



MAHARANA PRATAP INSTITUTE OF TECHNOLOGY

LACHHIPUR, SONAULI ROAD, GORAKHNATH, GORAKHPUR (U. P.) - INDIA, 273015

महाराणा प्रताप इंस्टिट्यूट ऑफ टेक्नोलॉजी

लच्छीपुर, सोनौली रोड, गोरखनाथ, गोरखपुर, उ. प्र. - भारत, 273015

(UNDER UMBRELLA OF MAHARANA PRATAP SHIKSHA PARISHAD, GORAKHPUR)

Approved by AICTE, New Delhi

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh

Tender Reference No. MPIT/SC/Tender-11/2026

Dated: 01.04.2026

TENDER DOCUMENT

Tenders, in three separately sealed envelopes (Technical Bid, Financial Bid, Tender Fee and Earnest Money Deposit (EMD)), are invited from reputed Manufacturers/Authorized Dealers/Vendors/Bidders/Firms for **Supply, Installation, Testing, Commissioning, Operation & Maintenance of Interactive Panel, Camera, Xerox Machine etc. for Center of Excellence (CoE) at Maharana Pratap Institute of Technology, Gorakhpur**. MPIT is establishing a Center of Excellence (CoE) and seeks to deploy a robust, secure, scalable, and future-ready networking infrastructure to support advanced labs e.g. Artificial Intelligence, Cyber Security, 3D Printing & Drone Technology & Space Technology labs, data centers, smart classrooms, and institutional IT services. Bidders are requested to submit their sealed bids physically in three separate envelopes as follows: - **Envelope 1:** Technical Bid with all requisite documents in support of all the claims made by the bidder, **Envelope 2:** Financial Bid containing the rates for each items/service (if applicable) and **Envelope 3:** DD of Tender Fee and EMD. Each envelope has to be sealed separately. Please mention the envelop number (1-Technical Bid, 2-Financial Bid, 3- Tender Fee and EMD), tender reference number, tender title, name of bidder, complete address, telephone/mobile number, and e-mail address of the bidder on the envelope.

Sr. No.	Tender Title	Quantity	Tender Fee in Rs.	Earnest Money Deposit in Rs.
01.	Design, Supply, Installation, Testing, Commissioning, Operation & Maintenance of Interactive Panel, Camera, Xerox Machine etc. for the specified period as given in the Schedule of Requirements	As per Schedule of Requirements	Rs. 5,000/-	Rs. 1,00,000/-

Detailed description and tender documents are available on our website: - www.mpit.ac.in

Date of Publishing Tender:

01.04.2026

Bid Submission start Date:

02.04.2026

Bid Document Download Start Date:

01.04.2026

Bid Submission End Date & Time

05.04.2026, 5.00 pm

Bid Document Download End Date:

05.04.2026

Technical Bid Opening Date & Time

06.04.2026, 11.30 am

Financial Bids (Envelope 2) of only those firms will be opened that qualify in the Technical Bid evaluation stage. The date of opening of Financial Bids will be informed only to the technically qualified firms separately. The competent authority of Maharana Pratap Institute of Technology, Gorakhpur reserves the right to reject/cancel any or all the tenders without assigning any reason thereof. Sealed envelopes containing all requisite details and documents should be submitted to the office of the Director, Maharana Pratap Institute of Technology, Lacchipur, Sonauli Road, Gorakhnath Road, Gorakhpur-273015, UP so that it reaches on or before the stipulated deadline. Bidders sending their documents by registered / speed post only should ensure that the bids are received on or before the last date. Bids received after the due date shall not be entertained in any case.

(Director)

(TO BE FILLED UP BY THE BIDDER ON ITS LETTER HEAD AND SUBMITTED WITH THE TECHNICAL BID)

(Mention the Bidder Details here)

From:
.....
.....
.....
Phone No.
Fax No

To,

The Director,
Maharana Pratap Institute of Technology,
Gorakhpur-273015

Sub: Submission of Tender (Technical Bid Only) in response to your Tender Reference No. MPIT/SC/Tender-11/2026 dated: 24.03.2026

Dear Sir,

We hereby submit our **Technical Bid** along with proof of Tender Fee and EMD in full compliance of the terms and conditions given in the tender document with all technical specifications.

Thanking you,

Yours faithfully,

Date:.....

(Signature of Bidder)

Authorized Signatory with Seal

**Maharana Pratap Institute of Technology,
Gorakhpur, Uttar Pradesh**

Form -I

(To be filled in by the Bidder. Enclose necessary documents in support of your claim.)

Bidders Performa

Tender Title	Design, Supply, Installation, Testing, Commissioning, Operation & Maintenance of Interactive Panel, Camera, Xerox Machine etc. for the specified period as given in the Schedule of Requirements
Name of the firm with full address and contact number	
FOR	Maharana Pratap Institute of Technology, Gorakhpur.
Tender Fee (Non-Refundable)	DD No: _____ Amount: _____ Bank: _____ Date: _____ Drawn in favor of Maharana Pratap Institute of Technology payable at Gorakhpur
Earnest Money Deposit (Refundable)	DD No: _____ Amount: _____ Bank: _____ Date: _____ Drawn on favor of Maharana Pratap Institute of Technology payable at Gorakhpur.
PAN/TIN/TAN/GST No (Attach copies of all the documents duly signed and stamped by the authorized signatory)	PAN: _____ TIN: _____ TAN: _____ GST: _____
Original Equipment Manufacturers /Authorization Letter from OEM (Duly signed and stamped by the person authorized to issue such certificates).	Attach proof
Turnover of the last three financial years (Attach CA certified Turnover Certificate)	Attach proof
Past Experience of Setting up similar kind of Networking infrastructure	Attach proof
EPF & ESIC Registration	Attach proof
ISO 9001:2015 Certificate	Attach proof

Date:.....

**(Signature of Bidder)
Authorized Signatory with Seal**

Maharana Pratap Institute of Technology, Gorakhpur, Uttar Pradesh

Form -II

(Bidder must sign and enclose this document with Technical Bid)

GENERAL CONDITIONS:

1. Tender documents are available for download on our website during the stipulated period. Tenders are invited on the prescribed Tender Forms only. Tender submitted in any other format, or send through e-mail, or any other electronic medium shall not be accepted.
2. Bidders must go through the complete tender documents and read them carefully before submission of their bids. Any clarification regarding the tender terms and conditions, process etc. should be sent to **Director, MPIT, Gorakhpur, email: directormpit@gmail.com**
3. Tender Fee is **Rs. 5,000/-** (Non-refundable), which should be paid by means of Bank Draft favoring **Maharana Pratap Institute of Technology** payable at Gorakhpur. It should be kept separately in Envelope-3 along with the EMD and sealed.
4. An Earnest Money Deposit of **Rs. 1,00,000/-** payable through a Demand Draft drawn in favor of **Maharana Pratap Institute of Technology** payable at Gorakhpur from any of the scheduled banks. The original Demand Draft for Tender Fee and EMD must be submitted separately in Envelope-3 (DD of Tender Fee and EMD). These documents should reach our office before opening of the bids. If the tender fee and EMD are not received before opening technical bids, the technical bids of such vendors shall not be opened.
5. The bidder must be a natural person, private entity, or public entity (state owned institution/ enterprise). The bidder must not be or proposes to be a Joint Venture/ Consortium. The bidder must be a manufacturer of the product offered or be a dealer authorized by the Original Equipment Manufacturer. A declaration stating the same on the bidder's letterhead duly signed and stamped by the authorized signatory should be enclosed with the technical bid.
6. The bidder must not be insolvent, in receivership, bankrupt, or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings. The bidder must not be convicted (within 3 years preceding the last date of bid submission) or stand declared ineligible/ suspended/ blacklisted/ banned/ debarred by appropriate agencies of Govt. of India, and Govt. of Uttar Pradesh. A declaration stating the same on the bidder's letterhead duly signed and stamped by the authorized signatory should be enclosed with the technical bid.
7. The bidder must fulfill all eligibility conditions mentioned here or elsewhere in any documents related to this tender. The bidder must also provide such evidence of continued eligibility to the procuring entity, if requested.
8. Bidders are requested to attend a Pre-Bid Meeting for clarification on the technical and Financial conditions or any other terms and conditions of this tender. Time, date, and place of such meeting will be notified separately on our website. Bidders are requested to regularly visit our website for pre bid meeting notice. Participation in the Pre-Bid Meeting is not mandatory. If a bidder does not participate or submit any query, then no subsequent representations from them regarding the Technical/Financial specifications/conditions shall be entertained.
9. Delegates participating in the Pre-Bid Meeting must provide a Photo ID Card and authorization letter from the prospective bidder on their letterhead; else they shall not be allowed to participate. The Pre-Bid meeting may also be held online at the discretion of the procuring entity
10. The procuring entity reserves the right without assigning any reasons: (a) to reject any or all of the bids; (b) to cancel the tender process; (c) to abandon the procurement of goods; (d) to issue another tender for identical or similar goods; (e) to issue corrigendum/ addendum in the specifications or terms and conditions of the tender; (f) to extend the last date of bid submission. It would have no liability to the affected bidder/ bidders or any obligation to the inform the affected bidder/ bidders of the grounds of such actions.
11. Subject to the provisions of the tender documents, participation in this tender process is open to all bidders who fulfill all the eligibility conditions, technical requirements, and tender terms and

conditions.

12. Any bidder having a conflict of interest, which substantially affects fair competition, shall not be eligible to bid in this tender. Bids found to have a conflict of interest shall be rejected as non-responsive. Bidders are required to declare the absence of such conflict of interest on their letterhead duly signed and stamped by the authorized signatory.
13. The prices should be arrived at independently, without restricting competition, any consultation, communication, or agreement with any other bidder of competitor relating to those prices or the intention to submit an offer, or the methods of factors used to calculate the prices offered. The prices should neither be nor shall be knowingly disclosed by the bidder, directly or indirectly, to any other bidding competitor before bid opening or contract award, unless otherwise required by law.
14. Prices should be mentioned only in Form V (Financial Bid Format). It should be separately sealed in Envelope 2: Financial Bid. Financial Bids (Envelope 2) of only those firms will be opened that qualify in the Technical Bid evaluation stage. The currency of bid and payment shall be quoted by bidder in Indian Rupees. All payment shall be made in Indian Rupees only. Tender where prices are quoted in any other way shall be rejected as non-responsive.
15. All the bidders should ensure that they are GST compliant and their quoted tax structure/rates as per GST Act/ Rules. Bidder should be registered under GST and furnish GSTIN number and GST Registration Certificate along with their Technical Bid.
16. The bidder(s) shall bear all direct or consequential costs, losses and expenses associated with or relating to the preparation, submission, and subsequent processing of their bids. The procuring entity shall not be liable in any manner whatsoever for the same or any other costs, losses, and expenses incurred by Bidder(s) for participation in the Tender process, regardless of conduct or outcome of the Tender process.
17. The tenderer must submit the proof of relevant experience in state/central govt. institutions/ departments, reputed Universities/ Institutions of National Importance.
18. The duration of validity of Tenders/Quotations shall be 90 days from the date of opening of the tenders.
19. No interest shall be payable on the amount of earnest money and the same shall be released within 30 days to the tenderers who fails to qualify after finalization of the tenders.
20. The bidder must submit the Manufacturer's Authorization Form (MAF) from the concerned OEMs for participating in the bid.
21. In the event of the successful tenderer withdrawing his offer within the validity period or fails to accept the offer for any reason whatsoever, the earnest money deposited by him shall be forfeited by Maharana Pratap Institute of Technology, Gorakhpur.
22. Conditional offers/ alternative offers, multiple bids by a bidder shall not be considered.
23. The competent authority/ Director, Maharana Pratap Institute of Technology, Gorakhpur reserves the right for not accepting the lowest or any/all the tenders in whole or in part without assigning any reason for such non-acceptance.
24. The competent authority/ Director, Maharana Pratap Institute of Technology, Gorakhpur reserves the right to increase/ decrease/ remove/ add quantity of the items. Intimation for the same shall be given at the time of placing work/supply order.
25. Full description & specifications of the items offered by the bidder should be clearly mentioned in the tender, failing which the tender will not be considered.
26. Force Majeure: Any failure or omission to carry out the provisions of this supply by the supplier shall not give right for any claim by supplier and purchaser to one against the other, if such failure or omission arises from an act of God which shall include all acts of natural calamities from civil strikes compliance with any statistics and or requisitions of the Government lockout and strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure. Any delay due to Force Majeure will not be attributable to the either of the parties.
27. Bidder must enclose unconditional Warranty Certificate for all equipment of the duration mentioned in the Schedule of Requirement (Specifications) on OEM letterhead. The warranty shall be effective from the date of acceptance of goods. The warranty must cover all parts of the

equipment. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any breakdown during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service.

28. BIDDER/OEM must have Dedicated / toll Free Telephone No. for Service Support. Details of Service Centers near consignee destinations are to be uploaded along with the bid.
29. After having been notified of the defects/ service requirement during warranty period, Seller must complete the required Service / Rectification within 3 days' time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Retention amount.
30. The bidder should not be under liquidation; court receivership or similar proceedings should not be bankrupt. Bidder should upload an undertaking on its letterhead clearly stating that it is not under liquidation; court receivership or similar proceedings and is not bankrupt. Such undertaking should be enclosed with the Technical Bid.
31. In case any false information/ statements/ documents are furnished along with the bid, such bids shall be liable for rejection and the respective bidder shall be solely responsible for the same.
32. The bidder should upload an undertaking on its letterhead stating his/her acceptance and compliance of all the terms and conditions mentioned in the Bid document.
33. Bidders should ensure that the products being offered by them strictly adhere to the technical specifications, quality, and quantity mentioned in the Schedule of Requirement.
34. The bidder/OEM shall furnish an undertaking on its letterhead stating that the firm has never been blacklisted in the past by any Central/ State Govt. Organization/ PSU/ Public Listed Company/ Reputed University/ Educational Institutions and that there is no vigilance/CBI case pending against the firm/ supplier.
35. In the case of not honoring the supply order within stipulated period as per tender conditions, the Institute will have the right to impose penalty as deemed fit to resort to make purchase at the suppliers cost and risk and may forfeit his/her security/EMD.
36. Legal Jurisdiction:- All disputes and question, if any arising between the Institute and the bidder out of or in connection with the terms and conditions contained herein or as to the construction of application thereof, or the respective rights and obligations of the parties there under or as to any clause or thing herein contained or by reason of the supply or failure or refusal to supply any material or as to any other matter in any way relating to these presents shall be referred to the sole arbitration of the competent authority of the Institute or his nominee. The decision of the sole arbitrator shall be final and binding upon both parties and subject to adjudication of Gorakhpur Court. Place for arbitration shall be at Gorakhpur (U.P.), India.
37. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. After filling the financial bid format, it should be duly signed and stamped by the authorize signatory and sealed in a separate envelop (Envelope -2 Financial Bid).
38. The estimated values of the tender is **Rs. 1,53,23,100**). This figure is purely indicative and is an approximation. The actual rates may be lesser than that.
39. The successful bidder must submit performance security (Retention Amount) in the form of Account Payee DD. The amount of performance security shall be equal to 2 % of the total quoted rate. DD should be made in favor of Maharana Pratap Institute of Technology, Gorakhpur payable at Gorakhpur.

I hereby agree with the above conditions.

Date:

(Signature of Tenderer/Authorized Signatory with Seal)

**Maharana Pratap Institute of Technology,
Gorakhpur, Uttar Pradesh**

Form -III

(Bidder must sign and enclose this document with Technical Bid)

SPECIAL CONDITIONS:

1. Rates quoted for different items in your quotation should be valid for 90 days from the date of opening of the tender. Rates shall remain firm during the execution of the tender.
2. Prices are required to be quoted as per items mentioned in the Financial Bid.
3. The tenders should quote on the basis of 'FOR' destination/delivery at site.
4. All available technical literature, catalogues and other data sheets in support of the specifications and details of the items should be furnished along with the offer.
5. Goods/Materials offered should strictly confirm our specifications. Deviation if any should be clearly indicated by the tenderers in their quotation. The tenderer should also indicate the Make/Mode number of the items offered and provide catalogues of technical literature and samples, wherever necessary along with the quotations.
6. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right to accept the whole or any part of the tender or portion of the quantity offered, and tenderers shall supply the same at the rates quoted.
7. Corrections if any must be attested. All amounts shall be indicated both in words as well as in figures, where there is difference between the amount quoted in words and figures quoted in words shall prevail.
8. The tenderer should supply along with his tender the name of his bankers as well as the latest Income Tax Clearance Certificate/ Latest Income Tax Return, failing which the tender is liable to be rejected.
9. The Financial bid of those firms will be opened whose technical bids are qualified. The date of opening of financial bids will be informed to the firms whose technical bid is qualified.
10. All the equipment supplied must have a minimum warranty of **3 year** on site from the date of installation, commissioning and acceptance by Maharana Pratap Institute of Technology, Gorakhpur, which will cover free maintenance services, proper functioning and operation of the instruments/materials installed and commissioned under this project.
11. The quantity of Items may increase / decrease as per requirement.
12. The authority of the person signing the tender if called for should be present.
13. **Financial Bid Evaluation Criteria:** The Financial bids shall be evaluated considering the total value of Supply and Installation.
14. **Supply / Delivery:** Regarding the supply of the materials, the Purchase order will be placed by TCS Foundation. TCS Foundation is the sponsor for the project under its Corporate Social Responsibility (CSR) program. The supplier should deliver goods in sealed and good condition along with the triplicate bills for the same directly to Stores of Maharana Pratap Institute of Technology, Gorakhpur. All the material should be supplied within 8 weeks from the date of placement of the order and installation must be completed within 16 weeks from the date of placement of order by Maharana Pratap Institute of Technology, Gorakhpur.

15. Payment:

- All invoices/bills will be raised on ‘TCS Foundation, 9th Floor, Nirmal Building, Nariman Point, Mumbai – 400021’.
- 50% advance payment shall be made upon issuance of purchase order, receipt of proforma invoice and against the submission of Bank Guarantee for the same amount.
- 40% payment against supply & receipt of material and after installation against submission of 100% tax invoice.
- 10% payment will be retained and released after completion of defect liability period or warranty whichever is later.
- All the payment will be made through NEFT or RTGS.
- Payment terms for any other services/deliverables and changes in payment terms mentioned above, if any, will be mutually agreed before the issuance of purchase order.

16. Other Standard Terms and Conditions which will be included at the time of issuance of purchase order.**STANDARD TERMS & CONDITIONS****1. Price Escalation:**

The price specified on the order shall remain fixed and be deemed to be free from escalation of any kind. The price is valid for quantity variation; unit price shall apply and will remain valid till completion of the work. TFND shall not accept for any reason whatsoever, price escalation for any item of work, or any other claim in respect of supply, labour and material unless otherwise agreed in writing by both parties.

2. Specifications:

The material / equipment supplied and the installation & commissioning carried out; and the workmanship/services provided must be as per agreed tender specifications and BOQ of this order. Any change in specifications shall be effected only after obtaining written approval from TCS/TFND Project Director or consultants selected by TFND.

3. Acceptance / Rejection:

- a. Acceptance of any of the goods/work/services, covered by this order shall not discharge Vendor from liability for damages or other legal remedy for any breach of any condition or Defect Liability Period contained herein or implied by law and if after accepting any of the goods/ services, any discrepancies or defects therein either in material, workmanship or otherwise become known to TFND and such defects amount to breach of any condition and Defect Liability Period herein under or implied by law the TFND shall notify the Vendor of such defects and shall (in addition to any other rights and remedies that TFND may possess by contract conditions) be entitled to reject the defective goods/work/services.
- b. In case there is any rejection of goods/work/services, a notification of the rejection will be sent to the Vendor who will arrange the removal of the rejected goods from TFND/Project premises within fifteen days. Until the time, the Vendor, collects these goods, the rejected goods may remain at TFND premises, but they shall be on account of and on the sole risk of the Vendor, TFND shall not be responsible for or accountable for these goods left in TFND premises after an elapsed of three days from the notice of rejection.

- c. In case the rejected goods/ work /services is not collected within stipulated time, TFND shall dispose of the rejected goods/ work/services at the risk of the Vendor and will have no liability whatsoever to the Vendor.

4. Assignments and Sub- contacting:

The Vendor shall not subcontract, transfer or assign any part of this order without the prior written consent of TFND.

5. Indemnification:

Vendor shall, at its sole, expenses, settle or defend and hold TFND harmless from and against any and all claims and liability, including without limitation, damages, awards, expenses, legal fees and court cost by reason of (a)loss, property damage or destruction or personal injury of any nature or is alleged to be caused, in whole or in part, by the acts or omissions of the Vendor, its employees, agents or sub-vendors, or (b)any claim against TFND, its subsidiaries, affiliates, and /or their respective customers alleging that products or services or any part or item thereof furnished under the order or any use thereof ,infringes any patent, copyright, trademark, trade secret, or other intellectual property right of a third party.

6. Confidential Information and Publicity:

The Vendor shall treat the terms, conditions and existence of the work order as confidential information. Vendor shall obtain TFND's written consent prior to any publication, presentation, public announcement concerning its relationship as a Vendor to TFND.

Any drawings, specifications, data, documents and other information provided by TFND to the Vendor in connection with the work order and all intellectual property rights therein shall remain the property of TFND.

The Vendor shall be obliged to keep all information gathered from TFND completely confidential and not to share the same with anyone or organization.

7. Liquidated Damages:

With regard to performance of the work order by the Vendor, time is of the essence. The delivery completion of the work should be performed on or before the date and at the place specified in the work order. Vendor shall immediately inform TFND of any foreseen or foreseeable delay in the delivery and secure further instructions from TFND regarding the delivery. TFND's acceptance of the Vendor's notice will not constitute TFND's waiver of any of Vendor's obligations.

In case of delays, liquidated damages will be applicable 0.5% of work order value per week of delay beyond the date of work stipulated in the work order or beyond the date of extension if granted in writing by TFND, subject to maximum 5% of the work order value.

Liquidated damages shall also become payable by the Vendor in the following circumstances:

- i. Non compliance by the Vendor to project schedules;
- ii. Non compliances to official project requirements/ and official mail responses;
- iii. Operational/ground commitments as committed by owner are breached.
- iv. Delays caused without any logical/satisfactory reasons to TFND's site management.
- v. All major intermediate milestones, as determined by project manager, will also be assessed and liquidated damages shall be applied for the delay in completion of those milestones, on the percentage rates and delayed periods as mentioned above and in that case, the date of completion shall be referred to as date of completion of that particular milestone. However, if the Vendor manages to capture part of or complete lost time, a proportionate reduction in already applied liquidated damages may be considered.

8. Force Majeure:

Except for payment obligations, neither party will be liable to the other for any failure to meet its obligations due to any cause beyond the non performing party's reasonable control. If any inability to perform continues for longer than 90 days, either party may terminate this order by providing written notice to the other party and TFND will pay the Vendor for products delivered and services satisfactorily performed prior to termination. Force majeure events may include but are not limited to: (1) Government embargoes, (2) blockades, (3) seizure or freeze of assets, (4) delays or refusals to grant an export license or the suspension or revocation thereof, (5) any other acts of any government that would limit the ability for contract performance, (6) fires, earthquakes, floods, severe weather conditions, (7) any other acts of god, (8) quarantines or regional medical crises, (9) labour strikes or lockouts, (10) riots, strife, insurrection, civil disobedience, armed conflict, terrorism or war, declared or not (or impending threat of any of the foregoing, if such threat might reasonably be expected to cause injury to people or property), (11) inability or refusal by TFND directed third party suppliers to provide the Vendor parts, services, manuals, or other information necessary to the goods or services to be provided by the Vendor under this order.

9. Termination:

- a. TFND may forthwith without notice and without further obligation save as it is herein expressly provided, terminate this work order in the event of the Vendor becoming bankrupt or having a receiver appointed for Vendor assets or any proceedings being commenced for the dissolution, liquidation or bankruptcy of the Vendor being incapacitated for any reason from performance of the work order.
- b. TFND may also terminate the work order in the event of the Vendor fails to commence or complete the work order on time or for work not done to the satisfaction of TFND, after giving fifteen (15) days written note to the Vendor. The Vendor shall reimburse the amount paid to them for the work not completed.
- c. In the event of termination of the work order, TFND shall make payment of the price payable for the items delivered and the services completed by the contactor and accepted by TFND. The Vendor shall not be entitled to any further compensation for any termination of work order.

10. Settlement of Disputes/ Arbitration:

Any disputes or differences arising between the parties hereto as to the effect,

interpretation or application of this order or as to their rights, duties or liabilities thereunder, or as to any act, matter or thing arising out of, or consequent to, or in connection with the transaction herein shall be referred to any finally resolved by arbitration by three arbitrators, one to be appointed by each party and the third to be appointed in accordance with the provision of the arbitration and conciliation act, 1996. The arbitration proceedings shall be in accordance with the provisions of the arbitration and conciliation act, 1996, or any subsequent enactment or amendment thereof. Such arbitration proceedings shall be held in Mumbai, India and shall be conducted in English language.

Any injunctive action or claim arising out of the transactions arising here from shall be subject to the jurisdiction of the courts at Mumbai.

11. Compliance with Laws and Security Policies:

- a. Vendor represents and warrants that it will comply with all applicable local and national laws and regulations pertaining to its performance of its obligations under this work order.
- b. Vendor shall be responsible in respect of persons engaged, for the compliance of all statutory provisions including but not limited to under the contract law/ act, ESIC, PF, etc. The Vendor shall be fully responsible and liable, in respect of persons engaged in the performance of its services and execution of the works, to comply with all applicable rules, regulations or laws including all applicable labour laws. The Vendor shall indemnify TFND and at all times hold TFND fully indemnified and harmless from and against all claims, actions, proceedings or demands whatsoever that may be made or instituted against TFND or its directors, officers or employees resulting from the failure of the Vendor, and/or their sub -Vendors in complying with the applicable rules, regulations or laws and the indemnification herein shall cover all costs, expenses, losses or damages that may be incurred or suffered by TFND.
- c. Vendor will comply with TFND security, HSE, and workplace policies, rules and procedures at TFND's site.

12. Safety Code:

- a. All the safety codes and the preventive measures for the work shall be strictly followed. All the personnel and staff shall be under the Vendor, authority and it shall be the responsibility of the Vendor, for all insurance, accident claims etc., at the site. The Vendor shall strictly abide by the labour laws in force from time to time and comply with the same and will co-ordinate directly with the concerned authorities.
- b. The Vendor shall at all times hold TFND and its representatives harmless and effectively indemnified against any claims that may rise out of such non - compliance of applicable law by the Vendor, and their sub-Vendors including without limitation, any claim relating to death or injury to any person, and such indemnification shall extend to the reasonable attorney's fees that may be spent by TFND its representative to defend such a claim. This clause shall survive the termination of this order.

13. Site office and Storage Yard:

Vendor will be solely responsible for protection and security of the materials starting from material receipt and unloading at the site, storage at the site, transportation, handling, installation, commissioning and handing over the works of TFND. The Vendor shall set up suitable stores for itself at its own cost and shall be responsible for the safe custody of

its goods, equipment, materials in premises till the entire tenure of the project.

14. Co- ordination of Work:

The Vendor shall co-ordinate with other Vendors selected and appointed by TFND for other works of the project during the course of executing the contract.

15. Insurance:

All insurance policies related to transit insurance, workmen compensation, CAR policy, third party liability etc., under separate policies for relevant amount shall be taken by the Vendor. These policies must remain in force at all times during the execution of the work. These policies should be in the joint name of TFND and the Vendor as applicable. During the contract period, CAR policy should be 110% of the contract value at any point of time.

Any insurance required under law-Vendor shall at its own cost carry and maintain any and all other insurance which may be required under any law or regulation from time to time. Availing, insurance policies shall not be construed as relieving the obligation described under indemnity clause except to the extent of utilization of the proceeds of the claim for the intended purpose.

16. Site Clearing:

On completion of the work, the site of works and installation shall be cleared of all plants, equipment, debris, etc. of any kind pertain to Vendor's scope of work. If it is noticed that the Vendor does not clean/maintain the place of work appropriately, then TFND reserves the right to get the area cleaned and unilaterally debit the cost of cleaning to the Vendor, or deduct the same from any amounts due to the Vendor as deemed fit.

17. Continuity of Services:

The Vendor must have in place at all times a detailed contingency and business continuity plan that covers situations where the services cannot be provided by the Vendor including due to force majeure events, malfunction or unavailability of the Vendor's personnel and resources and any other causes. The Vendor must ensure that the contingency and business continuity plan and each update to, and revised version of the contingency and business continuity plan is approved by TFND. In the event that the Vendor is unable to provide any services for any reason including a force majeure event, malfunction or unavailability of the Vendor resources or any other cause, the Vendor must immediately notify TFND and comply with the current approved contingency and business continuity plan to ensure continuity of the services. The Vendor confirms that its contingency and business continuity plan will be such that notwithstanding non availability of its resources for any reason whatsoever, the Vendor is able to continue to provide the services in accordance with the agreed service levels and otherwise perform all its obligations under this order without interruption.

18. Right to Audit:

Vendor shall provide access to TFND, its internal and external auditors, inspector's regulators and other representatives that TFND may designate from time to time, at reasonable hours to Vendor personnel and to Vendor records and other pertinent

information, all to the extent relevant to the performance of Vendor's financial obligations under this work order. Such access shall be provided for the purpose of performing audits and inspections to (i) verify the accuracy and completeness of Vendor's invoice; (ii) verify the accuracy and completeness and pass-through expenses; (iii) examine the financial controls, process and procedures utilized by Vendor in connection with the obligations under the agreement (iv) enable TFND to meet applicable legal, regulatory and contractual requirements. Vendor shall provide any assistance reasonable during the term and up to 10 (ten) years thereafter. Vendor shall not be required to provide any of its internal or external auditors to participate in such audit unless specifically requested by TFND in writing, in which case TFND shall be responsible for any incremental cost for such auditor's participation.

19. Ownership / Proprietary Rights:

Vendor agrees and acknowledges that any customized Goods or Services specifically and exclusively developed for TFND hereunder shall be the sole and exclusive property of TFND upon receipt of payment of full Price/Service fee by the Vendor. Upon TFND's written request, Vendor shall execute and deliver to TFND all instruments and other documents and shall take such other reasonable actions as may be necessary or reasonably requested by TFND, so that TFND may protect and defend its rights in and to such Supply(ies) and Associated Proprietary / Intellectual Property Rights.

All the Intellectual Property Rights and Ownership of all tools, processes, software, utilities and methodology including any of the Vendor proprietary products or components thereof used in the any customized Goods or Services including related services or all modifications, enhancements or customization made thereto, other than any customized Goods or Services including related services developed specifically and exclusively for the TFND, even if form part of or incorporated into the any customized Goods or Services referred above shall remain the sole and absolute property of the Vendor, with full ownership rights therein ("Vendor Property"). The Vendor shall grant in favor of the TFND a non-exclusive, royalty free, worldwide user license to use the Vendor Property to the extent they form part of the any customized Goods or Services and will be required for the proper functioning of the any customized Goods or Services, provided that the rights of the TFND to use such the Vendor Property does not include the rights to (a) sell, lease, exchange, mortgage, pledge, license, sub-license, assign or in any other way convey, transfer or alienate the Vendor Property in favor of any person (either for commercial consideration or not (including by way of transmission)) and/or (b) reverse compile or in any other way arrive at or attempt to arrive at the source code of the Vendor Property.

20. Limitation of Liability:

Neither Party shall be liable to the other Party for any indirect, incidental, contingent, consequential, punitive, exemplary, special, or similar damages, including but not limited to, loss of profits or loss of data, whether incurred because of negligence or otherwise, irrespective of whether either Party has been advised of the possibility of the incurrence by the other Party of any such damages.

TFND's liability arising out of or in connection with this Work Order, whether based in contract, tort (including negligence and strict liability) or otherwise, shall not exceed the amount of fees paid by TFND to Vendor during the tenure of the Work Order.

Nothing in this order shall operate so as to exclude or in any way limit Vendor's liability whether based in contract, tort (including negligence and strict liability) or otherwise for (a) material breach of its obligations under this order (b) fraud, misrepresentations (c) negligence or misconduct of Vendor or its Personnel (d) for death or personal injury caused by the Vendor's negligence during transportation and delivery of Goods or provision of Services at the TFND Facility/TFND Customer Facility (e) violation of the TFND's intellectual property rights, or breach of confidentiality obligations (f) security breaches committed by Vendor or its Personnel using embedded tools in the Goods/Services connected to and interoperating with TFND's IT systems and (g) any other liability that may not be excluded or limited in law.

21. Non solicitation:

The Vendor agrees that it shall not entice, solicit, or seek directly or knowingly with a view to offer employment to any of TFND's employees or representatives during the Supply Term and Service Term of the Work Order and for a period of one (1) year after the expiry, cancellation, or termination of this order.

22. Waiver:

No forbearance, indulgence, relaxation by any party at any time to require performance of any provision of this Work Order shall in any way affect, diminish or prejudice the right of such party to require performance of that provision and any waiver by any party or breach of any provisions of this Work Order shall not be construed as a waiver or an amendment of the provisions itself, or a waiver of any right under or arising out of this Work Order.

23. Illegal Gratification:

The Vendor hereby represents that it has not and shall not itself or through any of its representatives given or give or promise to give any money or gift to any employee/official of TFND to influence their decision regarding this Work Order, nor shall it exert or utilize any unlawful influence through a promise to pay a commission, percentage, brokerage, or contingent fee to secure or solicit any extension hereof.

The Vendor acknowledges and agrees that it has not, and will not, make or promise to make corrupt payments of money or anything of value, directly or indirectly, to any government or public international organization officials, political parties, or candidates for public office, or employee of a commercial customer or supplier, for the purpose of obtaining or retaining business or securing any improper advantage.

The Vendor agrees that breach of this clause shall be adequate ground for TFND to terminate this Work Order immediately without prejudice to the Agency's liability under applicable laws. Further, breach of this clause shall also be adequate ground for TFND to withhold all payments, which may be due to the Vendor and for TFND to initiate appropriate legal actions against the Agency.

24. Independent Vendor:

In performing its obligations under this Work Order, Vendor shall be deemed to be acting as an Independent Vendor and shall not be deemed an agent, legal representative, joint venture, or partner of TFND. Neither party is authorized to bind the other to any

obligation, affirmation, or commitment with respect to any other person or entity.

25. Severability:

Any provision of this Work Order, that is determined to be invalid or unenforceable in any jurisdiction shall be ineffective to the extent of such invalidity or unenforceability in such jurisdiction, without rendering invalid or unenforceable the remaining provisions of this Work Order or affecting the validity or enforceability of such provision in any other jurisdiction.

26. Entirety:

This Work Order contains the entire understanding of the Parties relating to supply of Goods and Services and supersedes all previous correspondence, proposals, representations, agreement, or memorandum of understanding.

I hereby agree to the above conditions.

Date:.....

**(Signature of Tenderer)
Authorized Signatory with Seal**

**Maharana Pratap Institute of Technology,
Gorakhpur, Uttar Pradesh**

Form -IV

(Bidder must sign and enclose this document with Technical Bid)

Eligibility of Bidder

1. The Bidder/OEM must have average turnover not less than **Rs. 3 Crore** in each of the last 03 Financial Years i.e. 2022-23, 2023-24 and 2024-25.
2. The Bidder/OEM must have executed same or similar works in Govt./ Public Sector organizations in any of the 4 Financial Years i.e. 2021-22, 2022-23, 2023-24 & 2024-25 as per the following:
 - Three works each costing not less than the amount equal to 30% of advertised value of the tender, or
 - Two works each costing not less than the amount equal to 40% of advertised value of the tender, or
 - One work costing not less than the amount equal to 60% of advertised value of the tender.
3. The Bidder/OEM should be an experienced in Design, Supply, Installation, Testing, Commissioning, Operation & Maintenance of Networking Infrastructure, similar work having at least 5 years' experience of supply, installation, testing and commissioning of same/ similar works in Govt. Department/ PSU/ reputed Universities/ Educational Institutions
4. The Bidder/OEM should be and ISO 9001:2015 certified vendor.
5. The Bidder must be registered with the Employee Provident Fund and Employees State Insurance Scheme (ESIC) department.
6. Bidder (if not OEM) must submit valid authorization for this tender from the OEM's of the quoted equipment.
7. The Bidder should not have been blacklisted or banned by any State / Central Government Department or PSU.
8. The bidder should enclose copy of the GST registration certificate with technical bid.
9. The bidder should have prior experience of setting up similar kind of work, documentary proof or MOU to be submitted.

I hereby certify that I fulfill the above conditions, and I have enclosed documentary evidence for the same with the Technical Bid documents.

Date:.....

**(Signature of Tenderer)
Authorized Signatory with Seal**

**Maharana Pratap Institute of Technology,
Gorakhpur, Uttar Pradesh**

Form -V

FINANCIAL BID FORMAT

**(MUST BE COMPLETELY FILLED UP AND SIGNED BY THE BIDDER. SHOULD BE
SEALED IN ENVELOPE -2 FINANCIAL BID)**

**Tender Inviting Authority: Director, Maharana Pratap Institute of Technology,
Gorakhpur**

Name of Work: Design, Supply, Installation, Testing, Commissioning, Operation & Maintenance of Interactive Panel, Camera, Xerox Machine etc. for the specified period as given in the Schedule of Requirements

Tender Reference No.: MPIT/SC/Tender-11/2026

No.	Item Description	Required Quantity	Make	All-inclusive rate in figure (incl. of all taxes/charges /duties etc.)	Total amount in words
1	AIO i7 14 Gen 16 GB Ram 512 SSD	60			
2	A4 Size MFP Printer Machine Mono	1			
3	Digital Podium having -Amplifier with inbuilt DSP and 4x50W Speakers -1 Gooseneck Mic -1 Handheld Mic -1 Wireless Mic -Provision for HDMI Connector and Power Outlet	3			
4	86" Interactive Panel having Ultra HD with OPS, Resolution - 3840x2160	3			
5	75" Interactive Panel having Ultra HD with OPS, Resolution - 3840x2160	14			
6	20X PTZ Camera	3			
7	12X PTZ Camera	3			
8	3 KVA Online UPS with 30 min. battery backup	14			
9	Installation & commissioning	14 Job			
10	1.5 mm wire for panel lights wiring for the UPS, Podium and the interactive panel	14 Job			

I hereby certify that I have filled up the above rates keeping in view all the tender terms and conditions as well as technical requirements.

Date:.....

**(Signature of Tenderer)
Authorized Signatory with Seal**

Schedule of Requirements
TECHNICAL SPECIFICATIONS – SMART CLASS EQUIPMENT

A- AIO Desktop

Particulars	Specifications
Make & Model	Dell Pro 24 AIO 65W - QC24250
Processor	Intel® Core™ Ultra 7 265 vPro® (13 TOPS NPU, 20 cores, up to 5.3 GHz) Or higher
Chipset & Motherboard	Intel Q870 Chipset or higher
Memory	16 GB DDR5 RAM or higher, expandable up to 64 GB with 2 DIMM slots or better
Graphics	Integrated Intel® Intel Graphics compatible with processor
Hard Disk Drive	M.2 512 GB PCIe NVMe SSD
Display	23.8", FHD 1920x1080, ComfortView Plus
Security	Discrete TPM 2.0 with Chassis Intrusion switch
Keyboard	Wired Keyboard (same make as PC)
Mouse	Wired Mouse (same make as PC)
Networking facility	Integrated Ethernet LAN 10/100/1000 Wi-Fi 6 MT7920, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.4 wireless card
Ports & Slots	1 RJ-45 port 10/100/1000, 8 USB 3.2 ports with minimum 2 USB 3.2 Gen 2 Type-C port, 1 Universal audio jack, 1 Line-out audio port (rear), 1 DP 1.4, 1 HDMI In 1.4, 1 HDMI Out 2.1, 1 SD card slot, 3 M.2 slot, 1 Kensington security-cable slot
Audio	Integrated dual Internal speakers (Min.2 W each) and Mic
Webcam	1920 x 1080 at 30 fps FHD RGB camera, Dual-array microphones
Form Factor	All In One Form Factor with Height Adjustable Stand
Operating System	Microsoft Windows 11 Professional 64 bit OS or better
Certification	Ubuntu Linux OS Certification, EPEAT Climate+ India certified, EPEAT India registered, MIL STD 810 G/H Test Passed
	For OEM : ISO 9001 : 2008
Power Supply	Minimum 160 W Internal Power Supply, 85% Efficient or better
Accessories	To be supplied with required connecting cables and power cable.
Warranty	3Yr Onsite Warranty OEM must have online system hardware diagnostics facility and facility to download updates of software, device drivers, and firmware on its website. Specifications and warranty of the offered Desktop should be available through serial number search / tracking on the website of the OEM.

B- A4 Size Photo copier Machine Mono

Category	Specification
Printer Type	Monochrome Laser MFP
Functions	Print, Copy, Scan
Print Technology	Laser
Print Speed	Up to 30 ppm
First Print Out Time	~8.5 sec
Print Resolution	Up to 1200 × 1200 dpi
Duty Cycle (Monthly)	Up to 30,000 pages
Recommended Volume	300 – 2,300 pages/month
Duplex Printing	Automatic
Display	2-line LCD
Processor	600 MHz
Memory	256 MB
Connectivity	USB 2.0, Ethernet, Wi-Fi
Mobile Printing	HP Smart App, AirPrint, Mopria
Paper Input Capacity	250 sheets
Paper Output Capacity	100 sheets
ADF Capacity	40 sheets
Supported Media Sizes	A4, A5, B5, Envelopes
Media Types	Plain, Thick, Labels, Cardstock
Scanner Type	Flatbed + ADF
Scan Resolution	Up to 600 dpi
Copy Speed	Up to 30 cpm
Copy Resolution	600 × 600 dpi
Max Copies	99 copies
Power Consumption	445W (printing)
Voltage	110–127V / 220–240V
Operating Temp	10–30°C
Dimensions (W×D×H)	401 × 362 × 311 mm
Weight	~10.1 kg
Toner Type	1 Black Toner + Drum

C – Digital Podium with Amplifier, DSP & Microphones

S. No.	Parameter	Specifications
1.	Top & Body	Top and Body should be Metal.
2.	Mechanism	The system should have a Top Sliding Mechanism.
3.	Rack Space	It should have Rack Space for keeping Amplifier, CPU, Microphone receiver or more equipment under lock
4.	Gooseneck Mic Frequency	The Microphone should have a frequency response of 40 Hz to 17,000 Hz or better.
5.	Gooseneck Mic Pattern	The Microphone should have a Cardioids Polar Pattern.
6.	Gooseneck Mic Port	The Microphone should come up with standard 3 PIN XLR Connector.
7.	Wireless Microphone System	It should be supplied with 1 Wireless Handheld and 1 Headband Microphone.

8.		The Microphone should have a frequency response of 40Hz to 17000 Hz or better.
9.	Amplifier	The Amplifier should consist of a 200 Watts (100 WattsX2)
10.		The Amplifier should have S/N Ratio of >80dB.
11.	DSP	The DSP should have a 100% Full Duplex Echo Cancelling – no attenuation during full-duplex.
12.		The DSP should be standard 19 inches Rack Mountable
13.		The DSP should have 1 X 6.5mm Mic input, 1xUSB 2.0 Audio USB port, 1x 2RCA and 2x Pheonix Line-In port as input ports.
14.		It should have out as 2x phoenix ports, Line-out as 1x 2RCA port
15.		The DSP Should have sufficient Ports to perform the Acoustic Echo Cancellation for all the microphones.
16.		DSP Should have dual capability of Local Sound Reinforcement and Far end Audio to be sent for Video conferencing at the same time without any Noise and Echo. Whatever teacher or student speaks through Collar or handheld microphone and Gooseneck microphone all should go to far end Location over Video Conference and also should come out of Speakers for local Sound Reinforcement so that everyone present in class can also hear clearly.
17.		The DSP should have USB port for integrating with Unified Software solutions like Skype, Lync, etc.
18.	Speakers	It should be supplied with Four Wall Mount Speakers
19.		The speaker should be 50 Watts or more.
20.		The speaker should be part of the package of DSP & Amplifier. It should be from same OEM of DSP.
21.	Laptop Interface with integrated Advance Switcher	The system should consist of at least the following ports on the interface with integrated Switcher having VGA port, HDMI Port, Audio port, 4 USB Ports, Power Outlet. It should come with an integrated button pad controller to switch between HDMI, VGA and USB Ports. It shall have HD video inputs for CPU, 2x Laptop Inputs, Visualizer or more
22.	Control	It shall have basic selection control buttons for the four inputs, Microphone Control Buttons, Volume Control Buttons
23.	Functions	It should perform the functions of Mic Mute/Unmute, Volume Mute/Unmute, Projector On/Off, Screen Up/Down, Source Selection or more. If faculty connects external laptop and plays any multimedia content, it should transfer touch control and Audio through single USB Cable so that Laptop screen can be touch controlled with integrated touch interactive panel and also through same USB Port, Audio should be sent through DSP and amplifier to the External speakers.
24.	warranty	3 Years or Higher.
25.	Certifications	It should be CE, FCC, RoHS certified. Proof to be submitted.

D –86" Interactive Panel having Ultra HD Resolution - 3840x2160

S. No.	Parameter	Specifications
1	Display Panel Diagonal size	86 Inches or higher
2	Resolution	3840 x 2160 (4K or Higher)
3	Display Color	1.07 billion or Higher
4	Brightness	350cd/m2 (Min) & 500cd/m2(Max)
5	Viewing Angle	±178° or better viewing angle
6	Contrast ratio	1200:1
7	Dynamic Contrast Ratio	30000:1
8	Response Time	Not more than 5 ms

9	Lifetime	50,000 hours or more
Touch Interactive Display - Audio System		
10	Speakers	2 x 18 Watts or Higher
Touch Interactive Display - Touch Technology		
11	Deployment of Touch Technology	Advanced Infrared
12	Thickness of the touch glass	4mm Toughened Glass with 9H Toughness or better
13	Surface technology	Anti-Glare
14	Touch accuracy	1mm or better
15	Touch Points in Windows	Must have a touch capability of minimum 20 points
Touch Interactive Display - Connectivity Ports		
16	Interface	USB3.0*3, Keys: Power/Homepage/Screen down/Record/ Touchlock /Setting, USB 2.0 : 2, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1 EARPHONE : 1 COAX : 1,
Smart System (Android)		
17	CPU	8 core A55 or better
18	GPU	Quad-core MaliG52 or better
19	Android version	Android 12.0 or Higher (With Play store)
20	Built-in Software:	File manager, Screen mirroring, Chrome, google play store, YouTube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording., Wireless Content sharing, text recognition. 4 Application split screen, screen recording, screen capture, Wireless File sharing form mobile phones. U disk lock screen, USB port Block, Multi-user management,
21	Built in VC Software	Host should be able to invite 100+ participants for online sessions, the software must have the capability of transmitting up to 4 cameras feeds simultaneously over Video Conference from the host login and the software should support 4K resolution video, chat, data collaboration and digital whiteboard. The software should provide the solution for Local Recording of the Virtual classroom session. Web Application Security Testing Certificate/ Security Test for Vulnerability Assessment and Penetration Testing Certificate by competent Authority should be submitted for the Video Conferencing Software. Interactive Display and Video conferencing software should be from same OEM
22	White Board Feature	Menu bar includes new whiteboard, storage, sharing, closing, and setting functions, Page management, Painting brush-preset 9 mono colors and 2 gradient, Thickness: preset 6 brush sizes, support ordinary brush, marker, pen three brush styles, as well as text recognition brush and graphics recognition brush two intelligent brush, eraser, Table, Timer, Voting, Withdrawal and redo, Single point / multi point, Mini whiteboard: QR code: Scan the QR code in the web link .for to use the mobile terminal to scan the annotation content (picture format).
23	Inbuilt Wi-Fi	Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a, Hotspot or better
24	Bluetooth	BT5.0 or better
25	RAM	4 GB or Higher
26	ROM	32 GB or Higher
27	Certification	BIS (Indian), CE, FCC & ROHS certification.
28	Warranty	3 Years or Higher.

E- 75" Interactive Display

75" Interactive Display		
S. NO	Parameter	Specifications
1	Display Panel Diagonal size	75 Inches or higher
2	Resolution	3840 x 2160 (4K or Higher)
3	Display Colour	1.07 Billion or Higher
4	Brightness	350 Max and 400 cd/m ² or better
5	Viewing Angle	±178 ° or better viewing angle
6	Contrast ratio	1200:1
7	Dynamic Contrast Ratio	30000:1
8	Response Time	Not more than 5 ms
9	Lifetime	35,000 hours
Touch Interactive Display - Audio System		
10	Speakers	2 x 20 Watts or Higher
Touch Interactive Display - Touch Technology		
11	Deployment of Touch Technology	Advanced Infrared
12	Thickness of the touch glass	4mm Toughened Glass with 9H Toughness or better
13	Surface technology	Anti-Glare
14	Touch accuracy	1mm or better
15	Touch Points in Windows	Must have a touch capability of minimum 20 points
Touch Interactive Display - Connectivity Ports		
16	Front Interface	USB2.0*2, Keys : Power/Homepage/Screen down/Record/Touchlock/Setting
17	Rear Interface	USB 3.0 : 1 USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1 EARPHONE : 1 COAX : 1
Smart System(Android)		
20	CPU	8 core A55 or better
21	GPU	Quad-core MaliG52 or better
22	Android version	Android 12.0 or Higher (With Playstore)

23	Built-in Software:	File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording.,Wireless Content sharing, text recognition. 4 Application split screen,screen recording,screen capture, Wireless File sharing form mobile phones.U disk lock screen,USB port Block,Multi-user management,Host should be able to invite 100+ participants for online sessions, the software must have the capability of transmitting up to 4 cameras feeds simultaneously over Video Conference from the host login and The software should support 4K resolution video, chat, data collaboration and digital whiteboard. The software should provide the solution for Local Recording of the Virtual classroom session. Web Application Security Testing Certificate/ Security Test for Vulnerability Assessment and Penetration Testing Certificate by competent Authority should be submitted for the Video Conferencing Software. Interactive Display and Video conferencing software should be from same OEM
24	White Board Feature	Menubar includes new whiteboard, storage, sharing, closing, and setting functions,Page management,Painting brush-preset 9 monocolors and 2 gradient,Thickness: preset 6 brush sizes,support ordinary brush, marker, pen three brush styles, as well as text recognition brush andgraphicsrecognition brush two intelligent brush, eraser,Table, Timer, Voting, Withdrawal and redo, Single point / multi point,Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format).
25	Inbuilt WiFi	Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a,Hotspot or better
26	Bluetooth	BT5.0 or better
27	RAM	8 GB or Higher
28	ROM	64 GB or Higher
29	Certification	BIS (Indian), CE, FCC & ROHS certification.
30	Warranty	3 Years or Higher.
OPS		
1	OPS	Interactive display must have 80 Pin OPS slot
2	Processor	It should have Intel i5 processor or higher with Licensed Windows 10 Professional OS. 10th generation or higher
3	RAM	It should have RAM of 8GB
4	ROM / Storage memory	It should have memory storage of 256GB SSD or higher
5	Interface	It should have USB2.0 x 2 ports,
		USB3.0x 4 ports,
		DP outx1 port,
		HDMI out x1 port.
6	Network	It should have RJ45 LAN port x 1
7	WiFi	It should have inbuilt WiFi with two antennas.
8	Bluetooth	It should have Bluetooth version 4.0 or above
9	Audio ports	It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mmx 1 port.

F - 4K 20x Optical zoom camera

S No	Parameter	Specifications
1	Sensor	1/2.8 inches CMOS, Effective pixels: 8.42 Megapixels or better
2	Lens	f3.47mm-41.65mm, F1.84-F3.72
3	Diagonal FOV	66.6°
4	Horizontal FOV	60° ~ 3.5°
5	Vertical FOV	35.7° ~ 2.0°
6	Video Format	YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps
7	Signal system	4K/30, 4K/25, 1080P/30, 1080P/25
8	Scanning mode	Progressive
9	Optical Zoom	20X Optical Zoom
10	Digital zoom	16X Digital Zoom
11	AI Feature	Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking
12	Minimum illumination	0.5Lux@(F1.8,AGC ON)
13	Shutter	1/30s- 1/10000s
14	White balance	Auto indoor,outdoor,one push, manual VAR
15	Backlight compensation	Support
16	Digital noise reduction	2D AND 3D Digital noise reduction
17	SNR	>55dB
18	Pan angle	170°
19	Tilt angle	-30° - 90°
20	Pan speed	2.7° - 35.7°/s
21	Tilt speed	2.7° - 31.5°/s
22	Image flip	Support
23	Present position	255
24	Video compression	H.264/MJPEG
25	Video stream	Dual Stream (First and Second Stream)
26	First stream resolution	3840x2160, 1920x1080, 1280x720 etc.
27	Second stream resolution	1920x1080, 1280x720, 1024x576 etc.
28	Video bit rate	32kbs-20480kpbs
29	Bit rate control	VBR,CBR
30	Frame rate	50Hz1fps-25fps,60fps-30fps
31	Audio compression	AAC
32	Audio bit rate	96kpbs,128kpbs,256kpbs
33	Protocols	NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, SRT, GB/T28181, Multicast
34	USB interface	1 x USB 3.0 Type-C
35	HD output	1 x HDMI
36	Network interface	1 x RJ45: 10M/100M/1000M Adaptive Ethernet
37	Audio interface	1 x Line In (3.5mm jack)
38	Control interface	1 x RJ45 (IN), 1 x RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P
39	Accessory	IR Remote Control and Wall Mount kit (included as standard accessory)
40	Certifications	BIS (Indian), CE, FCC, RoHS, and CB Certification

G- 4K 12x Optical Zoom Camera

4K 12x Optical Zoom Camera Specifications		
S No	Parameter	Specifications
1	Sensor	1/2.5 inches CMOS, 8.51 Megapixels or better
2	Lens	f4.4mm-52.8mm, F1.8-F2.6
3	Field of View (FOV)	78°
4	Video Format	YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps
5	Optical Zoom	12x
6	Digital Zoom	16x
7	AI Features	Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking
8	Minimum Illumination	0.5Lux @(F1.8, AGC ON)
9	Shutter	1/30s - 1/10000s
10	White Balance	Auto, indoor, outdoor, one-push, manual VAR
11	Backlight Compensation	Supported
12	Digital Noise Reduction	2D & 3D DNR
13	Signal-to-Noise Ratio (SNR)	>55dB
14	Pan Angle	170°
15	Tilt Angle	-30° to 90°
16	Pan Speed	2.7° - 35.7°/s
17	Tilt Speed	2.7° - 31.5°/s
18	Image Flip	Supported
19	Preset Positions	255
20	Video Compression	H.264/MJPEG
21	Video Stream	Dual Stream (First and Second Stream)
22	First Stream Resolution	3840x2160, 1920x1080, 1280x720, etc.
23	Second Stream Resolution	1920x1080, 1280x720, 1024x576, etc.
24	Video Bit Rate	32kbps - 20480kbps
25	Frame Rate	50Hz: 1fps - 25fps; 60Hz: 1fps - 30fps
26	Audio Compression	AAC
27	Audio Bit Rate	96kbps, 128kbps, 256kbps
28	Protocols	NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, SRT, GB/T28181, Multicast
29	USB Interface	1 x USB 3.0 Type-C
30	HD Output	1 x HDMI
31	Network Interface	1 x RJ45: 10M/100M/1000M Adaptive Ethernet
32	Audio Interface	1 x Line In (3.5mm jack)
33	Control Interface	1 x RJ45 (IN), 1 x RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P
34	Power Interface	JETA Type (DC IN 12V)
35	Accessory	IR Remote Control and Wall Mount kit (included as standard accessory)
36	Certifications	It should have BIS (Indian), CE, FCC, RoHS, and CB Certification. CB Test Reports must be submitted.

maH – 3 KVA Online UPS with 30 min. battery backup

Sr.NO	DESCRIPTION	Tender Specification	Compliance (Yes/No)
	Capacity	3kVA/2.4 kW.	
	Design	True online double conversion design	
Input Characteristics.			
	Nominal Input Voltage	230Vrms	
	Nominal Input Frequency	50Hz.	
	Input Power Factor	0.99	
	Type of Rectifier	IGBT Based PWM Rectifier	
	Input Voltage Range	110 Vac to 300 Vac.	
	Voltage Detection Tolerance $\pm 3\%$ Calibration	$\pm 3\%$ Calibration	
	Input Frequency Range	40-70Hz	
	Inrush Limitation	7*IRMS Nom	
	Current Protection	With Fuse.	
Battery Parameters.			
	Charging Method	Constant voltage constant current (CVCC)	
	Charging current Capacity	Settable 1/2/4/6	
	Number of Batteries	6 Nos.	
	Type of Batteries	SMF VRLA,Li-ion,Tubular	
Backup Time	30 mins	42 AH - 6nos.	
	Maximum Battery Leakage Current	500uA	
	Charge Voltage Accuracy	$\pm 1\%$	
Output Parameters.			
	Load power factor	0.8	
	Nominal Output voltage	208/220/230/240VAC Settable	
	Output Frequency	Frequency Range (Batt. Mode): 50 Hz \pm 0.1 Hz ; Frequency Range (Synchronized Range): 46Hz ~ 54 Hz @ 50Hz system	
	Output Waveform	Pure sine wave	
	Total Harmonic distortion (THD)	Less than 3% for Linear Load and Less than 6% for RCD Load	
	Inverter	IGBT based PWM with Instantaneous Sine wave control	
	Power Rating	3kVA/2.4 kW.	
	Dynamic response	IEC62040-3 Classification 1	
	Crest factor	3:1	
	Duty.	Continuous duty	
	Overload Capacity	AC mode:105%~110%: 10min、 110%~130%: 1min、 >130% : 1sec ;	

	Frequency synchronization Band for Static. Bypass	46 - 54Hz	
	Transfer (Inverter to Bypass)	0 ms	
	Retransfer (Bypass to Inverter)	0 ms	
	Automatic Bypass	Inbuilt	
	Overall efficiency (AC to AC)	90%.	
Miscellaneous Function			
	Intelligent Fans Speed Control	Yes.	
	Auto Restart Function	Yes.	
Physical and Environmental Characteristics.			
	Acoustic Noise Level	Less than 58dB @ 1 Meter	
	Ambient Temperature	0 - 50 Deg C	
	Storage Temperature	-15°C~60°C	
	Humidity	<95 % and non-condensing	
	Altitude	<1000m	
	Enclosure Protection Grade	IP 20	
	Cooling	Forced Air	
Metering (Digital display)			
	Input voltage	Advanced LCD based Display System, able to monitor Input Voltage/Battery Voltage/Output Voltage/Output Frequency/Input Frequency/Ambient Temperature.	
	Battery voltage		
	Output voltage		
	Output current		
	Output frequency		
	Input Frequency		
	Heat sink temperature		
	Fault indicated on Digital Display Alarms	LED indication display	
	input fail	Inbuilt and accessible on LCD Display.	
	Battery Low		
	Transfer to bypass and system fault		
	LED Indications		
	Protection	Overload/Short Ckt/Battery Deep Discharge/Low Battery/Reverse Battery/Inverter Current Limitation/Over Temperature/Output Overvoltage.	
	Optional features	RS 232 communication port for interfacing, Remote monitoring	
Standards			
	Low freq Conducted disturbance	IEC61000-2-2	
	Other Standards		
	Continuous Electromagnetic Susceptibility	IEC 61000-4-3	

	Electrical Fast Transient Compatibility	IEC 61000-4-4	
	Surge	EN 61000-4-5: 2005	
	CRFI	IEC61000-4-6	
	Magnetic Field Immunity	IEC 61000-4-8	
	Transportation	IEC 60068-2-32, IEC 60068-2-64,IEC 60068.2-27	
	Protection	IP-20	
	NABL approved Government lab test certificate	Yes.	
	ISO certifications	ISO 9001, ISO14001,ISO27001,ISO 45001:2018	
	BIS registration	Available	
	warranty	3 Years or Higher.	
	Top 5 company in terms of revenue	Yes, Frost and Sullivan report	
	OEM Turn Over in India for last 3 years	Min. 1000 Cr. In last 3 years (each year)	

Bid Specific Additional Terms and Conditions

1. Warranty/guarantee period of the supplied hardware shall be at **least 3-year** or may be more from the date of final acceptance of the goods or after completion of the installation, commissioning & testing of the goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of the Goods. The seller should provide guarantee for the rectification of the goods in case, of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.
2. 80% of the payment of the supply items against the following S.Nos. in the Schedule of Requirements shall be cleared upon delivery of the same :
 - S.No. 1 - Interactive Flat panel, Digital Podium, Amplifier with Speakers and UPS
 - S.No. 4 - 1.5 Ton ACs with Fitting and Piping
 The complete payment of the S.No. 2 - Civil Work and S.No. 3 – Electrical Work in the Schedule of Requirements and the remaining 20% payment against S.No. 1 and S.No. 4 shall be cleared to firm after 30 days of successful installation and commissioning as well as satisfactory demonstration work at the University. Scope of supply (Bid price to include all cost components including installation, commissioning, etc.): Supply Installation Testing Commissioning of the Goods and Training of operators and providing Statutory Clearances required (if any). Installation at consignees' site should be free of cost immediately on arrival of the equipment.
3. Seller offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
4. In case the quality of the item(s) supplied are not in conformity with the standard specifications at any stage these item(s) shall immediately be taken back by the seller and will be replaced with the quality item(s) on their own cost without any delay. The competent authority reserves all the rights to reject the item(s) if the same are not found in accordance with the required and declared description/specifications and liquidated damages shall be charged. The seller is required to provide the demonstration of the equipment's at MMMUT premises to the MMMUT representatives for its evaluation as per the specifications& desired functionality standard. In this regard all the expenses related with electrical component and unit ware will be borne by the seller.
5. Where the specifications are as per seller's range of products the seller's offer should mention that all the items meet all the specifications as per the BOQ/purchase/work order that ordered firm and if there are improvements/deviations, the same should be brought out on separate Letter Head of the firm. It would be the discretion of the competent authority of

the University to accept or reject such deviations which are not in accordance with our required specifications as given below the financial bid.

6. It must be mentioned clearly whether seller is a manufacturer/sole distributor/ sole agent for the items for which he is quoting.
 - a. Manufacturer must add a certificate that item(s) is manufactured by them as per the range of the products.
 - b. MAF must be submitted for UPS against this bid.
7. Items should be delivered within 90 days from date of receipt of purchase order via mail/email (whichever earlier) and acknowledgement of the same should be sent to buyers within 7 days of receipt of the purchase order. If the delivery is not executed on due date, the buyer has the right to impose penalty/liquidity damages as under:
 - i. Liquidated Damages Per Day Min %: 0.01
 - ii. Liquidated Damages Max %: 10
8. Legal Jurisdiction:- All disputes and question, if any arising between the buyers and the sellers out of or in connection with the terms and conditions contained herein or as to the construction of application thereof, or the respective rights and obligations of the parties there under or as to any clause or thing herein contained or by reason of the supply or failure or refusal to supply any material or as to any other matter in any way relating to these presents shall be referred to the sole arbitration of the Hon'ble Vice Chancellor of the MMMUT, Gorakhpur or his nominee. The decision of the sole arbitrator shall be final and binding upon both parties and subject to adjudication of Gorakhpur Court.
9. After the issuance of the purchase/work order, the ordered firm is required to visit the University with their authorized signatory and two witnesses on any working day and sign over agreement/MoU with the Finance Controller on Rs. 100/- value of non-Judicial stamp paper, failing which the Purchase Order/Work Order shall be cancelled with immediate effect and in this regard the University shall not be responsible at all. The supplied goods specification must be at par with the BOQ of the bid and purchase/work order.
10. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service centre is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre
11. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should not be less than 200 lakhs. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 years old, the average turnover in respect of the completed financial years after the date of constitution shall be considered for this criterion.
12. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date
13. Upload Manufacturer authorization: Networking Switches and UPS: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details, required to be furnished along with the bid.
14. Dedicated /toll Free Telephone No. for Service Support: BIDDER/OEM must have Dedicated/toll Free telephone No. for Service Support.
15. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
16. Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category IT Products to any Central /

State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

17. ISO 9001: The bidder must have ISO 9001 certification. (Related certificate copy required).
18. The podium and Interactive Flat panel should have functional compatibility and should be of same make.
19. The OEMs of the Podium and the Interactive Flat Panel should have direct support staff in Uttar Pradesh for immediate technical support. Official HR documentation Required.
20. The OEMs of the Podium and the Interactive Flat Panel should have a dedicated/ toll free Telephone No. for service support, Escalation Matrix for Service support.
21. The OEMs of the Podium and the Interactive Flat Panel must have a valid ISO 9001:2015, ISO 45001:2018, ISO 27001:2022 and ISO 14001:2015 Certificate (Related certificate copy required).
22. The OEMs of the Podium and the Interactive Flat Panel must have established office in India from more than 05 Years. (Valid Certificate of incorporation required).
23. The OEMs of the Podium and the Interactive Flat Panel must have a manufacturing unit in India possessing a valid and latest factory license, certified quality processes audited & acknowledged by QCI (through On-Site/Virtual Assessment) and recognized domestic R&D Facility will be eligible. (Factory License, OEM Assessment Report (Abridged) and Recognition Letter for in-House R&D by QCI and DSIR respectively or Government of India recognized certification authority to be submitted along with MII Declaration).
24. Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
25. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
26. The Bidder should not have been debarred/black-listed by any Central/State Government Agency. An affidavit by bidder and his OEM must be submitted as on the date of publishing of tender.
27. Performance bank guarantee: Successful bidder will be required to submit performance bank guarantee or in the form of demand draft of 3% of total quoted rate. Demand draft or performance bank guarantee shall be drawn favour of Finance Controller, MMMUT payable at Gorakhpur.
28. The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be (Increased quantity Original quantity) x Original delivery period (in days), subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.