

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



MITS

Tender Cost: Rs.3000/- + 18% GST=Rs.3540/-
EMD: Rs.30,000/-

(Both acceptable only in the form of drafts drawn in favour of
Vice-Chancellor, MITS-DU, Self-Financed)

TENDER DOCUMENT

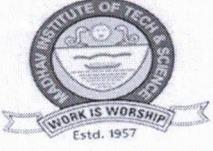
FOR

Up-gradation of Augmented and Virtual Reality

(AR/VR) Lab

TENDER, Feb 2026

[Handwritten signatures and initials]



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



MITS

GENERAL TERMS & CONDITIONS

Terms & Conditions of Tender

1. Eligibility Criteria for Applying for the Tender:

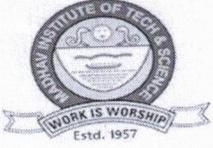
- (a) Valid GST Registration Certificate with GSTIN Number.
 - (b) Proof of the latest Income Tax Return.
 - (c) Valid PAN Card.
2. The validity of the rates shall be up to one year from the applicable date of the tender and may be extended with the permission of the competent authority.
 3. The Vice-Chancellor, MITS, Gwalior reserves the right to accept or reject any or all tenders without assigning any reason thereof.
 4. The rates should be F.O.R. at site (University Premises). No extra charges on this account (such as octroi, surcharge, etc.) shall be payable to the supplier.
 5. The rates should include the cost of all materials, labour charges, profit, and applicable taxes, if any.
 6. The tenderer whose tender is accepted shall sign an agreement as per the prescribed format.
 7. Any amount due or becoming due from the tenderer shall be recovered from their bills.
 8. The competent authority reserves the right to increase or decrease the quantity of any item during execution of the work. The tenderer shall comply with such orders without any claim for compensation.
 9. The competent authority reserves the right to reject any or all tenders, in whole or in part, without assigning any reason. Even the lowest tender does not necessarily qualify for award of the order.
 10. The rates quoted should be competitive and workable.
 11. Any legal dispute shall be subject to the jurisdiction of Gwalior only.
 12. The contractor shall comply with all applicable labour laws and regulations.
 13. Before making any supply of materials to the university, the contractor shall obtain approval from the competent authority or their representative. Otherwise, the supply shall not be approved. The contractor shall submit an approved sample to the office for verification, if the items are not of reputed or registered make.
 14. The contractor shall satisfy themselves regarding the scope and magnitude of the supply and work by visiting the site before submitting the tender.
 15. The warranty period must be clearly specified as per the latest terms and conditions of the original manufacturer. The warranty shall include the cost of parts and labour for the full warranty period.
 16. The warranty period shall be considered from the date of successful commissioning of the items.
 17. Payment shall be made after successful and satisfactory completion of supply and work.
 18. Taxes shall be deducted from the bill as per applicable rules.
 19. GST shall be payable on the gross amount of the bill as per prevailing law. The quoted item cost must include all applicable taxes.
 20. In case of any mishap during execution of the work, the contractor shall be solely responsible for any compensation arising therefrom.
 21. The minimum annual turnover of the vendor and OEM should be Rs. 10 lakh. Documentary proof of the same must be enclosed with the tender.
 22. The bid shall consist of two separate sealed envelopes:

Envelope 1: EMD and all required documents as mentioned above.

Envelope 2: Financial Bid only.


20/11/20





माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)

NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



MITS

23. Envelope 2 shall be opened only after validation of the documents and EMD submitted in Envelope 1. Both envelopes must be placed inside one larger sealed envelope superscribed as:
"Up-gradation of Augmented and Virtual Reality (AR/VR Lab)".
All envelopes must be properly sealed.
24. The tender should be addressed to:
The Vice-Chancellor
MITS-DU, Gwalior – 474005.
25. The vendor's name, contact details, and complete address must be clearly mentioned on the envelope.
26. Only hard copy submissions of the tender shall be accepted. Online tenders shall not be accepted.
27. The tender document may be downloaded from the University website: www.mitsgwalior.in. In such cases, the tender form cost must also be submitted along with the bid.
28. Bidders need to attach catalogues for all quoted items.
29. Bidders may attach MSME/NSIC certificate if have.
30. The bidder needs to mention the make and model for each part and subpart with exact details of accessories, failing which the bid is liable cancellation
31. Bidder should participate in all the items. Submission of single item or portion of the item(s) will be considered as disqualification.
32. The bidder should submit min. of three purchase orders with a similar AR-VR setup in association with Indian universities/reputed engineering colleges in the last three years (FY 2023-24, FY 2024-25, FY 2025-26). Reference Po should be attached by bidder.
33. Bidder should have supplied similar items in IIT/ NIT/any other Institutes in last 3 years. Reference Po should be attached by bidder.
34. The bidder may be called for presentation / demonstration during the technical evaluation based on committee needs and must be fulfilled within 48 Hours.
35. The performance security amount (5 percent of Total Billing amount) will be deducted at the time of Payment, and EMD amount will be adjusted in the performance security. The amount will be released after getting the satisfactory performance letter from university authorities as per norms.
36. The tender form cost and EMD shall be accepted only in the form of Demand Drafts drawn in favour of Vice-Chancellor, MITS-DU, Self-Financed.

(Dr. R.K. Pandit)
Vice-Chancellor

I have studied the above general terms and conditions of the contract and shall abide by them.

Signature with Seal of Contractor/Firm

Name:.....

Date:.....

Important Dates and time (inclusive of only on working days and in working hours):

Activity	Last Date	Time
Purchasing of forms	06/03/2026	Up to 02:00 PM
Submission of complete tender forms	06/03/2026	Upto 03:00 PM
Opening of Technical Bids	06/03/2026	At 04:00 PM
Opening of Financial Bids	After evaluation of technical bids;	

20/4/26

2

2

2

2



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



MITS

Tender Notice

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University
(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ Grade
Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA
Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in

TENDER -NOTICE

Sealed tenders for the following categories are invited from the eligible firms/Agencies:

SN	Tender Name	Last Date of Submission
1	High Performance Computing Lab Equipments	06.03.2026
2	Upgradation of AR/VR Lab	06.03.2026
3	Equipments for Maintenance of Grounds	06.03.2026

The tender documents and other details are available on institute website www.mitsgwalior.in.
OSD, VC, MITS-DU, Gwalior

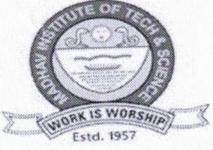
[Handwritten signature]
20/2/26

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



MITS

Up-gradation of Augmented and Virtual Reality
(AR/VR) Lab

Sl. No	Requirements			Qty	Unit rate(in fig and words)	GST %	Total price Inclusive of GST
	Item Description	Specification					
1	VR Headset - 512GB with essential accessories	<ul style="list-style-type: none">Processor: Qualcomm Snapdragon XR2 Gen 2 or equivalentRAM: 8 GB, Storage: 512GB or higherPassthrough fidelity – color 4MP, 18PPDController Tracking : Hybrid using computer vision and machine learning trackingResolution: Minimum 2064 x 2208 1218 PPI 25 PPD per eyeRefresh rate: 72Hz / 90 Hz or higherLink cable for VR Headset (original)Elite Strap for VR Headset (original)Carry case for VR Headset (original)	4				
2	Mixed Reality Headset	<ul style="list-style-type: none">Display Optics: See-through holographic lenses (waveguides) Resolution: 2k 3:2 light engines Holographic density: >2.5k radiants (light points per radian) Eye-based rendering: Display optimization for 3D eye positionSensors Head tracking: 4 visible light cameras Eye tracking: 2 IR cameras Depth: 1-MP Time-of-Flight (ToF) depth sensor IMU: Accelerometer, gyroscope, magnetometer Camera: 8-MP stills, 1080p30 videoAudio and speech Microphone array: 5 channels Speakers: Built-in spatial soundHuman understanding Hand tracking: Two-handed fully articulated model, direct manipulation Eye tracking: Real-time tracking Voice: Command and control on-device; natural language with	1				

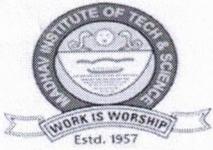
(Signature)
20/12/20

(Signature)

(Signature)

(Signature)

(Signature)



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)

NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



		<ul style="list-style-type: none"> internet connectivity <p>Windows Hello: Enterprise-grade security with iris recognition Environment understanding 6DoF tracking: World-scale positional tracking</p> <ul style="list-style-type: none"> Spatial Mapping: Real-time environment mesh <p>Mixed Reality Capture: Mixed hologram and physical environment photos and videos</p> <ul style="list-style-type: none"> Compute and connectivity SoC: Qualcomm Snapdragon 850 Compute Platform <p>HPU: Second-generation custom-built holographic processing unit</p> <ul style="list-style-type: none"> Memory: 4-GB LPDDR4x system DRAM <p>Storage: 64-GB UFS 2.1</p> <ul style="list-style-type: none"> WiFi: Wi-Fi 5 (802.11ac 2x2) <p>Bluetooth: 5 USB: USB Type-C</p> <ul style="list-style-type: none"> Software Windows Holographic Operating System <ul style="list-style-type: none"> Power Battery life: 2–3 hours of active use 				
3	Trackers for VR	<ul style="list-style-type: none"> Tracking: Support for SteamVR™ BS1.0 and BS2.0 Dimensions: 70.9 × 79.0 × 44.1 mm Battery Life: 7.5 hours or more Field of view: 240° or higher 	4			
4	Haptic Devices (Gloves + Suit)	<p>Haptic Gloves:</p> <ul style="list-style-type: none"> Number of Feedback Points: 6 (6 LRA Motors Each) Playtime: 3.5 Hrs Charging Time Battery: 2 Hrs Connectivity: BLE <p>Haptic Suit</p> <ul style="list-style-type: none"> Number of Feedback Points: 16 (16 ERM Motors) Playtime: 12 Hrs Size Details: Body Circumference 24 - 50 in. (61 - 127 cm) Connectivity: Dual- Bluetooth (BLE) & 3.5mm Audio Jack Compatibility: Meta Quest 3, 3S and 2, steam VR, PS VR USB Type C Cable & Audio Cables- Connectors 	1 Set			
5	360° action camera	<ul style="list-style-type: none"> Video / Recording: 360° Video: 8K (7680×3840) at 30/25/24 fps Photo: Max 72 MP (11904×5952) 360° photo Formats & Features: Video formats: MP4 for single-lens mode; INSV for 360° mode 	1			

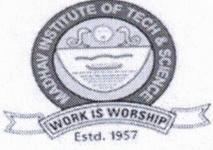
(Handwritten signature)
20/2/20

(Handwritten signature)

(Handwritten signature)

(Handwritten signature)

(Handwritten signature)



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in



MITS

		<ul style="list-style-type: none">Lens / Optics / Sensor: Sensor size: 1/2-inch, Aperture: f/1.9 , 35 mm equivalent focal length: ~6.7 mmAudio: Stereo audioBattery & Power: Battery capacity: ~2290 mAhConnectivity: USB-C port (USB 3.0), WiFi: 5 GHz, 802.11a/n/ac Bluetooth: BLE 5.2				
6	Depth Sense Camera	<ul style="list-style-type: none">Operating Range (Min-Max): 0.3m - 3mDepth Resolution and FPS: 1280 X 720Depth Field of View: 87° x 58°RGB SensorSystem Interface Type: USB 3 Type C	1			
7	EEG Electrode Cap Bundle 16-channel EEG	<ul style="list-style-type: none">EEG Electrode Cap: Premium 19-channel electrode cap with patented, sintered Ag/AgCl electrodes with a cap with electrodes, a syringe, and a cleaning brush.Cyton 8-channel Board with 8 differential, high gain, low noise input channels, RFDuino™ Low Power Bluetooth™ radio, 24-bit channel data resolution, +/-2.5V analog operating voltage, Texas Instruments ADS1299 ADCDaisy 8-channel Add-on Module with 8 differential, high gain, low noise input channels, Texas Instruments ADS1299 ADC, 24-bit channel data resolution, +/-2.5V analog operating voltageFT231X USB-to-serial converter from FTDIprogrammable dongle (for bluetooth communication)Clear board case, Lithium battery and chargerHeader Pin to Touchproof Electrode Adapter: 26 gauge stranded wire, Insulation = PVC rated to 80°C, Overall OD = 1.45mm/0.057"16oz Gel for electrode capOpenBCI's software to be provided.	1			
8	Green Screen Setup	<ul style="list-style-type: none">Green Screen Backdrop kit	1			
9	Curved Monitor	<ul style="list-style-type: none">Diagonal Size: 34" (86.36 cm) or higherResolution / Refresh Rate: 3440 x 1440, refresh rate up to 120HzPanel: VA4 Star CertifiedVivid Colours: 99% sRGB and 95% DCI-P3Ports: 2 HDMI ports, 1 USB-C 5Gbps portCables & Connectors etc.	2			

* No cutting or overwriting is permitted.

Date:
Place:

Sign & Seal of Contractor/Firm/Agency

717


20/2/26







