

जीवाजी विश्वविद्यालय, ग्वालियर

क्रमांक/एफ./जे.यू./स्टोर/2026/11

दिनांक: 09/04/2026

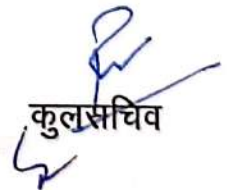
ई-निविदा आमंत्रण सूचना

जीवाजी विश्वविद्यालय में उपकरण/सामग्री क्रय करने हेतु अधिकृत विक्रेता अथवा निर्माता से <https://mptenders.gov.in> पर ऑनलाइन निविदायें आमंत्रित की जाती हैं।

क्र.	टेण्डर आई.डी. क्रमांक	उपकरण/सामग्री	निविदा की अनुमानित लागत	ऑनलाइन धरोहर राशि	निविदा प्रपत्र की कीमत
1	2026_JIWAJ_497900_1	MULTIMEDIA PROJECTOR	20,00,000/-	60,000/-	2,000/-
2	2026_JIWAJ_497901_1	SMART CLASS ROOM	1,40,00,000/-	4,20,000/-	12,500/-

निविदा प्रपत्र एवं निविदा की समस्त शर्तों का अवलोकन विश्वविद्यालय की वेबसाइट www.jiwaji.edu पर भी किया जा सकता है।

- ऑनलाइन निविदा क्रय करने की प्रारम्भ दिनांक 10.04.2026 तक 11:00 AM से
- ऑनलाइन निविदा क्रय करने एवं जमा करने की अंतिम दिनांक 30.04.2026 तक 5:00 PM तक
- ऑनलाइन टेण्डर (प्राइज बिड) खोलने की दिनांक 04.05.2026 तक 11:00 AM तक
- निविदा की शेष तिथियाँ सम्पूर्ण जानकारी, शर्तें एवं समस्त संशोधन केवल उपरोक्त दर्शाई गई वेबसाइट पर देखी जा सकती हैं इस हेतु अलग से कोई विज्ञापन/समाचार पत्रों में प्रकाशित नहीं किया जायेगा।
- कार्य/सामग्री की मात्रा कम/ज्यादा भी हो सकती है।
- निविदा स्वीकृत/अस्वीकृत/निरस्तीकरण या संशोधन के अधिकार कुलसचिव, जीवाजी विश्वविद्यालय, ग्वालियर के पास रहेंगे।


कुलसचिव

NOTICE INVITING TENDER DETAILS

S. No.	Description							
1.	Department Name	Jiwaji University, Gwalior - 474011 (M.P.)						
2.	Tender Subject	Supply, Installation & Commissioning of Smart Class Room						
3.	Tender type	Open						
4.	Tender Category	Products/Equipments/item (both hardware and software)						
5.	EMD/Bid Security (INR)	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Description of Equipment/Item</th> <th>EMD (INR)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td align="center">Smart Class Room</td> <td align="center">Rs. 4,20,000/-</td> </tr> </tbody> </table>	S. No.	Description of Equipment/Item	EMD (INR)	1.	Smart Class Room	Rs. 4,20,000/-
S. No.	Description of Equipment/Item	EMD (INR)						
1.	Smart Class Room	Rs. 4,20,000/-						
6.	EMD/Bid security Payable to	Registrar, Jiwaji University, Gwalior -474011 (M.P.) EMD has to be paid online through www.mptenders.gov.in						
7.	Tender Fee (non-refundable)	The tender fee to be submitted online through www.mptenders.gov.in paid in the favor of Registrar, Jiwaji University, Gwalior.						
8.	Downloading of Tender Documents	www.mptenders.gov.in / www.jiwaji.edu						
9.	Submission of E-Bid	www.mptenders.gov.in For any delay, University cannot be held responsible.						
10.	Price Bid Opening	www.mptenders.gov.in						
11.	Place of Technical Bid Opening	Administration Block, Jiwaji University, Gwalior (M.P.)						
12.	Officer Inviting Bids/Contact Person	Registrar, Jiwaji University, Gwalior - 474 011, (M.P.)						
13.	Eligibility Criterion	As per " Special Terms and Conditions "						
14.	Procedure For Bid Submission	e-BID has to be submitted through www.mptenders.gov.in . along with the documents as per " Special Terms and Conditions ". The bidding documents have to be submitted to: The Registrar, Jiwaji University, Gwalior - 474011(M.P.) Note: Registrar will not hold any risk and responsibility for non-visibility of the scanned document or the loss of documents in transit.						
15.	General Terms and Conditions	As per tender document						

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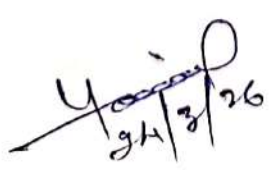
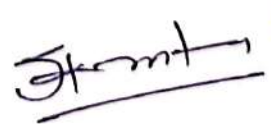
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24/3/26

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SPECIAL TERMS AND CONDITIONS

1. The Company/ the tenderer should be in existence for the last 5 years.
2. The Company or tenderer should have at least one Service Centre in India.
3. The tenderer should be a Manufacturer or the authorized distributor/dealer of the equipment/item manufacturer.
4. The supplying firm should have an average annual turnover of at least **Rs. 1,40,00,000/- (Rupees One Crore Forty Lac only)** for the last three financial years preceding the date of tender. Copy of Audited Balance Sheet of the firm with Audit Report / CA certified turnover certificate with UDIN number / Copies of GST Return should be submitted as a proof.
5. **Delivery Period:** The delivery should be made within 30 days from the date of receipt of purchase order by the tenderer.
6. **Warranty:** All items/equipments supplied by the tenderer shall be under on-site Comprehensive warranty for a period as specified in the "Technical Bid" from the date of installation by the manufacturer or its representative. Comprehensive warranty should explicitly include all spare parts and system consumable parts. Any repair work or replacement of spares needs to be done on site and the manufacturer must confirm this in the quotation.
7. **Installation:** The installation should be done at the respective Laboratories as mentioned in the Annexure – 01 at no extra cost.
8. **Response Time:** The response time of the tenderer to attend to any complaint upon receipt of the complaint/information from the user should not be more than 48 hours.
9. Advance payment either direct or through bank will not be accepted in any case. As per rule, full payment will be made after receipt of material, inspection thereof and after satisfactory installation and working of the entire equipment/item. LC will be opened in case of imported equipments/items, if quoted in foreign Currency. The currency quoted must be of the country of origin.
10. Taxes will be applicable as per State/Central government guidelines.
11. The bidder shall be responsible for getting the consignment cleared and deliver the goods. The expenses on it and concessional duties, if any should be included in the cost of the equipment/item.
12. The tenderer should avoid the use of vague terms such as "extra as applicable". Such tenders will be rejected.
13. Printed conditions on the back of the offer submitted will not be binding unless separately mentioned.
14. Quotations for the accessories to be considered together as one unit and thus total price shall be treated as your bid for the tender. Optional items may be quoted separately. Where the equipment/item offered is controlled by a preloaded personal computer and it is possible to use an indigenous PC, the same should be quoted instead of an imported PC. The same would apply to a printer or any compiled other accessory or subsystem.
15. **Following documents should be submitted along with the bidding form otherwise the tenders are liable to be disqualified:**
 - i. Proof of Registration/Incorporation Certificate indicating that the Company/the tenderer is in existence for the last 5 years.

- ii. Supporting Documents indicating that the tenderer is the Manufacture or the Authorized dealer of the corresponding equipment / item Manufacturer.
- iii. Supporting documents for registration of the Micro & Small Enterprises (MSEs) and Start-Ups of Madhya Pradesh only for the tendered items, if applicable.
- iv. Copy of PAN No. issued by Income tax department and IT returns for the last three financial years preceding the date of tender.
- v. Copies of GST Registration Certificate and GSTR 3B of last three months.
- vi. Proof of average annual turnover for the last three financial years preceding the date of tender (copies of Audited Balance Sheet of the firm with Audit Report / CA certified turnover certificate with UDIN number / Copies of GST Return).
- vii. Supporting document indicating that the Company or tenderer have at least one Service Centre in India.
- viii. List mentioning the addresses and contact persons with phone numbers of the Service Centers.
- ix. The list of customers, to whom the bidder had supplied identical materials in the past.
- x. Declaration on Rs. 500/- notarized stamp paper as per Annexure – 07.
- xi. Online EMD submission slip drawn in favor of "Registrar, Jiwaji University, Gwalior.
- xii. 'Special Terms and Conditions' duly signed & office Seal affixed as a token of acceptance of Special Terms and Conditions.
- xiii. Documents in supports of Technical Specifications for the equipment/item as mentioned in Annexure – 02, clearly mentioning the make and model.

Note:

- I. The Registrar, Jiwaji University, Gwalior will not hold any risk and responsibility for non-visibility of scanned document or non-receipt of hardcopies or loss in transit.
- II. The Documents that are received in time will only be considered for Technical Bid Evaluation.
- III. The tenderer will be disqualified at any stage of the tender process, if found to have mislead or furnished false information in the Forms/Statements/Certificates submitted in proof.
- IV. The Registrar, Jiwaji University, Gwalior does not bind himself to accept the lowest or any tender and he reserve the right to reject any offer without assigning any reason.

16. Each page of the tender should be signed and stamped by the bidder.

**TENDERER
Signature & Seal**

(Signature)
Yashwanth
 24/3/26
(Signature)
 (Seal)

'INSTRUCTIONS TO BIDDERS'

The Instructions given below must be read very carefully, as failure in compliance with any of these may render the offer liable for rejection. If a bidder has any doubt about the meaning of any stipulation herein, General Purchase Condition, specification of materials or any other enclosed document, he should immediately obtain the clarification/information in writing.

1. Earnest money Deposit (EMD)

- 1) E-Tender shall be submitted online along with an earnest money without which tenders will not be considered. The amount should be deposited online.
- 2) The Micro & Small Enterprises (MSEs) and Start-Ups of Madhya Pradesh registered for the tendered items shall be exempted from payment of Earnest Money under provisions of M. P. Bhandar Kraya Niyam and Sewa Uparjan Niyam 2015 (as amended in 2022).
- 3) Refund of earnest money:
 - a. The earnest money of unsuccessful tenderer shall be refunded soon after finalization of Tender.
 - b. The earnest money of successful tenderer shall be refunded after installation and commissioning of the equipment/item supplied at site and after furnishing of Performance Bank Guarantee.
- 4) The EMD shall be forfeited, if:
 - a. Bidder withdraws the bid before expiry of its validity.
 - b. Successful bidder does not accept the order or fails to enter into a contract within validity period of offer.
 - c. Successful bidder fails to furnish Security Deposit within one month of intimation/ date of issue of Purchase Order.

2. Acceptance of University Payment Terms:

The Standard Payment terms shall be –

- I. 100% of all inclusive prices of the materials will be paid on receipt and acceptance of the material in good condition, installation and commissioning of the equipment/item supplied at site and after furnishing of Performance Bank Guarantee equal to 3% of the tender value in cash or Demand Draft, FDR, Banker's Cheque and Irrevocable Bank Guarantee of any Commercial Bank.
- II. LC will be opened in case of imported equipments/items if quoted in foreign Currency. The currency quoted must be of the country of origin. Company/bidder should attach a letter in a sealed envelope stating in which currency they have quoted the price in price bid form.

3. Price Basis:

The prices quoted shall be on FOR destination basis as per annexure-01 and also shall include:

- a) Transit Insurance
- b) All Taxes, Duties and Levies.

4. Delivery:

The Supply, Installation, and Commissioning of the material: The bidder shall offer his best, realistic and firm delivery, which shall be specific and guaranteed. Delivery period shall be reckoned from the date of P.O. which is the first intimation of acceptance of bidder's offer. Final date of delivery shall be evidenced by date of dispatch of materials as per transporter's Lorry Receipt/Goods Receipt/RR/PWB/AWB. For delivery beyond contractual delivery period, provisions of 'General Purchase, conditions' shall apply.

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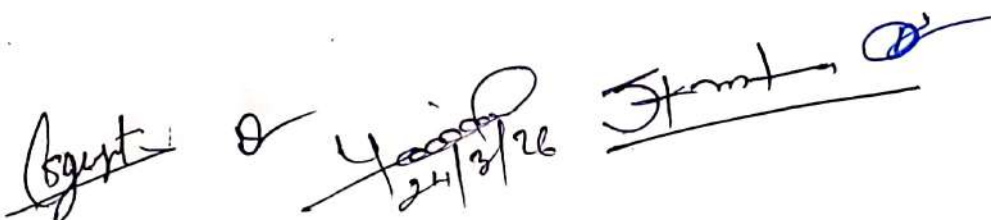
5. It is not binding on university to accept the lowest or any bid. The University reserves the right to place orders for individual items with different bidders and to revise the quantities at the time of placing the order and in such event also, the quoted rates, terms and conditions shall apply. The order for the materials may also be split up between different bidders to facilitate quick delivery of critically required materials. University further reserves the right to accept or reject any/all bids without assigning any reason thereof. Final decision on bids also depends on the components/accessories/additional features offered.
6. Orders placed against this tender enquiry shall be subject to 'General Purchase Conditions of University, copy of which is enclosed. Bidders are requested to confirm acceptance of these conditions into in their offer.
7. Make/Brand of items offered shall be specified failing which offers are liable to be rejected. It shall be appreciated if one copy of detailed descriptive literature/ pamphlets is enclosed along with the offer which may help technical evaluation. In a case material offered is ISI Marked /tested at any Govt. Recognized test house; copies of relevant certificates shall be furnished along with the offer.

GENERAL PURCHASE CONDITIONS

SECTION – I

GENERAL

1. The following terms and expressions used herein shall have the meaning as indicated therein Supplier / Vendors; shall mean the individual firm or partnership firm or company whether incorporated or otherwise in whose name the purchase order is addressed and shall include its permitted assignees and successors. Purchaser shall mean Registrar Jiwaji University, Gwalior – 474011.
2. **Reference:** The purchase order number must appear on all the correspondence, packing slips, invoices, drawing or any other document or paper connected with the purchase order:
3. **Waiver:** Any waiver by the purchaser of the terms and conditions of the purchase order shall not constitute any right for subsequent waiver of any other terms or conditions.
4. **Sub-letting and Assignment:** The supplier shall not sublet, transfer or assign this order or any part thereof or interest therein or benefit or advantage, thereof in any manner.
5. **Supplier Liability:** Supplier hereby accepts full responsibility and indemnifies the University and shall hold the University harmless from all acts of omission and commission on the part of the supplier, his agents, his subcontractors and employees in execution of the purchase order. The supplier also agrees to defend and hereby undertakes to indemnify the University and also hold it harmless from any and all claims for injury to or death of any and all persons including but not limited to his/her employees and for damage to the property arising out of or in connection with the performance of the work under the purchase order.
6. **Checking/Testing:** Upon receipt at our Stores, if the equipment/item does not meet the specifications, they shall be rejected and returned to the supplier for repair/modification etc. or for replacement. In such cases all expenses including to-and-fro freight, re-packing charges, transit insurance etc. shall be to the account of supplier.
7. **Packing and Marking:** All materials/equipment/item shall be securely packed to the requirements of transportation by Air/Rail/Road/Sea. All exposed services/ connections/, protrusions shall be properly protected. All unexposed part shall be packed with due care and the packages should bear the words 'handle with care'. The packing requirements of Air/Rail/Road transport shall be complied with so as to obtain clear Airway/Railway Receipt/Lorry Receipt i.e. without any qualifying remarks. All packages and unpacked materials shall be



 [Signature] [Signature] 24/3/26 [Signature]

marked with the name of Consignor, Consignee, purchase order No., gross and Net weight, sign of handling, if any, with indelible paint in English at least at two places. In case of bundles, metallic plates marked with the above details shall be tagged to such bundles.

8. **Dispatch of Materials:** The supplier is responsible for the safe delivery of the goods in good condition at destination stores. The supplier should acquaint himself of the conditions relating to handling and transport of the goods to destination and shall include and provide for security and protective packing of the goods so as to avoid damage in transit.
9. **Validity of offers:** The offers shall be valid for a period of 90 days (Depending on the type of equipment/item) from the date of opening of bids. The period of validity cannot be counted from any other date other than the date of opening the bids. During this period the tenderer shall not be permitted to withdraw or vary his offer made and if the tenderer does so, the EMD shall be forfeited.
10. **Jurisdiction:** All and any disputes or difference arising out of or touching this order shall be decided only by the Courts or Tribunals situated in Gwalior.
11. The Registrar, Jiwaji University, Gwalior does not bind himself to accept the lowest or any tender and he reserves the right to reject any offer without assigning any reason.

SECTION-II **FINANCIAL**

1 **Prices:**

Prices quoted shall be inclusive of all taxes including GST.

2 **Terms of payment:**

- a) Payments by the purchaser shall be made online only. Bank charges if any shall be borne by the supplier.
- b) If the supplier has received any overpayments by mistake or if any amounts are due to the University from the supplier due to any other reasons and when it is not possible to recover such amount under the present purchase order, the University reserves the right to collect the same from any other amounts and/ or Bank Guarantee given by the supplier due to or with the University.

3 **Liquidated Damages/ Failure and Termination:**

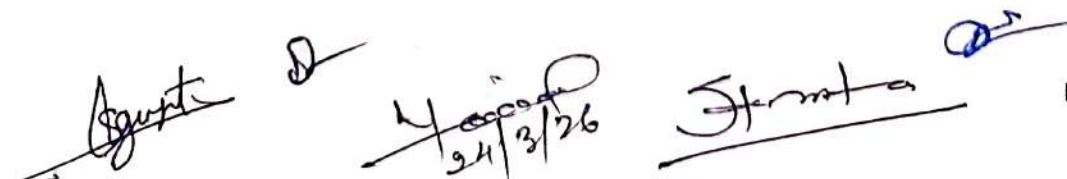
- a. In the event of any delay in the supply of material beyond the stipulated date of completion including any extension permitted in writing, the University reserves the right to recover from the supplier a sum equivalent to 0.5% of the value of delayed materials/ equipment/item for each week of delay and part thereof subject to a maximum of 5% of the total value of the order.
- b. Alternatively, the University reserves the right to give the contract elsewhere at the sole risk and cost of the supplier and recover all such extra cost incurred by the University in procuring the materials from the other source.
- c. Alternatively, University may cancel the Purchase Order completely or partly without prejudice to its right under the alternatives mentioned above.

4 **Delivery Schedule:**

Time is essence of this order and no delay shall be allowed in the delivery time/ delivery schedule mentioned in the purchase order.

5 **Performance Bank Guarantee:**

The supplier shall ensure that all materials/equipment/items under this purchase order shall conform to University's requirements and specifications. An additional security in the form of Performance Bank Guarantee is essential for satisfactory performance of the equipment/item over a period of time. In view of this, the supplier shall be required to furnish a Performance Bank Guarantee equal to 3% of the tender value in cash or Demand Draft, FDR, Banker's Cheque and Irrevocable Bank Guarantee of any Scheduled Bank/Commercial Bank with validity

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as per the provisions of M. P. Bhandar Kraya Niyam and Sewa Uparjan Niyam 2015 (as amended in 2022).

In case any deficiencies are found during this period, the same shall be repaired/rectified/replaced free of cost. The University shall at its discretion have recourse to the said Performance Bank Guarantee for recovery of any or all amount due from the supplier in connection with the purchase order including of guarantee obligations.

6 **Insurance:**

Supplier shall arrange suitable insurance cover at his risk and cost for the transit of the equipment/item upto for installation and testing.

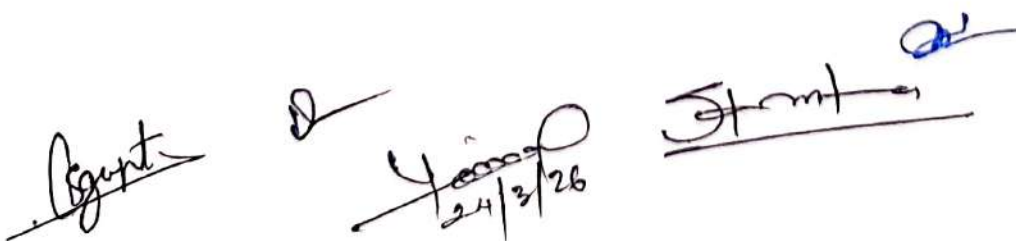
7 **Removal of rejected goods and Replacement:**

- a. If upon delivery, the material/equipment/item is found not in conformity with the specifications stipulated in the purchase order, whether inspected and approved earlier, or otherwise, such material/ equipment/item will be rejected by the University or his authorized representative. A notice to this effect shall be issued to the supplier, normally within 30 days from the date of receipt of materials at our Stores.
- b. Supplier shall arrange suitable replacement supplies and remove the rejected goods within 30 days from the date of notice failing which, the goods shall be dispatched to, vendor by road transport on 'Freight to pay basis at supplier's risk and cost.
- c. External damages or shortages that are *prima-facie* as a result of rough handling in transit or due to defective packing shall be intimated to the supplier within, a period of one month of the receipt of the materials, spares etc. In case of Internal defects, damages of shortages of any internal part, which cannot ordinarily be detected on a superficial visual examination, due to bad handling in transit of defective packing or any other reason, it should be intimated to the supplier within 3 months from the date of receipt of the material. In either case the damaged or defective material should be replaced by the supplier free of costs.
- d. If no steps are taken within 15 days of receipt of intimation of defects or such other reasonable time as the University may deem proper to afford, the University may without prejudice to its other rights and remedies arrange for repairs/rectification of the defective materials or replace them entirely and recover the expenditure incurred on account of the sections from the deposits such as EMD, SD and performance guarantees or other monies available with the University or by resorting to legal action.

8 **Force Majeure: -**

- a) The supplier shall not be liable for delay or failing to supply the material for reasons of Force Majeure such as Act of God, Act of War, Act of Public Enemy, Natural Calamities, fires, Floods, Frost, Strikes. Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force Majeure.
- b) The Supplier shall within 10 days from the beginning of such delay notify the University in writing the cause of delay. The University shall verify the facts and grant such extension of time as facts justify.
- c) No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period.

At the option; of university, the order may be cancelled. Such cancellation, would be without any liability whatsoever on the part of the University. In the event of such cancellation, supplier shall refund any amount advanced or paid to him by the University and deliver back any materials issued to him by the University and release facilities, if any, provided by the University.

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Schedule of Quantity

S. No.	Description of Equipment / Item	Quantity
1.	Smart Class Room	40

Address where the equipment / item is to be installed
(Supply, Installation and Commissioning of Equipment / Item at)

Central Store

Jiwaji University
Gwalior -474011 (M.P.)

Report

24/3/26

Stamta

**I-Smart classroom**

Total Numbers:

Estimated cost per set Rs.

1. Interactive Panel 86"

S.No.	Parameter	Technical Specification
1.	Screen Size	86"
2.	Bonding Technology	Zero Gap Bonding
3.	Native Resolution	3840 x 2160 (UHD) 4K
4.	Brightness	Minimum 500 nits or above
5.	Colors	(1.07 billion color)
6.	Aspect Ratio	16:9
7.	Contrast Ratio	15000:1 or better
8.	Viewing Angle (H x V)	178 x 178 or better
9.	Touch Type	20 Point Touch (Android), 40 Points (Windows)
10.	Glass	4mm Mohs Grade 8, Heat Tempered Glass, Explosion Proof, Anti- Glare, etc
11.	Transmittance	> 92%
12.	Response Time	4ms
13.	Touch Precision	≤1mm
14.	Touch Object	All Opaque object, such as finger, pen etc
15.	MTF	60 million touches by each point
16.	Minimum Touch Object	≥ 1mm
17.	Anti-light	Incandescent lamp (220V,100W) Distance > 350mm, Sunlight illumination<90000Lux
18.	Touch Resolution	32768 x 32768 pixels
19.	Video Format	PAL, NTSC
20.	Display Light	60,000* hrs
21.	Frequency	Horizontal Frequency: 20 ~ 82KHz (Analog & Digital) Vertical Frequency: 55 ~ 75Hz
22.	Optimum Resolution	3840x 2160@60HZ
23.	Support Resolution	3840 x 2160, 1920 x 1080, 1680 x 1050, 1600 x 1200, 1440 x 1050, 1360 x 768, 1280 x 1024 1280 x 768, 1024 x 768, 832 x 624, 800 x 600, 720 x 400, 600 x 480
24.	Video Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K
25.	Built-in OS	OS - Android 14 RAM – 8 GB or higher Flash (Memory) – 128 GB or higher
26.	Built-in Audio Power	2 x 20 W (max) Stereo or higher

SKW

Shw

Dr. 06/01/2026

Prady

11/01/2026

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27.	Quality/Health & Safety/Environmental/Information Security/Proof that a product complies with the Restriction of Hazardous Substances directive Certifications/FCC Certified/INFORMATION TECHNOLOGY/ SERVICE/Energy/ MANAGEMENT/of OEM (Copy to be submitted along with the bid)	BIS Certificate Proof that a product complies with the Restriction of Hazardous Substances directive - RoHS Quality Management System 9001:2015, Information Security Management System ISO/IEC 27001:2013 Occupational Health & Safety Management System - ISO 45001 Environmental Management System 14001: 2015 ISO/IEC 20000-1:2018 ISO 5000-1:2018
28.	Government Test Report	NABL Test Report
29.	Electronic Waste Management	E-Waste Certificate
30.	Accessory	Wall Mount Kit*1, Remote control*1, Power Cord*1, Wi-Fi antenna *1, USB TOUCH CABLE
31.	Android Features	Drag and Drop Feature: Drag Image from Browser & Drop to Whiteboard Multi-window Mode 4-way Split window Whiteboard Sharing Export, QR Code, e-mail & Cloud storage Handwritten Recognition Should be Available Multiuser Whiteboard Up to 4 users simultaneous whiteboard Shape Recognition Available Wireless Screen sharing Android, Windows, Mac, IOS Inbuilt Geometrical Tools: Compass, Protector, Set-Square 3D Shapes 3D Geometrical shapes with rotation & colour filling Inbuilt Recording Should be Available Should have inbuilt whiteboard software for teaching/ training using an Interactive display with features like (Pen, thickness of pen, Colors of pen, Pixels eraser, Region eraser, Shapes (Circle, Triangle, Rectangle, arrows) Background of White board (multiple Colors also use picture, shape), Redo/Undo, Next/Previous, Select & Drag option, switching between single touch and multiple touch, Clear screen, List of pages with deleting option, switching tool bar right to left, many other Tools (Compass, Protector, Insert Table, Timer, Camera, Multiscreen with background color and different pen color), on screen annotation. Interactive software should be of the same OEM. The interactive software of the interactive Display should detect the Visual Presenter/ Visualizer and should be able to annotate on the image captured by the Visual Presenter/ Visualizer. Wire and Wireless content sharing/casting Support between Laptop/Desktop/Mobile/ Tablets and Interactive Panel

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2. LMS with AI-powered Creation Capabilities

S.No.	Requirement
1.	The LMS application should work both offline and online on the Interactive Panel and empower the teachers to use digital education in classrooms without permanent dependence on the internet.
2.	AI-powered Assessments creation for teachers to dynamically generate assignments/quizzes and worksheets.
3.	AI-powered lesson plan generation should be available to teachers so that they can create instant lesson plans and integrate digital tools into their teaching methodologies
4.	The content should include supplementary animated video lessons with real-life situations to complement classroom teaching, and the audio should be a human/humanlike/natural voice with a neutral accent.
5.	Should include practice questions and classroom quizzes with instant feedback for all the mentioned subjects.
6.	The LMS should include at least 50 interactive simulations that allow changing parameters to visualize and engage with various topics for experiential learning in Science and Math
7.	The LMS should work both in standard teaching/learning mode and also in Personalized Adaptive learning mode.
8.	The LMS application should store all teaching/learning usage data offline on the Interactive panels, and the data should sync to project monitoring dashboards whenever the panels connect to the internet.
9.	The reporting dashboards of the LMS should have Universities, block, district, state wise, and Role-based access to teaching/learning usage reports in the smart classrooms.
10.	The LMS should work directly on the Android OS preinstalled in the Interactive Panel without requiring a separate windows machine/OPS.

3. OPS

S.No.	Parameters	Technical Specification
1.	Gen	12 th or Higher
2.	CPU	I5 or Higher
3.	RAM	8 GB RAM or Higher
4.	SSD	512 GB SSD
5.	Operating System	Windows 11 or Higher
6.	Ports	HDMI, USB Ports, LAN
7.	Certificates	RoHS, ISO 9001, ISO 20000-1, ISO 27001, ISO 14001, ISO 45001 & ISO 50001 certified

4. Slider Mechanism for 86 Inch Interactive Panel (Optional)

S.No.	Parameters / Technical Specification
1.	<ul style="list-style-type: none"> Frame: -all frame structures and board frames are in aluminum with metallic anodized or similar good quality. Board front surface: laminate/resin coating steel surface, with dry-erasable marker surface, used as a writing marker or chalkboard, also Board back surface: laminate/GI metal sheet board inner material: - good quality thermocol sheet Lock center lock available with SS material with 2 keys Slider fittings: wheels with bearings for easy movement on 2 boards

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5. 4K ePTZ Camera with Built-in Microphone

S.No.	Parameter	Technical Specification
1	Type	ePTZ Camera
2	Output	USB 3.0
3	Sensor	1/2.8" 2.07 MP IID CMOS Sensor
4	Video Output	4k@ 30fps
5	Digital Zoom	8x Times
6	View Angle	120 Degree Field of View
7	Resolution	4K
8	Pre-sets	255
9	Control Port	RS232
10	Microphones	Built-in Omni directional Microphone
11.	Features	Auto Teacher Tracking & Focusing
12.	Certificates	RoHS, ISO 9001, ISO 20000-1, ISO 27001, ISO 14001, ISO 45001 & ISO 50001, certified

6. 1 KVA UPS with Casing

S.No.	Parameter	Technical Specification
1.	Capacity	1000VA/600W
	INPUT	
2.	Input Voltage Range	140 V ~ 300 VAC
3.	Frequency	50 Hz ± 10%
	OUTPUT	
4.	Output Voltage (Batt. Mode)	230 VAC Nominal
5.	Frequency (Batt. Mode)	50 Hz ± 1 Hz
6.	Waveform (Battery Mode)	Modified Sine Wave
7.	Transfer Time	Typical 4~8ms
8.	Rating	1000 VA (Max.)
	BATTERY	
9.	Battery Type	Sealed Maintenance Free
10.	DC V/AH/No.	12V /7AH x 2 Batteries
11.	Backup time	30 minutes or more
12.	Recharge Time (Typ.)	6~8 Hours to 90% after complete discharge
13.	Operating Temperature	0°C-40°C;
14.	Relative Humidity	0 to 90%
15.	Non-Condensing Noise Level	< 40dB
16.	BIS Meity	Yes (Certificate Required)
17.	Quality Standards	ISO 9001, ISO 14001, ISO 27001, ISO 50001, ISO 45001, I/TL9000, ROHS and E-waste Certificate and NABL/BIS Approved. (Report should be enclosed)
18.	Make In India	Offer UPS Model should be Make in India Product. (CA Certificate required with local content category II.
19.	OEM Service & Financial Capability	OEM of UPS should have e more than 100 service centers across PAN India.

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7. 2-Way Stereo Active Speaker System - 2 x 40W

S.No.	Parameter	Technical Specification
1.	RMS/AES power handling	2 x 20 W or higher
2.	Dynamic power	2 x 40 W or higher
3.	Sensitivity (1W/1m)	89 dB
4.	Sound Pressure (Max. W/1m)	105 dB
5.	Frequency Response (± 3 dB)	80 Hz - 20 kHz
6.	Power Consumption	Nominal (1/8 MUP) 11.3 W, Standby < 0.35 W
7.	Inputs Balanced Stereo	2 x 3-pin Euro Terminal Block (Pitch - 3.81 mm)
8.	Unbalanced Stereo	3.5 mm Jack (2x)
9.	Remote	Yes
10.	Power Supply	100 ~ 240 V AC / 50 ~ 60 Hz
11.	Connector	IEC C7/C8 power inlet
12.	Connectors Remote control	Yes
13.	Outputs Passive loudspeaker	2-pin Euro Terminal Block (Pitch - 5.08 mm)
14.	Drivers HF	13 mm (PEI tweeter)
15.	Drivers LF	5 1/4" (Polypropylene)
16.	Dispersion Horizontal	210° (Average -6 dB / 100 Hz - 10 kHz)
17.	Dispersion Vertical	205° (Average -6 dB / 100 Hz - 10 kHz)
18.	Accessories Included	Mounting bracket, Power cable, 3.5 m connection cable speaker

8. Wireless Microphone

S. No.	Parameter	Specification
1	Modulation	Wideband FM
2	Frequency ranges	A: 548-572 MHz, GB: 606-630 MHz, B: 614-638 MHz, C: 766-790 MHz, D: 794-806 MHz, E: 821-832 MHz, 863-865 MHz, K: 925-937.5MHz
3	Switching bandwidth	Up to 24 MHz
4	Frequencies	8 frequency banks, each with up to 10 factory-preset channels
5	Signal-to-noise ratio	≥ 103 dBA
6	THD	$\leq 0.9\%$
7	Temperature range	Operation: 0°C to +40°C; Storage: -20°C to +70°C
8	Transmitter synchronization	2.4 GHz, Low Power OQPSK (only active during synchronization)
RECEIVER		
9	Receiver principle	Double superheterodyne
10	Diversity principle	Antenna switching diversity via internal antennas
11	Sensitivity (at peak deviation)	< 3 μ V at 52 dB(A)rms S/N
12	AF frequency response	50 to 16,000 Hz (-3 dB)

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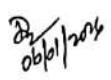
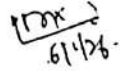

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13	Max. AF output voltage	1/4" (6.3 mm) jack socket (unbalanced): +6 dBu; XLR socket (balanced): +12 dBu
14	Audio adjustment range	45 dB, adjustable in 5-dB steps
15	Power supply	12 V DC nom. / 300 mA
16	Squelch	Adjustable from 3 dBμV to 28 dBμV (combined with pilot tone)
17	Line/Mic level	20 dB, switchable
18	Housing material	Rugged ABS housing
19	Dimensions (W x H x D)	Approx. 200 x 42 x 127 mm
BODYPACK TRANSMITTER		
20	RF output power	10 mW
21	AF frequency response	Line: 50-16,000 Hz; Mic: 50-16,000 Hz
22	Audio Input	3.5 mm jack socket
23	Max. input voltage (Mic/Line) at 3% THD	Typ. 1 V rms Mic / Typ. 2.6 V rms Line at -30 dB gain
24	Power supply	2 AA size batteries, 1.5 V
25	Operating time	Approx. 10 hrs
26	Adjustment range of transmitter sensitivity	0 to -30 dB, adjustable in 10 dB steps
27	Housing material	Rugged ABS housing
28	Dimensions (W x H x D)	Approx. 71 x 96 x 28 mm
MICROPHONE		
29	Transducer principle	Condenser, pre-polarized
30	Sensitivity	20 mV/Pa
31	Pick-up pattern	Omni-directional
32	Max. SPL	130 dB

9. Cable & Connectors as per site requirements.

10. SITC (Supply, Installation, Training & Commissioning) at allocated location as per the satisfaction of the customer and free of cost.

Guide-lines for Submission of Performance Bank Guarantee

The Performance Bank Guarantee (PBG) shall fulfill the following conditions failing which it shall not be considered valid:

1. **PBG** shall be executed on non-judicial stamp paper of applicable value purchased in the name of bank.
 2. Non-judicial stamp paper shall be used within 6 months from the date of purchase. **PBG** executed on the stamp paper of more than 6 months old shall be treated as invalid.
 3. The contents of the **PBG** shall be as per our Proforma (Annexure -04).
 4. The Bank Guarantee should be executed by a scheduled bank or banks viz.
-
-
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5. The executor of **PBG** (Bank Authority) should mention the Power of Attorney No. and Date executed in his/her favor authorizing him/her to sign the document or produce the Photostat copy of Power of Attorney.
6. All conditions, corrections, deletion in the **PBG** should be authenticated by signature of Bank Officials signing the **PBG**.
7. Each page of **PBG** shall bear signature and seal of the Bank.
8. Two persons should sign as witnesses mentioning their full name and address.

Registrar,
Jiwaji University,
Gwalior -474011 (M.P.)

Handwritten signatures and date: A signature on the left, a date '24/3/26' in the middle, and another signature on the right.

PERFORMANCE BANK GUARANTEE PROFORMA

This agreement has to be executed on a Non-Judicial Stamped Paper worth Rs. 1000/- (Rs. One Thousand) whereas the _____ here-in-after called (The Bidder/Tenderer) has submitted their bid dated _____ for the supply of _____ (Here-in-after called "the Bid") _____ know all men by these presents that we _____ (Hereinafter called the Bank") are bound unto Registrar, Jiwaji University, Gwalior, M.P. Hereinafter called "the purchaser") in the sum of Rs. _____ for which payment will and truly to be made to the said purchaser, the bank binds itself, its successors and assigns by these presents. Sealed with the common Seal of the said Bank this _____ day of _____ 2025

THE CONDITIONS OF THIS OBLIGATION ARE:

1. When the successful tenderer does not accept the order after issue of preliminary acceptance letter/letter of intent/purchase order.
2. When the successful tenderer fails to furnish the security deposit within 30 days from the date of issue of preliminary acceptance letter or the 'letter of intent' or purchase order _____.
3. When tenderer is disqualified for reasons outlined in _____.
4. When tenderer alters his prices or withdraws his offer during the validity period.

We undertake to pay to the purchaser the above amount within one week upon receipt of its first written demand without the purchaser having to substantiate his demand, without referring to the supplier and without questioning the right of University to make such demand or the propriety or legality of the demand provided that in its demand the purchaser will note that the amount claimed by it is due to it owing to any of the occurrence of the above mentioned conditions, specifying the occurred condition or conditions.

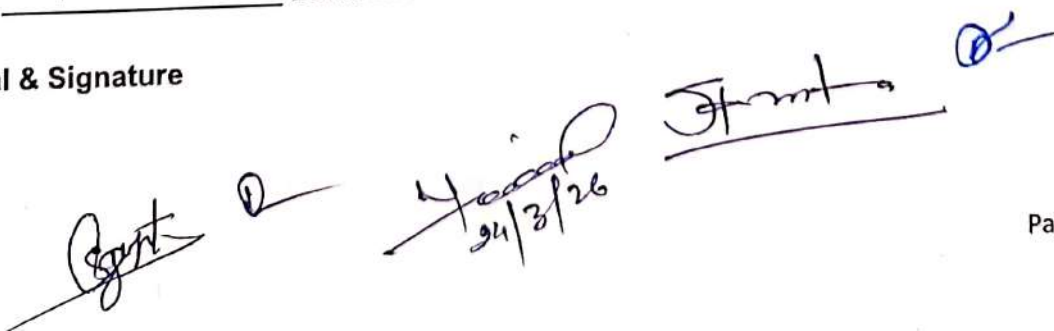
Notwithstanding anything contained in the foregoing our liability under this guarantee is restricted to Rs. _____ (Rupees _____ only). Our guarantee shall remain in force until _____. Unless a claim within 3 months from that date, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability thereafter.

We _____ Bank Limited lastly undertake not to revoke this guarantee during its currency except with the previous consent of university in writing.

Date the _____ Day _____ 2025

For _____ Bank Ltd.

Seal & Signature



 The bottom section contains three handwritten signatures and dates. From left to right: a signature that appears to be 'Sant' with a date '21/3/26' written below it; a signature that appears to be 'Yash' with a date '21/3/26' written below it; and a signature that appears to be 'Jivaji' with a date '21/3/26' written below it. There is also a small circular stamp or mark to the right of the 'Jivaji' signature.

TECHNICAL BID FORM

- 1 Name of the Firm / Tenderer _____
- 2 Proprietor's Name _____
- 3 Permanent Address of the Firm / Tenderer _____
- 4 Contact No. of representative of the Firm / Tenderer Firm's Office : _____
Mobile No. : _____
- 5 E-mail ID of the Firm / Tenderer _____

S. No.	Documents	Copy submitted or not (Yes/No)
1	Supporting document i.e. Registration / Incorporation Certificate that the Company / the tenderer is in existence for the last 5 years.	
2	Supporting Documents indicating that the tenderer is the Manufacture or the Authorized dealer of the corresponding item / equipment Manufacturer.	
3	Supporting documents for registration of the Micro & Small Enterprises (MSEs) and Start-Ups of Madhya Pradesh only for the tendered items, if applicable	
4	Copy of PAN No. issued by Income tax department and IT returns for the last three financial years preceding the date of tender.	
5	Copies of GST Registration Certificate and GSTR 3B of last three months.	
6	Proof of average annual turnover for the last three financial years preceding the date of tender (copies of Audited Balance Sheet of the firm with Audit Report / CA certified turnover certificate with UDIN number / Copies of GST Return)	
7	Supporting document indicating that the Company or tenderer have at least one Service Centre in India.	
8	List mentioning the addresses and contact persons with phone numbers of the Service Centers	
9	The list of customers, to whom the bidder had supplied identical materials in the past	
10	Declaration on Rs. 500/- notarized stamp paper as per Annexure – 07.	
11	Online EMD submission slip drawn in favor of "Registrar, Jiwaji University, Gwalior".	
12	Special Terms and Conditions duly signed & office Seal affixed as a token of acceptance of Special Terms and Conditions	
13	Technical Specifications of Annexure - 02 (Complied or Not-Complied report) along with supporting documents of the items bid for the equipments / items clearly mentioning the make and model	

TENDERER
Signature & Seal

(Signature) *(Signature)* *(Signature)* *(Signature)*

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// AFFIDAVIT//

(To be submitted along with Technical Bid)

I/We..... who

is/are (Status in the firm/company) and competent for submission of the affidavit on behalf of M/S (Bidder/Tenderer) does solemnly affirm an oath and state that:

I/we, am/are fully satisfied for the correctness of the certificates / records submitted in support of the following information in bid documents which are being submitted in response to notice inviting e-tender No..... for..... (Name of work) dated issued by the (Name of the Client).

I/we am/are fully responsible for the correctness of following self-certified information/document and certificates:

1. That the self-certified information given in the bid document is fully true and authentic.
2. That:
 - a. Online deposit receipt for amount deposited as earnest money, online deposit receipt for cost of bid document and other relevant document are authentic.
 - b. Information regarding financial qualification is correct.
 - c. Information regarding various technical qualifications is correct.
3. That:
 - a. Any vigilance authority/CBI or the court has not given any adverse decision against the firm or the firm has not been found guilty.
 - b. The firm has not been banned/delisted/black listed by any Tender Inviting Authority or by any organization of State Government or by Government of India.
4. No close relative of the undersigned and our firm/company is working in the Jiwaji University.

or

Following close relative/relatives is/are working in the Jiwaji University:

Name Post Present Posting

**Signature with seal of the deponent
(Bidder/Tenderer)**

I/We above deponent do hereby certify that the facts mentioned above are correct to the best of my knowledge and belief.

Verified today (Dated) at (place)

**Signature with seal of the deponent
(Bidder/Tenderer)**

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24/3/26