



No. AUD/17-31/2013-14/ SCCE-Audio Equipments Purchase/
28, 2013

October

To,

Sub.: Notice Inviting Tender/Quotation for Purchase/Installation of Audio Equipments for SCCE.

Sealed quotations are invited from OEM/Authorized supplier/distributors/Channel Partners for supply and installation of **Audio Equipments**. The quotation is required to be submitted in a sealed cover to the Registrar, Bharat Ratna Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi- 110 006 on or before 11-11-2013 duly superscribing “**Tender/ Quotation for Purchase/Installation of Audio Equipments**” on top of the cover.

Last Date of submission of tender / quotation: - 11-11-2013 at 12.00 PM

Date of Opening of tender / quotation: - 11-11-2013 at 03.00 PM

The quotation should reach the Office of the Registrar, Bharat Ratna Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi- 110 006 on or before 12.00 pm on 11-11-2013. Tenderers should read the tender document carefully as enclosed and comply strictly while sending their tenders.

Assistant Registrar (Admin)

Copy forwarded to:-

- 1- **Office of the Director(IT Services)**
- 2- **Office of the Controller of Finance**
- 3- **Office of the Registrar**

TERMS & CONDITIONS

- 1.** Sealed Tenders (**Technical and Financial bids separately**) should be clearly superscribed as “**Technical Bid of Purchase/Installation of Audio Equipments**” and “**Financial Bid of Purchase/Installation of Audio Equipments**” should reach the Registrar, Bharat Ratna Dr. B.R. Ambedkar University (AUD), Lothian Road, Kashmere Gate, Delhi- 110 006 up to 12.00 PM on 11-11-2013 and it will be opened on the same day at 03.00 p.m.
- 2.** Late receipt of bids (i.e. after due date and time) will not be considered. Authorized representatives of the tenderers may participate in the tender opening committee meeting, in case they wish to do so.
- 3.** Rates must be quoted in figures & words in INR with all levies and taxes i.e. Sales Tax, VAT, Service Tax, etc as per schedule given in the financial bid. Rates must be quoted for **all the items**.
- 4.** **Earnest Money Deposit (EMD)** of Rs. 10,000/- (Rupees Ten thousand only) in the form of crossed demand draft/pay order drawn in favour of Ambedkar University, Delhi shall be enclosed with the technical bid of the tender document. The EMD of unsuccessful tenderer will be returned after completion of the tender process on request. Technical bid received without EMD shall summarily be rejected.
- 5.** Technical details, literature, catalogue etc. must be attached along with the quotation.
- 6.** The financial bid of those bidders will be opened **who technically qualified in the technical bid**. The date and time for financial bid opening will be intimated to the successful bidders subsequently.
- 7.** **Performance Security Deposit:** The successful bidder shall be required to deposit a sum equivalent to **10% (Ten per cent)** of the total cost of the supply before commencement of supply in the form of Bank Guarantee/demand draft drawn in favour of Ambedkar University, Delhi payable at New Delhi. No interest shall accrue on this amount. The validity of the Performance Security Deposit shall continue for a period of three months even after termination of the contract.
- 8.** The bid would be valid for 90 days from the date of opening of the tender. In the case of successful tenderer, rates quoted shall be valid till the supplies are completed unless there is downward revision, in such case the benefit shall be *suo moto* transferred to this University.
- 9.** In case the successful bidder fails to deliver the items within the stipulated period, a sum equal to 0.5% of the contract value of the indented items shall be deducted per week till the actual delivery, subject to maximum of 10% of the value of the supply order.
- 10.** Installation and satisfactory operation of the items will be the responsibility of the supplier.

- 11.** The payment will be released only after successful completion of entire installation. No advance payment will be released. The delivery will be made as per the supply order and deviation, if any, may attract penalty as in clause (9) above. In addition to that, the EMD & Performance Security Deposit shall also be forfeited.
- 12.** The warranty/guarantee period shall commence from the date of satisfactory installation of equipments at the project site of Bharat Ratna, Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi- 110 006.
- 13.** The representatives of the firm should be available on telephone and also on mobile to enable this university to call them in emergency situation. Therefore, telephone as well as mobile number(s) may also be given.
- 14.** Each page of the technical bid/ financial bid is to be **signed by the tenderers and duly stamped.**
- 15.** All disputes arising out of this contract shall be referred to the sole arbitration of the Vice Chancellor, Bharat Ratna Dr. B.R. Ambedkar University, Lothian Road, Kashmere Gate, Delhi-110 006; The venue of arbitration shall be NEW DELHI (INDIA).
- 16.** AUD reserves the right to reject any or all tender(s) without assigning any reason. The decision of AUD in this regard shall be final. No enquiries in this regard shall be entertained. Correspondence during tendering process may invite disqualification.
- 17.** The vendor/supplier should be a registered firm with Trade & Taxes / Sales Tax /Service Tax Department etc. should possess PAN, TIN (VAT)/Sales tax and service tax as applicable, copies of which may be enclosed.
- 18.** Bidder should be OEM/Authorized supplier/distributor/Channel Partner/Service Provider and proof to this effect has to be attached without which the bid shall not be treated as valid.
- 19.** **Special discount/rebate admissible to Educational Institution/University may be specifically indicated in the quotation.**
- 20.** The bidder should have a Support Centre operating in Delhi/NCR Delhi and complete details including telephone number for the same must be provided.

TECHNICAL BIDS

The technical bid shall contain following information in a sealed cover super scribed “Technical Bid” only which shall also contain the EMD.

Technical Data:

S.	Items Description	Quantit	Warranty	Brand
N		y	/	
			Guaranty	
1	HEADPHONES - Headset Design : Over-the-head - Wired/Wireless : Wired - Frequency Response : 8hz-25000 KHz - Impedance : Not more than 35 ohms - Sensitivity : Atleast 90 dB SPL - Cable length : Atleast 4 feet. - Headphone Jack : 3.5 mm, 6.3 mm - Connector Plating : Gold Plated 1 Unit for Macintosh Pro + 3 Units for a Windows Desktop	4		
2	Tripods of Various Quality (compatible with all models purchased)	4		
3	Cables / Connectors (As Required) STUDIO AUDIO MONITORS - 2 speaker set. - Built-in Amplifier, Mid-Woofer & Tweeter. - Amp. power RMS : 50 W / 75 W - Input connector : Analog XLR + RCA - Frequency response : 50 Hz - 50 kHz - Long term output \geq 102 dB - Max. peak : \geq 110 dB	2		

- Crossover frequencies : 2500 Hz
 - 1 Unit for Macintosh Pro + 1 Unit for a Windows Desktop.
 - * No 2.1 systems.
- 4 AUDIO RECORDER (analog/digital) 1**
- Simultaneous Recording Tracks: [Stereo mode] 2, [4 ch mode] 4
 - A/D + D/A - Conversion : 24bit, 128 times over-sampling
 - Signal Processing : 32bit
 - Recording Media : SD memory card(16MB-2GB), SDHC memory card(4GB-32GB)
 - Recording & Playback Format : [Stereo mode]
 - WAV format (Quantization : upto 24bit, Sampling frequency: upto 96kHz)
 - MP3 format (Bitrate : upto 320kbps/VBR, Sampling frequency: upto 48kHz)
 - Display: Back-lit LCD.
- Inputs:
- LINE IN - 1/8" stereo phone jack (Input impedance:10k Ω , Input level:-10dBm)
 - EXT MIC IN - 1/8" stereo phone jack (Plug-in powered:2.5V, Input impedance:20k Ω , Input level:-20/-30/-40dBm),
 - Built-in stereo microphone with MIC GAIN of +1.5/+17/+27dB)
- Output:
- [PHONES/LINE OUT] 1/8" stereo phone jack.
 - Output load impedance: 10k Ω or more,
 - Output level: 10dBm
 - USB Interface : USB 2.0 Full-Speed compatible
 - Battery Life (with alkaline batteries) : Atleast 4 hours recording, 4.5 hours playback
 - Dimensions : Not more than 120mm in Height.
 - Weight : Not more than 150gm without batteries.
 - Accessory : SD memory card(2 GB)
- Packaged Accesories:
Desktop stand, Mic clip adaptor, Wind screen, Earbuds, USB cable, Stereo Y cable, AC adaptor(DC9V)
- 5 Studio Communication System 1**
- 2-way PA sound reinforcement speaker
 - 250 Watts Continuous / 1000 Watts Peak Power
 - Woofer (Built in): Atleast 350 mm
 - Frequency range : 55 Hz to 20 kHz
 - Sensitivity : Atleast 90 dB (Full Space)
 - Dispersion : Atleast - 80° x 50°
 - Crossover frequency: Atleast 2.0 kHz
 - Weigth : Not more than 20 Kilos together
 - . Stand for the large speaker
- 6 AUDIO MIXER 1**
- Mixing channels : Atleast 4 Mono & 4 Stereo
 - Auxillary : Atleast 2

- Input channel functions :
HPF, Compressor, 3-band mid-sweep PEQ on 75 % of the channels.
 - I/O Mic inputs : Atleast 4
 - Phantom power : +48V DC; ON/OFF
 - Line inputs : 4x Stereo, Return, 2tr in
 - Total harmonic distortion : Less than 0.1%
 - Frequency response : -3dB 20Hz-20kHz
 - Input noise : Around -128dBu
 - Output noise : Around -98dBu
 - Crosstalk : -70dB
 - Power consumption : 30W
 - Weight : Not more than 4kg.
- *Should come with Owner's Manual & AC adaptor. Unit must be Compact and Portable.

7 MIDI CONTROLLER 1

- Atleast 25 piano-style semi-weighted keyboards.
- Atleast 8 rotary encoders
- Atleast 8 faders.
- Atleast 8 trigger pads.
- Backlit LCD panel for feedback.
- Automap software included.

8 STUDIO MICROPHONE 1

- Polar pattern : cardioid
 - Frequency response : 20 to 20,000 Hz
 - Sensitivity : -41 dBV
 - Max. SPL : 135/145/155 dB
 - Equivalent noise level : 29 dB
 - Signal/noise ratio : 76 dB
 - Low Cut Filter : 12 dB/octave at 75 or 150 Hz,
 - Impedance : 200 ohms
 - Load impedance : 1000 ohms
 - Supply voltage : 9 to 52 V phantom power to DIN 45596
 - Connector : 3-pin XLR
- * Should come with 1 XLR Cable

1. OEM/Authorized supplier/distributors/channel partners are requested to enclose the letter/certificate of their manufacturer appointing them as authorized for marketing their product.
2. Name, address, setup and status of the organization, authorized contact person with telephone number should also be mentioned.
3. **Earnest Money Deposit (EMD)** of Rs. 10,000/- (Rupees Ten thousand only) in the form of crossed demand draft/pay order drawn in favour of Ambedkar University, Delhi shall be enclosed with the technical bid of the tender document.
4. TIN /CST/VAT Number must be clearly mentioned in the bid document. Copies of the same should also be enclosed.

Doc-III

FINANCIAL BIDS

The financial bid should be enclosed in a separate sealed cover super scribed “Financial Bid”. No escalation of prices would be permitted on any ground. The price may be quoted with analysis. Firms must clearly indicate in their offers the different taxes and duties which they propose to charge extra mentioning clearly the present rate(s) thereof. Vague offers like “**duties as applicable**” shall not be considered.

S N	Items Description	Warranty / Guarantee	B ra n d	Qty Req d.	Rate per qty.	Amount	Taxes	Total
				(a)	(b)	$x=(axb)$	(c)	(x+c)

	(In Years)	(In Rs.)	(In Rs.)	(In Rs.)
1 HEADPHONES		4		
<ul style="list-style-type: none"> - Headset Design : Over-the-head - Wired/Wireless : Wired - Frequency Response : 8hz-25000 KHz - Impedance : Not more than 35 ohms - Sensitivity : Atleast 90 dB SPL - Cable length: Atleast 4 feet. - Headphone Jack : 3.5 mm, 6.3 mm - Connector Plating : Gold Plated 				
1 Unit for Macintosh Pro + 3 Units for a Windows Desktop				
2 Tripods of Various Quality (compatible with all models purchased)		4		
3 Cables / Connectors (As Required)		--		
STUDIO AUDIO MONITORS		2		
<ul style="list-style-type: none"> - 2 speaker set. - Built-in Amplifier, Mid-Woofer & Tweeter. - Amp. power RMS : 50 W / 75 W - Input connector : Analog XLR + RCA - Frequency response : 50 Hz - 50 kHz - Long term output ≥ 102 dB - Max. peak : ≥ 110 dB - Crossover frequencies : 2500 Hz 				
1 Unit for Macintosh Pro + 1 Unit for a Windows Desktop.				
* No 2.1 systems.				
4 AUDIO RECORDER (analog/digital)		1		
<ul style="list-style-type: none"> - Simultaneous Recording Tracks: [Stereo mode] 2, [4 ch mode] 4 - A/D + D/A - Conversion : 24bit, 128 times over-sampling - Signal Processing : 32bit - Recording Media : SD memory card(16MB-2GB), SDHC memory card(4GB-32GB) - Recording & Playback Format : [Stereo mode] - WAV format (Quantization : upto 24bit, Sampling frequency: upto 96kHz) - MP3 format (Bitrate : upto 320kbps/VBR, Sampling frequency: upto 48kHz) - Display: Back-lit LCD. 				
<u>Inputs:</u>				
<ul style="list-style-type: none"> - LINE IN - 1/8" stereo phone jack (Input impedance:10kΩ, Input level:-10dBm) - EXT MIC IN - 1/8" stereo phone jack (Plug-in powered:2.5V, Input impedance:20kΩ, Input level:-20/-30/-40dBm), - Built-in stereo microphone with MIC GAIN 				

of +1.5/+17/+27dB)

Output:

- [PHONES/LINE OUT] 1/8" stereo phone jack.
- Output load impedance: 10kΩ or more,
- Output level: 10dBm
- USB Interface : USB 2.0 Full-Speed compatible
- Battery Life (with alkaline batteries) : Atleast 4 hours recording, 4.5 hours playback
- Dimensions : Not more than 120mm in Height.
- Weight : Not more than 150gm without batteries.
- Accessory : SD memory card(2 GB)

Packaged Accesories:

Desktop stand, Mic clip adaptor, Wind screen, Earbuds, USB cable, Stereo Y cable, AC adaptor(DC9V)

5 Studio Communication System

1

- 2-way PA sound reinforcement speaker
- 250 Watts Continuous / 1000 Watts Peak Power
- Woofer (Built in): Atleast 350 mm
- Frequency range : 55 Hz to 20 kHz
- Sensitivity : Atleast 90 dB (Full Space)
- Dispersion : Atleast - 80° x 50°
- Crossover frequency: Atleast 2.0 kHz
- Weight : Not more than 20 Kilos together
- . Stand for the large speaker

6 AUDIO MIXER

1

- Mixing channels : Atleast 4 Mono & 4 Stereo
 - Auxillary : Atleast 2
 - Input channel functions : HPF, Compressor, 3-band mid-sweep PEQ on 75 % of the channels.
 - I/O Mic inputs : Atleast 4
 - Phantom power : +48V DC; ON/OFF
 - Line inputs : 4x Stereo, Return, 2tr in
 - Total harmonic distortion : Less than 0.1%
 - Frequency response : -3dB 20Hz-20kHz
 - Input noise : Around -128dBu
 - Output noise : Around -98dBu
 - Crosstalk : -70dB
 - Power consumption : 30W
 - Weight : Not more than 4kg.
- *Should come with Owner's Manual & AC adaptor. Unit must be Compact and Portable.

7 MIDI CONTROLLER |

1

- Atleast 25 piano-style semi-weighted keyboards.
- Atleast 8 rotary encoders
- Atleast 8 faders.

- Atleast 8 trigger pads.
- Backlit LCD panel for feedback.
- Automap software included.

8 STUDIO MICROPHONE

1

- Polar pattern : cardioid
- Frequency response : 20 to 20,000 Hz
- Sensitivity : -41 dBV
- Max. SPL : 135/145/155 dB
- Equivalent noise level : 29 dB
- Signal/noise ratio : 76 dB
- Low Cut Filter : 12 dB/octave at 75 or 150 Hz,
- Impedance : 200 ohms
- Load impedance : 1000 ohms
- Supply voltage : 9 to 52 V phantom power to DIN 45596
- Connector : 3-pin XLR
- * Should come with 1 XLR Cable

Grand Total(Inclusive of All taxes)