Equivalent Reputed Makes	4-channel digital power amplifier with 600W or better or above @ 4Ω/8Ω. Frequency response: 20Hz–20kHz (±0.25 dB), THD: ≤0.35%. Damping factor >1000, supports stereo/bridge modes, with onboard DSP including EQ, delay, crossover and limiters. Ethernet for control & monitoring with 48 Channel Digital Audio Connectivity.	1	1	1	3
4	Speaker of make like Bose, JBL, Renkus-Heinz or Better or Equivalent Reputed Makes	Passive column line array loudspeaker with 16 × 2" full-range drivers in straight-line configuration. Frequency Response (±3 dB): 100Hz - 20kHz, Horizontal coverage: 150° nominal. Power handling (continuous): 300W (1300W peak) or better, Maximum SPL (continuous): 118 dB or better Shall include a 70V/100V transformer with taps at 60W, 30W & 15W, The enclosure shall be reinforced ABS cabinet, and supplied with wall-mounting hardware.	4	4	4	12

5	Microphone (Wireless Presenter Set) of make like Shure, Sennheiser, AKG or Better or Equivalent Reputed Makes	Digital wireless microphone system comprising a bodypack transmitter with omnidirectional lavalier microphone and a digital wireless receiver. System shall operate in the UHF spectrum (450–910 MHz), with transmission range up to 100 meters (line of sight). Audio frequency response shall be 20 Hz to 20 kHz, with latency ≤1.9 ms and dynamic range ≥134 dB (A-weighted). Receiver shall support auto frequency coordination, Bluetooth app-based control, and provide balanced XLR and ¼” outputs. Transmitter shall be compact, belt-mountable, powered via AA batteries or rechargeable pack.	1	1	1	3
6	Microphone (Wireless Handheld) of make like Shure, Sennheiser, AKG or better or Equivalent Reputed Makes	Digital wireless microphone system comprising a handheld transmitter with dynamic cardioid capsule, and a digital wireless receiver. System shall operate in UHF spectrum (450–910 MHz), with a transmission range of up to 100 meters (line of sight). Audio frequency response shall be 20 Hz to 20 kHz, with latency ≤1.9 ms and 134 dB dynamic range (A-weighted). Transmitter shall include a mute switch and shall operate on AA batteries or rechargeable battery pack. Receiver shall support automatic frequency coordination, Bluetooth app-based control, and have balanced XLR and ¼” outputs.	1	1	1	3
7	Microphone (Wired Gooseneck) for Podium & Tabletop of make like Shure, Sennheiser, AKG or Better or Equivalent Reputed Makes	Professional gooseneck microphone system comprising a 40 cm or longer cardioid condenser microphone with RF shielding, paired with a base/stable table stand featuring an integrated programmable push-button. The microphone shall offer a frequency response of 50Hz to 20kHz, operate on 12–48 V phantom power, and use a 3-pin XLR connection. The base/stand shall support mounting on podium (1) & (2) Microphone for table top programmable button functions including push-to-talk, push-to-mute, toggle, and always-on modes, and shall include a bi-color LED ring for status indication. The base/table stand shall also offer logic outputs for remote control functions and accept microphones with standard 3-pin XLR connectors.	3	3	3	9
Display						
8	Interactive Touch Display	86" UHD Multi Touch Interactive Display with necessary Mounting Bracket; Native	1	1	1	3

	of make like LG, Samsung, Sony, Panasonic, BenQ, ViewSonic or Better or Equivalent Reputed Makes	Resolution: 3840 x 2160 (UHD); Brightness should be minimum 440cd/m2 with Interactive and protection Glass; Viewing Angle(H x V): 178 x 178; Input Ports: HDMI-3,USB(3.0)-3,USB-(2,0)-2,USB(C Type-1), OPS Slot-1,RS232-1, LAN-1 or Higher; Min Output Ports: Audio-1 & HDMI-1; Touch Accuracy: ±1 mm or less; Response Time: ≤5ms or better; Minimum 3T (Anti-Glare) or Higher as per OEM standard; Android 13 or Better; Minimum Internal Memory (64GB), Quad core A55, GPU-Mali G52MP2, RAM DDR 8GB or higher; Interactive features like Writing, Pen, Palm Erase, Screen Capture, Storage, Tool Bar, USB Block feature for safety, Dual Pen support. India Factory Certification ISO-9001:2015, BIS registered and RoHS Complied.				
9	Display Panel of make like LG, Samsung, Sony or Better or Equivalent Reputed Makes	55" UHD Display Panel with necessary Mounting Bracket; Native Resolution: 3840 x 2160 (UHD); Brightness should be minimum 400 Nits; HDR_HDR 10 Pro; Contrast Ratio: 1300:1; HDMI2.0 (3); Headphone out; AV IN; USB2.0; RF IN; Smart Share; Bluetooth, BIS certificate for Display Unit as per guideline, ISO-9001:2015.	2	2	2	6
Capture, Recording & Streaming						
10	Recording Camera of make like Poly, Cisco, Data Video, Panasonic, Axis or Better or Equivalent Reputed Makes	Professional-grade Auto-tracking PTZ camera with 1/2.5" CMOS sensor and support for Ultra HD 4K resolution at 60fps. Camera shall offer 20x optical zoom and up to 16x digital zoom, with horizontal viewing angle up to 60°. Outputs shall include HDMI 2.0 or USB, 3G-SDI, and IP streaming via RTSP/RTMP/SRT protocols. The unit shall support simultaneous video output over all interfaces and provide PoE+ for single-cable power, control, and video. Pan range shall be ±170°, tilt range -30° to +90°, with preset memory function (minimum 255 positions). The camera shall support VISCA, Pelco-D/P and ONVIF control over serial and IP.	2	2	2	6
11	Document Visualizer of make like AVER, VADDIO, WolfVision or Better or Equivalent Reputed	Desktop visualizer with native 4K UHD output (3840×2160, 4:4:4) at 30 fps and support for 1080p Full HD at 60 fps. The unit shall feature a 1/2.8" CMOS image sensor, 12x zoom (6x optical + 2x digital). Focus, brightness, white balance, and color settings shall be automatically or manually adjustable. Device shall include a built-in 3.5" touchscreen LCD (320×240 px) for preview	0	1	0	1

	Makes	and control, with support for image freeze, side-by-side comparison, and on-screen menu access. Pickup area shall be up to to 300 × 497 mm (max), with depth of focus up to 120 mm, and glare-free LED lighting requiring no adjustment. The system shall support HDMI input and output with 4K30 pass through and internal signal scaling. Includes 8 GB internal memory, support for external USB storage, and video recording at 1080p 30 fps. LAN streaming with audio shall be supported in RTP (H.264 and MJPEG) formats. Shall offer USB 3.0 device, USB 2.0 host, and LAN port, with support for UVC, PTP, and remote control via native app. Includes Kensington® lock and table lock bolt.				
12	Wireless Presentation System of make like Barco, WofVision, Crestron or Better or Equivalent Reputed Makes	Wireless presentation system with 4K UHD output resolution via HDMI and allow content sharing from laptops (Windows /macOS) and mobile devices (iOS /Android) using a USB-C/USB-A Dongle or native protocols like AirPlay, Google Cast, and Miracast. It shall support single-screen presentation with up to 2 users on screen simultaneously and enable presenter handover. The device shall offer enterprise-grade security, WPA2-PSK encryption, configurable access modes, and automatic firmware updates. Shall include one USB Dongle, with additional support for software-based sharing via native App. Connectivity: 1x HDMI out, 1x USB-A, 1x USB-C, 1x Ethernet LAN, built-in Wi-Fi (2.4 GHz & 5 GHz).	1	1	1	3
13	Streaming & Recording of make like AREC, WolfVision, DataVideo or Better or Equivalent Reputed Makes	Standalone media recording and streaming device capable of capturing, recording, and streaming multiple high-resolution sources simultaneously. The system shall support up to 4x4K UHD input sources and output at 4K/UHD 60fps resolution via HDMI and network. It shall record content in MP4 format with support for H.264 and H.265 video compression standards. System shall provide simultaneous recording and streaming with support for RTMP, RTSP, and MPEG-TS protocols, allowing concurrent output to multiple streaming platforms or servers. Shall include 2TB or better storage capacity either internally or using external SSD through SUB connectivity, expandable via network drives (SMB/NFS). It shall support live annotation,	1	1	1	3

		content playback, and scheduled or manual recording. Device shall feature a web-based GUI for setup and control, support LDAP/Active Directory authentication, and provide dual Gigabit LAN ports for isolated streaming/control networks. Integration via REST API or AV control protocols shall be supported.				
Switching & Control System						
14	HDMI Switcher of make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	4x4 HDMI matrix switcher supporting full cross-point routing of any 4 HDMI inputs to any 4 HDMI outputs simultaneously. Video Resolution: Up to 4K@60Hz (4:4:4); HDMI Version: 2.0b or better; DCP Version: 2.2 compliant on all inputs and outputs; Audio Management: Independent audio switching and HDMI audio de-embedding per output; EDID Handling: EDID capture and emulation per input; Switching Time: Fast switching architecture with <1 second transition time between sources; Control Interfaces: Support for TCP/IP, RS-232, and front-panel control, with integrated web-based GUI; Status Display: Front panel with OLED screen and individual source/output selection buttons; Diagnostics: Built-in signal presence detection and real-time switching feedback; Rack-mountable, with removable rack ears included.	1	1	1	3
15	Windowing Processor of make like Extron, AMX, Crestron, Matrox or Better or Equivalent or Equivalent Reputed Makes	4K@60 HDMI Windowing Processor with 4 HDMI inputs and 2 HDMI Outputs, Up to four simultaneous, freely scalable windows can be processed using 4x1 multi-windowing mode and can be used as a 4x2 matrix switcher, Video Resolution Support up to 4096 x 2160@ 60 Hz, Audio de-embedding for both outputs, Support for HDR10, HDCP 2.2 Compliant, Open API Control over IP and Serial, full Web GUI console, and front panel buttons.	1	1	1	3
16	Switching of make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	HDMI to USB capture device capable of converting up to 4K60 (4:4:4) HDMI signals to USB 3.0 UVC format for integration with soft codec applications such as Zoom, Teams, or Webex. Device shall provide HDMI 2.0 input and support resolutions up to 3840x2160 @ 60 Hz, with downscaling to 1080p or lower via USB. Shall comply with UVC 1.1 and UAC 1.0, allowing driverless operation with Windows, macOS, and Linux platforms. Audio from the HDMI input shall be	1	1	1	3

		embedded and transmitted over USB as a standard UAC signal. The device shall support plug-and-play operation, with no external power supply required.				
17	Podium C Type + Switching (for display) of make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	3×1 Switching and Transport Wall plate Kit comprising a wall-mounted 3×1 input module (2× HDMI, 1× USB-C) and a remote receiver unit. The system shall support 4K@60Hz (4:2:0) video resolution, with uncompressed signal transport over a single Cat6/6A/7 cable for up to 40 m at 4K and 70 m at 1080p. The switcher shall support both automatic and manual input switching. USB-C input shall support Display Port Alt Mode video. Receiver shall provide HDMI output, USB-A device port, RS-232, IR input, relay control, remote mute, and support for HDCP 2.2, EDID management, and CEC pass-through. The system shall support control and configuration via web-based GUI, TCP/IP, RS-232, and Telnet/SSH. USB extension shall support USB 2.0 up to 220 Mbps for interactive displays and peripherals. The system shall be powered using a 24V DC external power supply and support Power-over-Cable (PoC) to power the wall plate module.	1	1	1	3
18	Control Touch Panel of make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	10.1" high-resolution touch panel for room control and user interface applications. The panel shall feature a 1280×800 IPS display with capacitive multi-touch support, integrated processing, and network connectivity over Gigabit Ethernet. Shall support PoE/PoE+ power, eliminating the need for external power adapters. The unit shall run a secure, hardened Linux-based OS and support HTML5 web-based UI rendering for custom GUI deployment. Panel shall include proximity and ambient light sensors for automatic wake/sleep and brightness adjustment, and an LED bar with customizable feedback indicators. Mounting shall be possible on-wall, tabletop, or with VESA compatibility using optional accessories. Connectivity shall include 1x Ethernet (RJ45), 2x USB-C (service + expansion) and 1x micro SD slot. Shall support remote management and firmware updates via the control platform.	1	1	1	3
19	Control Keypad of	13-Button Ethernet Keypad featuring 13 push-buttons (12 single-width + 1	1	1	1	3

	make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	double-width bottom button) with blue LED indicators for active status. Bottom button shall be programmable as one or two independent functions. Shall communicate via 10/100 Mbps Ethernet and be powered via PoE, without requiring an external power adapter. Supports daisy-chain connection of up to three keypads on a single IP address.				
20	All-in-One Computer (for modular class room) of make like HP, Dell or Better or Equivalent Reputed Makes	Intel Core™ Ultra 7 processor (4.8Ghz) or better, 14th Gen, 60.5cm (23.8") diagonal FHD display with Intel UHD Graphics16 GB DDR5-5600mt/s RAM, 512 GB SSD Hard drive, Wired Keyboard + Mouse Combo, 5 MP camera, Windows 11Pro, Ext.Ports - 2 USB x 3.2 gen, HDMI in/out ports, 1xLAN RJ-45 port, 1 x USB Type-C port. EPEAT Gold Certificate, BIS registered, BEE / Energy Star certified and RoHS Complied and EPR Complied.	1 RC			1
21	Control Processor of make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	Automation Controller with Multi-Port I/O. The device shall include 4 serial ports (configurable RS-232, RS-422, or RS-485), 4 relay outputs (dry-contact), 4 IR/serial ports, 4 I/O ports configurable as analog or digital, and a separate isolated LAN 10/100 Mbps port. The embedded system shall operate on a secure Linux platform with 4 GB DDR3 RAM and 8 GB industrial-grade eMMC storage. It shall support simultaneous execution of scripts in JavaScript, Python, Groovy, and native Node-RED low-code flow programming. The front panel shall feature a USB-C programming port, USB-A host for storage/logging/IR input, and LEDs to indicate system, network, and I/O activity, including programmable ID indication. The device shall comply with ICES 003, CE EN 55032/35, IEC 62368-1, UL 62368-1, RoHS, and WEEE standards.	1	1	1	3
22	Extender of make like Extron, AMX, Crestron, Matrox or Better or Equivalent Reputed Makes	Ethernet-based serial port extender with 1× RS-232 and 1× configurable RS-232/RS-422/RS-485 port, supporting up to 115.2 kbps with flow control. Device shall be powered via IEEE 802.3af Class 1 PoE with no external adapter. Includes 10/100 Mbps Ethernet interface with DHCP/static IP and web-based configuration.	2	2	2	6
Digital Podium, USB Hub, HDMI Splitter & Presenter Remote						
23	Digital Podium of make like	Standalone Digital Podium: Mild Steel Material; Wheels with lock Smooth round	0	0	1	1

	ATDSC, PeopleLink or Better or Equivalent Reputed Makes	edge at the top; Tray For Keyboard; Single sliding tray with lock for protection of the Interactive Panel , Document Camera and Controller; Space for 22" Interactive panel with Motorized angle adjustment; Space for Document Camera; Drawer with lock for Document Camera; Shelf for keeping laptop or Documents; Locks for safety; Standard Rack to keep all the equipment and PC; RFID Lock mechanism; 19" Rack for storing equipment; Separate space for Vertical Desktop PC; Two Door system – One for Rack and other for PC; PC door with small window for On/Off; Front Door for Servicing; For placement of extra laptop or Document to show through Inbuilt Document Camera and for Presenter with Internal Lock. Lock Mechanism: 3 options in lock- Manual key, RFID and Biometric (finger) for better security and ease of use. Connectivity: 1 x Power Plug, USB-C; 2 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x LAN, 1 x Mono, 1 x Audio Video; Connectivity Ports at the bottom 1 x LAN, 1 x VGA, 2 x HDMI, 1 x Power Plug.				
24	Podium WorkStation of make like HP, Dell or Better or Equivalent Reputed Makes	Intel Core™ Ultra 7 processor (4.8Ghz) or better, 14th Gen, 60.5cm (21.7") diagonal FHD display with Intel UHD Graphics16 GB DDR5-5600mt/s RAM, 512 GB SSD Hard drive, Wired Keyboard + Mouse Combo, 5 MP camera, Windows 11Pro, Ext.Ports - 2 USB x 3.2 gen, HDMI in/out ports, 1xLAN RJ-45 port, 1 x USB Type-C port. EPEAT Gold Certificate, BIS registered, BEE / Energy Star certified and RoHS Complied and EPR Complied. The supplied Podium WorkStation to be 100% set with the Digital Podium specification as mentioned on point no. 23.	0	0	1	1
25	USB Hub of make like ATEN, AMX, InfoBit or Better or Equivalent Reputed Makes	4-port USB 3.0 hub ; Enables four computers to share USB peripheral up to four devices USB 3.2 Gen 1 compatibility with maximum data transfer rates up to 5 Gbps Multiplatform support - Windows, Mac and Linux Displays port focus via LED indicators Metal mechanical cassis with wall mountable design; Supports port selection via remote controller or RS-422 / RS-485 link through 5-pin terminal block; Supports hot plugging; Supports DC 9 - 24V power input through terminal block; Supports USB BC 1.2 and over current protection.	1	1	1	3
26	HDMI Splitter	2-Port True 4K HDMI Splitter; HDMI 2.0	1	1	1	3

	of make like ATEN, AMX, InfoBit or Better or Equivalent Reputed Makes	compliant; supports Deep Color, 3D, HDR and HDCP 2.2; Maximum resolution: 4096 × 2160 / 3840 × 2160 @60 Hz (4:4:4 color sampling); Maximum data throughput: 18 Gbps; Transmission distance: Up to 5 m at True 4K@60Hz (4:4:4); Audio Input: 1 x HDMI Type A Female; Output 2 x HDMI Type A Female				
27	Presenter Remote of make like Logitech, iBall, RTS, or Better or Equivalent Reputed Makes	Based on IR /RF /USB /Bluetooth /Laser Pointer /Wifi.	1	1	1	3
10KVA Online UPS						
28	10 KVA Online UPS of make like VERTIV, APC, Numeric, or Better or Equivalent or Equivalent Reputed Makes with Batteries of reputed make like Exide / Amara Quanta etc.	Single Phase 10KVA UPS; Capacity of 8000W/6000VA; Nominal Voltage 230 Vac (1 Ph+ N); Voltage Range 160 Vac-300 Vac (1-phase) @ 100% load; Frequency Range 46~54 Hz or 56~64Hz; Power Factor ≥ 0.99 @ 100% load; Configurable Output Voltage 208/220/230/240VAC; Output Frequency Range (Batt. Mode) 50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz; Harmonic Distortion ≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load); Waveform (Batt. Mode) Pure Sinewave; Battery Type: Lead acid/Tubular/Li-ion; Operation Humidity 0-95 % RH @ 0- 40°C ; Noise Level < 55 dB @ 1 meter; 4 Stage Extendable Charging Design for optimized Battery Performance; Intelligent Monitoring with Standard RS232/USB Port.	0	1	0	1
Cyber Workstation						
29	Cyber Workstation (for setup of forensic laboratory) of make like HP, Dell or Better or Equivalent Reputed Makes	As per “Specification – D”.	0	1	0	1
Projector (DLP /LCD)						
30	DLP /LCD Heavy duty universal Projector of Make like	6500 Lumens WXGA resolution, 5000:1, 3LCD / DLP projector with 2500 hours Lamp life, HDBaseT and HDMI connectivity. Compatible with Epson EB-G5 series lenses, Wide lens shift, manual vertical keystone	0	0	1	1

	EPSON /JVC /Panasonic or equivalent brand of repute for using existing screen size 12fx16f	correction, HDBaseT, Cinch audio in, RS-232C, Stereo mini jack audio in (4x), Stereo mini jack audio out, S-Video in, BNC in, Composite in, Display Port, HDMI in, VGA out, VGA in, Wireless Network, 10 Base-T, Wired Network.				
ITC						
31	AV Cables & Connectors of make like Aten, Belden, Kramer, Extron Krystal, Neutrik or Better or Equivalent Reputed Makes	HDMI, Speaker Cable, USB Cable, Racks, Connectors	1	1	1	3
32	IT Structured Cabling of make like Commrax, Commscope, Molex or Better or Equivalent Reputed Makes	Structured Cabling for Setting up 40 Computers (on need basis).	0	1	0	1
33	Installation, Testing & Commissioning with 05 Years Warranty on the System	Installation, Testing & Commissioning with 05 Years Warranty of all supplied system.				
Additional Items / Line Items						
1	Printer EPSON EcoTank L8180 Multifunction A3+ InkTank Photo Printer or better		0	1	1	2
2	WACOM Touch Panel of minimum 23" FHD or above or better (Model No. DTH 2452G1CX) with Pen or equivalent.		0	0	5	5

3	Mixer	Channels (Mono + stereo)	5 + 3	0	0	1	1
		Microphone inputs (XLR)	5				
		Auxiliaries (FX, AUX)	1 Post, 1 Pre				
		Max. single channel output power, dynamic-headroom, IHF-A • into 4 Ω • into 8 Ω	640 W 350 W				
		Max. dual channel output power, dynamic-headroom, IHF-A • into 4 Ω • into 8 Ω	2 x 600 W 2 x 340 W				
		Max. single channel output power, continuous, 1 kHz, THD = 1% • into 4 Ω • into 8 Ω	500 W 280 W				
		Maximum midband output power, 1 kHz, THD = 1%, dual channel • into 4 Ω • into 8 Ω	2 x 450 W 2 x 270 W				
		Rated output power, 20–20000 Hz, THD < 0.5%, one channel loaded • into 4 Ω • into 8 Ω	2 x 400 W 2 x 240 W				
		Max. output power, Direct Drive mode (bridge configuration), continuous, 1 kHz, THD = 1% • into 12 Ω	680 W				
		Maximum output voltage, power amplifier, 1 kHz, no load • Dual channel mode • Direct Drive mode	52 Vrms 100 Vrms				
		THD, at 1 kHz, MBW = 22 kHz • MIC input to master A L/R outputs, +10 dBu, typical • MIC input to speaker output	< 0.015% < 0.15%				
		DIM 30, MIC input to speaker output, 3.15 kHz, 15 kHz	< 0.05%				
		IMD-SMPTE, MIC input to speaker outputs, 60 Hz, 7 kHz	< 0.15%				
		Frequency response, -3 dB, ref. 1 kHz • Any input to any Mixer output • Any input to Speaker output	15–22000 Hz 20–22000 Hz				
		Crosstalk, 1 kHz • Amplifier Ch1/Ch2 • Channel to channel	< -85 dB < -78 dB				
		Microphone mute switch attenuation	> 100 dB				
		Channel VOL and FX/AUX-send attenuation	> 85 dB				
		CMRR, MIC input, 1 kHz	> 80 dB				
		Input Sensitivity, all level controls in max. position • MIC • LINE (mono) • LINE (stereo)	-65 dBu (435 μ V) -45 dBu (4.35 mV)				

	• CD (stereo)	-27 dBu (34.6 mV) -27 dBu (34.6 mV)				
	Maximum level, mixing desk, input VOL down, output VOL up • MIC inputs, GAIN at min. position • Mono line inputs, GAIN at min. position • Stereo line inputs • PHONES outputs • MASTER A, B, AUX outputs	+11 dBu +30 dBu +26 dBu +21 dBu +11 dBu				
	Input Impedances					
	• MIC	2 k Ω				
	CD	10 k Ω				
	All other inputs	> 15 k Ω				
	Output Impedances					
	• Phones	47 Ω				
	• All other outputs (impedance balanced)	150 Ω				
	Equivalent input noise, MIC preamp, A-weighted, max. gain, 150 Ω	-129 dBu				
	Noise, Channel inputs to master A L/R outputs, MBW = 22 kHz, A-weighted					
	• Master volume down	-99 dBu				
	• Master volume center, all channel volume down	-90 dBu				
	• Master volume center, all channel volume center	-85 dBu				
	Signal/noise-ratio, power amplifier, A-weighted, 450 W, 4 Ω	104 dB				
	Output stage topology, amplifier	Class D				
	Equalization					
	• LO shelving	± 15 dB / 60 Hz				
	MID peaking	± 12 dB / 2.4 kHz				
	HI shelving	± 15 dB / 12 kHz				
	Master EQ 7-band (63, 160, 400, 1k, 2.5k, 6k, 12k Hz)	± 10 dB / Q = 1.5				
	Filter					
	• Low cut, microphone processing (switchable)	80 Hz, 18 dB/oct. or 150 Hz, 12 dB/oct.				
	• Low cut, amplifier (engaged in 100 V Direct Drive mode)	50 Hz or 70 Hz, 18 dB/oct.				
	• Speaker processing	LPN, switchable				
	Delay master B, selectable	0–145 ms (0–50 m)				
	Effects					
	• Type	Stereo 24/48-bit multi effects processor				
	Effects presets	32 factory pre-sets, user editable				
	Remote control	Footswitch				
	Display	128 x 64 pixels, LCD				
	Audio player (USB at front panel)					
	• USB mass storage class, supported file systems	FAT 32				
	Supported audio file formats	MP3, WAV				
	Interface	USB2.0, female type A				
	USB power supply, max. rated current (short circuit proof)	5 V, 500 mA				
	Digital Audio Interface (USB at rear panel)					

		• Channels	2 in, 2 out				
		AD/DA conversion	16-bit, delta-sigma				
		Sampling rate	32/44.1/48 kHz				
		PC interface	USB2.0, female type B				
		Protection • MASTER A, B, AUX outputs	Adjustable peak limiters, -10 – +11 dBu				
		Amplifier	Audio limiters, high temperature, DC, HF, short circuit, peak current limiters, turn-on delay, back EMF				
		Switching mode power supply (µC controlled)	Inrush current limiters, mains over / under voltage, mains over current, high temperature				
		Cooling	Continuous speed controlled fan				
		Phantom power, switchable	48 V DC				
		Power requirements (SMPS with auto range mains input)	100–240 V AC, 50–60 Hz				
		Power consumption, at 1/8 maximum output power, 4 Ω	180 W				
		Safety Class	I				
		Operating temperature	5° to 40° C (40° to 105° F)				
		Product dimensions (Width x Height x Depth)	395 x 244 x 241 mm, Rack-mount: 483 x 223 x 310.3 mm (7 HU)				
		Weight • Net weight • Shipping weight	4.9 kg 6.4 kg				

Note: -

1. All the above technical specifications should be read as equivalent or better / higher side. The bidder may quote equivalent or better / higher specifications and please mention the same in compliance column of compliance sheet.
2. In finalization of specifications' the decision of the High Court of Madhya Pradesh, Jabalpur will be final and binding on all.
3. The bidders are requested to have a visit at site / MPSJA, Jabalpur before quoting the Financial Bid.

Section – VIII

Detail Break up of Cost*

Name of the Bidder:

Rate contract of Hardware items

S. No.	Item Description	Make and Model	Unit Price (In Rs.)	GST Applicable (In Rs.)	Sales / Service Tax (In Rs.) as applicable any other duties / taxes	Total Unit Price (All inclusive) with 05 years on-site warranty for items (In Rs.)	*Approx. no. of Items* (the number of items may increase / decrease depending upon the final requirement and setup)	Total Cost (In Rs.) (All inclusive)
01	02	03	04	05	06	07	08	09 = 08x07
Audio (as per requirement of room size)								
1	DSP – (Digital Signal Processor with AEC)						3	
2	USB Bridge – (USB Audio Bridge for VC Audio)						3	
3	Amplifier – (4 Channel Digital Power Amplifier to drive speakers)						3	
4	Speaker – (Column Loudspeaker)						12	
5	Microphone – (Wireless Presenter Set)						3	
6	Microphone – (Wireless Handheld)						3	
7	Microphone – (Wired Gooseneck for Podium & Tabletop)						9	
Display System / Panels								
8	Interactive Touch Display – (86" UHD Multi Touch Interactive Display with necessary Mounting Bracket.)						3	
9	Display Panel – (55" Ultra HD Digital Signage with necessary Mounting Brackets).						6	
Capture, Recording & Streaming								
10	Recording Camera – (HDMI/USB 4K PTZ, 20 X Cameras with Auto Tracking Feature).						6	
11	Document Visualizer –						1	

	(Native 4K UHD (60fps) Visualizer, 24x Zoom (12x optical), 4K UHD Streaming and recording).							
12	Wireless Presentation System – (Wireless presentation system with HDMI, USB-C, 4K video, and collaboration features).						3	
13	Streaming & Recording – (Enables Capture, mixing, switching, recording, streaming, and upto 2TB backup of 2CH 4K UHD or up to 4CH Full HD video sources).						3	
Switching								
14	HDMI Switcher – (8x8 4K60 HDMI Switcher)						3	
15	Windowing Processor – (4x1+1 4K60 HDMI Windowing Processor)						3	
16	Switching – (HDMI to USB 3.0 capture device; support 4K60 4:4:4 video and HDCP 2.2, standard UVC interface and control, etc).						3	
17	Podium C Type + Switching (for display) – (3x1 Switching, Transport, and Control Solution for Podium Connectivity).						3	
Control System								
18	Control Touch Panel – (10.1" inch Professional - Grade Touch Panel).						3	
19	Control Keypad – (13 Button Keypad Control).						3	
20	All-in-One Computer (for modular class rooms) – Intel Core™ Ultra 7 processor (4.8Ghz) or better, 14th Gen, 60.5cm (23.8" or above).						8	
21	Control Processor – (Controller with 4 Serial, 4 IR, 4 IO, 4 Relay).						3	
22	Extender – (Universal Control Extender with 2 Serial Ports).						6	

Digital Podium, USB Hub, HDMI Splitter & Presenter Remote							
23	Digital Podium – (Mild Steel featuring a lockable drawer, a shelf for laptops or documents, and a 19" rack for equipment storage).						1
24	Podium WorkStation						1
25	USB Hub – (4-port USB 3.0 hub with individual port switches, compact design).						3
26	HDMI Splitter – (2-Port True 4K HDMI Splitter).						3
27	Presenter Remote.						3
10KVA Online UPS							
28	Online UPS – (10 KVA Online UPS with Batteries of reputed make like Exide / Amara Quanta etc.						1
Cyber Workstation							
29	Cyber Workstation (for setup of forensic laboratory) - As per "Specification – D".						1
Projector (DLP/LCD)							
30	DLP /LCD Heavy duty universal Projector of Make like EPSON/JVC /Panasonic or equivalent brand of repute for using existing screen size 12fx16f						1
Installation & Commissioning Charges							
31	AV Cables & Connectors – (HDMI, Speaker Cable, USB Cable, Racks, Connectors).						3
32	IT Structured Cabling - Structured Cabling for Setting up of 40 Computers (on need basis).						Lumpsum
33	Installation & Commissioning Charges (as applicable).						Lumpsum
Total Rs. in Words _____							
Additional Items / Line Items Table-B							
01	Printer EPSON EcoTank L8180 Multifunction A3+ InkTank Photo Printer or better						2

02	WACOM Touch Panel of minimum 23" FHD or above or better (Model No. DTH 2452G1CX) with Pen or equivalent.						5	
03	Mixer						1	

The financial bids are to be submitted in online mode only and no hard sheet/ copy is to be submitted along with the bid. The project shall be decided on lumpsum basis.

Note:-

1. The successful bidder shall be finalized on the basis of only "Table-A". The "Table-B" is line item for the purchase of items by the Madhya Pradesh State Judicial Academy.
2. The High Court of Madhya Pradesh shall have full right to accept or reject any bid, without assigning any reason thereof.
3. All the pages of the bids and Annexure's are to be sealed and signed by the authorized officers of the company / vendor.
4. All prospective bidders are requested to submit the bid with all relevant documents in sequenced manner, without fail.
5. In case of further query /clarification, please visit at High Court of Madhya Pradesh, Jabalpur.
6. On introduction of new levy / taxes / duties the rate / price of items shall be changed in same proportionate.
7. The Original equipment manufacturer (OEM) may authorize more than one partner for participation in the bid.
8. In case of Display Panel, the OEM should have Authorized Service Centre in State Capital / High Court Place for proper service support of Display Panels.
9. The delivery and installation time is maximum 60 days to complete the project from date of Purchase Order / Work Order. In case of exceptional circumstances/ Act of God, the time extension may be given by the High Court of Madhya Pradesh on case to case basis.
10. The total price of commercial bid inclusive of all taxes & expenses for **05 (Five) years** free on-site maintenance & support shall be taken as the basis for evaluation of commercial bids. In case of any discrepancy in the tax factor, the basic product price shall be taken in to consideration for finalization of bids.

Form: PQ-1

Techno-commercial Bid

S. No.	Description	Indicate also page number where clearly the document attached
1.	Name, address & telephone number of the agency/firm	
2.	Name, designation, address & telephone number of authorized person	
3.	Please specify as to whether Tenderer is sole Proprietor/Partnership Firm/Private or Limited Company.	
4.	Name, address & telephone number of Directors/Partners, Fax No., e-mail address.	
5.	Copy of PAN Card, Copy of previous 03 Financial Year's Income tax return (ITR) Year 2022-2023, 2023-2024 & 2024-2025.	
6.	Valid ISO 9001 Certificate of products (Please attach copy)	
7.	GST Registration No. (Please attach copy).	
8.	Latest GST Return (Please attach copy of latest month GST return certificate).	
9.	Experience Certificates / details of last 05 years in providing supply & installation of Computer Hardware articles /Display Boards /Interactive Panels and other related IT Equipments in Central Government /State Government /Public Sector Undertakings /Autonomous Bodies /Reputed Private organizations. (Please attach copy)	
10.	Online Bid Security/Earnest Money Deposit: a) Amount: Rs..... b) Reference No. : c) Date of issue:	
11.	Online Tender Fees details a) Amount: b) Reference No. : c) Date of issue:	

Form: PQ-2
BIDDER'S ANNUAL TURNOVER

_____ (Location)

_____ (Date)

From (Name & Address of the Auditor)

Pradesh,

To,

The Registrar General,

High Court of Madhya

Jabalpur

Ref.: _____

Dear Sir/Madam,

We hereby certify that the average annual turnover of M/s.
_____ (name of the bidder) is not less than Rs. **02 Crore**
during the last three financial years.

S. No.	Firm	Year 2022-2023	Year 2023-2024	Year 2024-2025
		Amount	Amount	Amount
1.				

Yours Sincerely,

(Signature of Authorized Auditor)

Name of the Authorized Auditor:

Seal:

Form: PQ-3

SIMILAR WORK EXPERIENCE

(Location) _____

_____ (Date)

From (Name & Address of the Bidder)

Pradesh,

To,
The Registrar General,
High Court of Madhya

Jabalpur.

Subject: Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur.

Ref.: _____

1. We hereby declare and confirm that we, _____ (Name of the Bidder), having registered office at _____ (address) have successfully executed following projects. We are providing the details below: (Note: add rows as required).

S. No.	Name of the client organization	Purchase Order (P.O) No. & Date of issue of P.O.	Project Value	Brief Scope of Work	Whether the copies of the purchase orders / contracts from the client as required, is attached?	
					Yes/No	Pg. No. on the Proposal

Yours Sincerely,

(Signature of Authorized Signatory)

Name and Designation of the Authorized Signatory:

Name and address of the Bidder Company:

Seal:

Note:-Please clearly indicate the page numbers with documents.

Annexure - 1

Clause by Clause compliance statement on the technical specification as prescribed in the section VII of this document.

Sl. No.	Clause no.	Complied / Not complied

Annexure - 2

DEVIATION STATEMENT FORMAT

The Bidder is required to provide the details of the deviations of the tender clauses **(in any section of the tender)** in the following format.

Sl. No.	Section No.	Clause No	Clause Description	Non Compliance/ Partial Compliance	Remarks

PART – I
BID FORM (1 sheet)

Tender No. :

Date:

To,

**The Registrar General
High Court of M.P.,
Jabalpur (M.P.)**

Respected Sir,

1. Having examined the conditions of contract and specifications in the tender document and annexure, the receipt of which is hereby duly acknowledged, we, undersigned, offer to Supply & Installation of Hardware Articles for setup of Modern Class Room, lecture theater technology Intervention room, e-Class room and cyber forensic laboratory / specialized center at Madhya Pradesh State Judicial Academy, Jabalpur for the sum shown in the schedule of prices attached herewith and made part of this Bid.
2. We undertake, if our Bid is accepted, to complete delivery of all the items specified in the contract within the delivery schedule specified in the tender.
3. If our Bid is accepted, we will obtain the unconditional performance guarantees of a Nationalized/Scheduled Bank for a sum 05% of the purchase / contract value.
4. We agree to abide by this Bid for a period of **180 days** from the date fixed for Bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Until a formal Purchase Order of Contract is prepared and a contract is executed accordingly, this Bid together with your written acceptance thereof in your notification of award shall constitute a

contract binding on us, subject to terms and conditions mentioned in the tender document.

6. Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.
7. We understand that you are not bound to accept the lowest or any bid, you may receive and you may reject any bid without assigning reason therefore and you may vary, amend or alter any terms and conditions of the Tender Document at the time of execution of the Contract.

Dated this day of 2025

Name and Signature

In the capacity of

Duly authorized to sign the bid

for and on behalf of

Witness

Address

Signature

CERTIFICATES

WE CERTIFY THAT:-

1. We will not LEAK / DISCLOSE any information of High Court of Madhya Pradesh to any other institutions/organizations, bodies and also in the market on the rates less than the prices quoted by us to the High Court.
2. The rate of TAXES / DUTIES mentioned in the tender is in accordance with the provisions of the rules in all respects and the same is payable to the Authorities.
3. The material / items and software offered shall be of the best quality strictly in accordance with the specifications and particulars as detailed in the tender.
4. The information furnished by us in the tender are true and correct to the best of our knowledge and belief.
5. We have read and understood the rules, regulations, terms and conditions of tender as applicable from time to time and agree to abide by them.
6. We will meet 100% Confidentiality and Integrity of High Court Database and software.

Authorized Signatory

(Seal of the Company)