



UNIVERSITY OF CALICUT
(Department of History)

File No. 132508/HIS-ASST-1/2016/Admn

Calicut University P.O
Dated 03.08.2017

TENDER NOTICE

Sealed and superscribed competitive are invited by the Registrar, University of Calicut for the supply and installation of the items with specifications mentioned in the scheduled below to the Department of History.

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| Tender Number | File No. 132508/HIS-ASST-1/2016/Admn dt. 03.08.2017 |
| Tender Form | The tender form can be obtained from the Department of History on payment of cost of tender form of Rs. 618/- or can be downloaded from the University website (including general conditions provided thereof). In case the tender form is downloaded from the website separate DD for Rs. 618/- drawn in favour of the Finance Officer, University of Calicut should be enclosed with the tender towards the cost of tender form (website-university of calicut.info). |
| Date and Time and Place for acceptance of tender | Sealed tenders with EMD of Rs. 3091/- (Rupees Three thousand and ninety one only) drawn in favour of Finance Officer should be submitted to the Head, Department of History, University of Calicut, Malappuram – 673635 on or before 18.08.2017 4 p.m. |
| Date and time of opening of tender | 22.08.2017 11 a.m. |
| Date upto which rates are to be firm | 120 days from the date of first supply order |
| Superscription | Tender for the supply and installation of Audio Video sound system to the Department of History |
| Place of delivery of the item | Department of History, University of Calicut, Malappuram – 673635 |

SCHEDULE OF ITEMS

| Sl. No. | Equipment | Item Description | Qty |
|---------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1 | Speaker | Wall Mount 30W speaker. Compact, versatile, hi-fidelity systems. High quality enclosure. Clear sound reproduction. Great sensitivity, dispersion & wide frequency range. Ergonomically designed to integrate in a wide variety of architectural environments. Speaker Type- Book Shelf , Speaker Units- 5" Woofer & 1" Tweeter. Rated Power: 30W, Power Tap Selection: 30W / 15W / 7.5W/ 3.75W, 8 Ω Frequency Response: 100Hz-20KHz , Input Voltage (Max): 100V , Sensitivity: 88 \pm 3dB (1W,1M). Cabinet Material - MDF. Dimensions (WxDxH) mm182 x 184 x 270 One year warranty | 4 |
| 2 | Amplifier | 250 W Amplifier . POWER OUTPUT: 300W Max., 250W RMS at 10% THD, 220W RMS at 5% THD, 200W RMS at 2% THD, 220W RMS at 5% THD, 200W RMS at 2% THD. INPUT CHANNELS: 6 \times Mic 0.65mV/4.7k Ω , 2 \times Aux 100mV/470 k Ω , 1 \times Line 1V/50k Ω . FREQUENCY RESPONSE: 50- 15,000Hz \pm 3dB. SIGNAL TO NOISE RATIO: 60dB , TONE CONTROLS- Bass: \pm 10dB at 100Hz, Treble: \pm 10dB at 10kHz , OUTPUTS Preamp 200mV/600 Ω , Line 1V/1k Ω . SPEAKER OUTPUTS: 4 Ω , 8 Ω , 70V & 100V. POWER SUPPLY AC: 220-240V 50/60Hz DC: 24V (2 \times 12V Car Battery). POWER CONSUMPTION AC: 500VA DC: 6A. DIMENSIONS: W450 \times H160 \times D340 mm , WEIGHT 16.0kg One year warranty | 1 |
| 3 | Mixer | 8 Channel Mixer Individual GAIN Control. BASS, MID & TREBLE Controls. ECHO Control (for individual channels). PAN Control (for individual channels). Channel On/Off switches & Faders provided.E POWER REQUIREMENTS AC: 220-240V 50/60Hz DC: 24V (2 \times 12V Car Battery) , MIC INPUT (IMPEDANCE/GAIN) 2k Ω /62dB , LINE INPUT (IMPEDANCE/GAIN) 20k Ω Balanced/42dB 10k Ω Unbalanced/42dB , FREQUENCY RESPONSE 30Hz - 20kHz (+0,-1dB) , TONE CONTROLS Bass : \pm 12dB at 100Hz , S/N RATIO >70dB (0dBm, 0.775V) , DIMENSIONS W423 \times H93 \times D302 mm , One year warranty | 1 |
| 4 | Dynamic hand held Microphone | Supply and Installing of dynamic hand held Microphone with minimum 15 meter XLR cable. 3 operational modes for quick sound variation. Low Cut: Use this mode for a quick Low roll-off. This mode reduces unwanted low frequencies & enhances mids Flat: This mode simply bypass all kind of attenuation. Use this mode for a fuller more natural tone -7dB: This mode reduces the sensitivity of | 1 |

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| | | <p>the microphone. Use this mode to reduce 'Proximity Effect' & unpleasant 'Pops'</p> <p>Extra wide frequency response designed to suit every professional vocal applications</p> <p>Dynamic super- cardioid pickup pattern minimizes off-axis pick-up, feedback and provides higher system gain.</p> <p>Suspended cartridge shock-mount system, to minimize handling noise</p> <p>Low-failure magnetic on-off switch.</p> <p>Rugged body and dent-proof steel grill that withstands, physical shocks</p> <p>One year warranty</p> | |
| 5 | Wireless Microphone system | <p>Supply and Installing of Dual Wireless Microphone system with Receiver , hand held Microphone and Lapel Microphone UHF Band frequency by PLL - Synthesis Technology 8 Selectable UHF Channels</p> <p>Two Microphones can be used at the same time, Double noise squelching circuit to ensure excellent sound quality LED for Channel information Display</p> <p>Highly efficient & Low Energy consumption design</p> <p>One year warranty</p> | 2 |
| 6 | Goose Neck Microphone | <p>Supply and Phantom Powered Goose Neck Microphone with minimum 10 meter XLR cable Professional high quality 21” gooseneck microphone. Sleek and unobtrusive design. High sensitivity allows superior vocal reproduction. High gain before feedback.Built-in XLR socket.Supplied with Microphone Base with On/Off Switch & LED. Works on external +48V phantom supply .</p> <p>Anti Mobile & RF Interference Technology</p> <p>One year warranty</p> | 1 |
| 7 | Power Unit for Microphones | <p>High quality 48 volt Phantom Power Unit for Condenser Microphones. Balanced Gold Plated XLR Input/output connection. Supplied with 18V Power Adapter.</p> <p>Light weight for easy portability. Compact & Light weight for easy portability. Useful unit if used with a mixer that does not have provisions for on-board Phantom Power.</p> <p>One year warranty</p> | 1 |
| 8 | XLR Cables | <p>Supply and laying of high quality XLR cables in existing conduits. Rack To Podium</p> <p>One year warranty</p> | 40 Mtr |
| 9 | XLR Connectors | <p>high quality XLR connectors</p> <p>One year warranty</p> | 4 |
| 10. | XLR trap box | <p>Supply and Fixing of high quality XLR trap box with shutter and 1 XLR connectors</p> <p>One year warranty</p> | 4 |

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| 11. | Cabling | Supply and laying of 2 x1.5 sq.mm 650/1100V grade PVC insulated standard copper conductor cables confirming to IS 694 Part I 1990 in existing PVC conduits and giving necessary connections to the amplifier and loud speaker One year warranty | 100 Mtr |
| 12. | PVC Conduit | Supply and Fixing of 20 mm PVC conduit/casing and Caping conforming to IS 9537/1983 part III along with all required accessories on surface including making Good the damages etc. One year warranty | 80 Mtr |
| 13. | 9U Rack | Supply and installation of complete Metal constructed system Rack with Acrylic Door, lock & Key, and Power Strip for placing Equipments One year warranty | 1 |
| 14. | Wiring | Providing internal wiring to the Audio Rack and to the projector with suitable gauge cables through high quality conduits with sufficient number of 3 pin sockets with switches (including VGA cable ,HDMI & lan cable) One year warranty | 1 |
| 15. | Podium | Wooden Poduim With Transprent Glass Top With a space for Keeping Desktop Computer USB port ,With 19 " Table Touch Monitor with Core i3 PC /4GB / 1TB One year warranty | 1 |

General terms and conditions

1. The rates quoted should inclusive of taxes and all other charges including charges of delivery and installation of the articles (including loading/unloading) at the place mentioned above in the schedule.
2. The necessary superscription, due date for the receipt of quotation, the date upto which the rates will have to remain firm for acceptance and the name and address of the officer to whom the quotation is to be sent are mentioned on the envelope.
3. Any tender received after the time fixed on the due date is liable to be rejected.
4. On acceptance of tender, the article should be delivered within a period of 7 days.
5. All Kerala government rules related to purchase are applicable to this tender.
6. The successful biddr should submit performance security at 5% of the total value of the contract.

Calicut University

Sd/-
Dr. Sivadasan. P
Head, Department of History
For Registrar