



Mahatma Gandhi University, Kerala

Tender No: SOCS/SWAYAM LAB/MGU/eTender/2020

Dated: 04.02.2021

**NOTICE INVITING RE-TENDER**

**(Tender No: SOCS/SWAYAM LAB/MGU/eTender/2020)**

The Registrar, Mahatma Gandhi University, Kottayam invites online bid (technical and financial bid) from reputed firms for **the Supply, Installation & Setting up of Professional Level MULTIMEDIA LAB (on TurnKey Basis) under SWAYAM, the indigenous platform of the MHRD** The period of the tender is 180 days from the date of tender.

1	Name of the Work	<b><u>Supply, Installation &amp; Setting up of professional Level MULTIMEDIA LAB (on TurnKey Basis)</u></b> under SWAYAM, the indigenous platform of the MHRD
2	Earnest money deposit (EMD)	Rs 14,700 /-
3	Tender submission fee	Rs 2200/- + GST [Rule as per SPM] 0.15 % of the cost of tender rounded to the nearest multiple of 100, subject to a maximum of 25,000/- + VAT as applicable
4	Period of supply and installation	Within 15 days
5	Mode of submission of Bid	Online
6	Tender Documents	Can be downloaded from the website <a href="http://www.etenders.kerala.gov.in">www.etenders.kerala.gov.in</a>
7	Last date and Time of submission of tender by online	15.02.2021 4.00PM
8	Date and time of opening of technical bid	17.02.2021 11 AM

General tender documents and tender schedule can be downloaded in A<sub>4</sub> plain size paper free of cost from the website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in).

Documents to be submitted along with bid through online:

Sl.No	Through online
1	Scanned copy of valid registration certificate/dealership certificate
2	Scanned copy of duly filled e-payment form
3	Scanned copy of other certificates required, if any, for tender acceptance
4	Scanned Copy of duly filled preliminary Agreement in stamp paper of Rs.200/-
5	BOQ

### **Special Conditions**

1. The intended bidders can verify the proposed site and building SCHOOL OF COMPUTER SCIENCES between 10.15 am and 4.45 pm on all working days till the last date of submission of tender. Rate should be quoted only after visiting the site at SOCS, M G University
2. List of your customers using the instrument with the above mentioned specifications should be given.
3. Laboratory floor space, electrical power requirements, earthing, room temperature/ humidity requirements etc. should be mentioned appropriately.
4. Complete set of service and operation manuals for diagnosis, trouble shooting, maintenance and electronic circuitry (soft copies).
5. The Delivery Schedule, Payment Terms & Warranty/Guarantee, AMC conditions, nearest servicing centers details, user reference and supporting catalogues should be provided (soft copies) etc must be clearly indicated in the technical bid.
6. All the clearance of the consignment should be carried out by the bidder. Institute will provide all the necessary documents for the same. The consignment should be delivered to the laboratory by the bidder.
7. The price quoted in BOQ should be inclusive of all taxes (GST, shipping, installation training charges, etc)
8. Scanned copy of brochure of different models quoted should be enclosed.
9. Payment process will be initiated only after satisfactory supply of the items and installation after receiving reports from the experts from the University.
10. If the date of receipt and opening of the tenders is declared a holiday, the same time of the next working day will be the last date and time for the purpose.

The bids shall be opened at the date and time specified. Further details can be had from the office of **The School of Computer Sciences, Mahatma Gandhi University, Kottayam-686560, KERALA, India.**

**Mob: 9446459644, Email : [binduvr@mgu.ac.in](mailto:binduvr@mgu.ac.in)** on all working days during working hours. The bidders are advised to submit their bid well in advance to avoid any kind of network issues.

The undersigned reserves the right to reject any or all the tender without assigning any reason whatsoever.

**Assistant Registrar V (Admn)  
For Registrar**

**Sealed tenders are invited for Supply, Installation & Setting up of Professional Level MULTIMEDIA LAB under SWAYAM, the indigenous platform of the MHRD, MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

A professional level multimedia lab to setup in the university, should meet the following requirements:

- Can be used to record, archive and upload various online classes under SWAYAM, the indigenous platform of the MHRD, GOI providing an integrated portal and platform for hosting Massive Open Online Courses (MOOCs), developed under the aegis of NME-ICT
- Can be used for conducting various professional multimedia courses
- Can be used by M.Sc, M.Phil students and research scholars of the University
- Can be used for professional video production works
- **ELIGIBILITY CRITERIA**

1	Bidder should be, a Company registered In India or Registered Partnership / proprietary firms	Copy of valid Registration Certificates/ Copy of Certificates of incorporation
2	Turn over shall be a minimum of average 5 Cr. During last 3 financial years.	CA Certified Balance sheet Proof to be attached
3	Should not have been blacklisted by any of the Government entities under state / central government.	Self-Certificate
4	The bidder should have a registered number of i. GST where his business is located ii. Income Tax / PAN number.	Copies of relevant certificates of registration
6	Should have executed projects with single order value of 75 Lakhs	Copy of Work Order
7	The bidder should have an office in Kerala	Documentary Proof
8	The bidder should submit Manufacturer Authorization Form (MAF) from the OEM for all the quoted products along with the technical bid.	MAF

**ITEMS WITH SPECIFICATIONS FOR TENDERING**

Sl.No.	Item	Qty	UoM
1	<p><b>Desktop Computer to be used for multimedia content production:</b></p> <ul style="list-style-type: none"> <li>· Dual Xeon Processor Air Cooling Kit (E5-2620 v2 2.10Ghz 15MB 1600 6C 1st CPU)</li> <li>· 1TB 7200 RPM SATA 1st Hard Drive</li> <li>· 500GB 7200 RPM SATA 2nd Hard Drive</li> <li>· USB Keyboard</li> <li>· USB Optical Mouse</li> <li>· SuperMulti DVDRW SATA 1st</li> <li>· NVIDIA Quadro GPU (K4000 or better)</li> <li>· 32GB DDR3-1866 (8x4GB) 2CPU Unbuffered RAM</li> <li>· 21" Monitor (1920 X 1080), Windows 10 Professional 64bit OS, Licensed Antivirus, 5 year Warranty</li> </ul>	1	Nos.
2	<p><b>Desktop computer:</b> Intel Core I5 10<sup>th</sup> Gen Processor, 8GB DDR4 RAM, 128 GB SSD, 1 TB SATA HDD, NVIDIA GeForce GT 730 2GB GDDR5 graphics card, 18.5" LED, Keyboard, Mouse, High quality headphones, Licensed Windows 10 Professional, , Licensed Antivirus, 5 year warranty</p>	2	Nos.
3	<p><b>Video Camera with accessories</b></p> <p>Three 1/3" type; Full HD CMOS sensors; PAL color; 1920x1080/50i; Gross Pixels ≥ 2.2 Million; camera to have a resolution of ≥ 850 TVL; Sensitivity: ≥ F10; S/N 54 db; Motorized Zoom Lens&gt;20X (28 mm to 560mm) with optical image stabilization; Proxy Video; Aspect Ratio 16:9; Audio: AAC 2ch, 16bit, 48kHz; Multi-Camera Synchronizing with Genlock IN and TC IN/OUT; HD Recording ≥ 50 Mbps, should also support Intra / LONG GOP recording. Two or more Memory Card/Media Slots, Hot Swap for Continuous Recoding, with content security features. To support AVC H.264/MPEG4, MOV Files / Quick Time; Video out: SDI &amp; HDMI. Camera to have a suitable Tripod, with minimum payload. Tripod should have floor spreader. <b>Accessories:</b> Camera bag, Extra battery and charger, memory card and card reader</p>	1	Nos.
4	<p><b>Video Capture Card:</b> compatible to the NLE software similar to Black Magic Design/ HD Extreme / AJA / MATROX / DVS. Native editing for DV, DVCAM, DVCPRO, DVCPRO 50, DVCPRO HD, AVC-INTRA, Long GOP, XAVC, FireWire device control, Still images: PSD, BMP, JPEG, PICT, PNG, SGI, TARGA, TIFF. Support for AIFF, WAV, MP3, CAF, BWF, SDII, NeXT, QuickTime.</p>	1	Nos.
5	<p><b>Interactive touch screen panel</b> with required computer, pen and software &amp; appropriate adjustable Mount with total upto 6' Height.</p>	1	Nos.
6	<p><b>Vision Mixer/Switcher:</b> For connecting Cameras, Interactive Panel and Tablet: 4-CH HD Video Switcher with Inbuilt Frame Synchronizer on all inputs, Frame Storage capabilities, supporting 2-CH HD-SDI, 2-CH HDMI inputs, 2-CH HD-SDI &amp; 1-CH HDMI outputs, 1 x</p>	1	Nos.

	Chroma- Keyer, 1x DSK.		
7	<b>Audio mixer:</b> Input channels: 8 Channels with minimum 6 Mic/Line selectable inputs. I/O interface: XLR / Phono, (balanced/un-balanced).	1	Nos.
8	Lapel mic for recording audio	2	Nos.
9	32" TV with HDMI Input	1	Nos.
10	External Hard Disk (4TB)	1	Nos.
11	Pair of reference multimedia monitors	1	Nos.
12	Studio Cool lights with dimmer	2	Nos.
13	Adobe Creative Cloud for Teams (Annual Subscription prepaid plan)	1	Annual Prepaid Plan for 1 year
14	Networking with 12 Information outlets	-	-
15	Electrical work for providing 12 UPS points	-	-
16	Furniture including tables, chairs, cupboards etc	-	-
17	Floor carpeting	-	
18	Air Conditioner (1 ton)	2	Nos

