



केन्द्रीय माध्यमिक शिक्षा बोर्ड

(मानव संसाधन विकास मंत्रालय, भारत सरकार, के अधीन एक स्वायत्त संगठन)

शिक्षा सदन, 17, इन्सटिट्यूशनल क्षेत्र, राउज एवेन्यु, दिल्ली-110002.

CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organization under the Union Ministry of Human Resource Development, Govt. of India)
"Shiksha Sadan", 17, Institutional Area, Rouse Avenue, Delhi-110002

No.CBSE/RO(T)/VCE./2013/

Dated: 13.12.2013

To,

Sub : BID FOR AUDIO VISUAL CONFERENCING SYSTEM – reg.

Sir,

Responding to the challenge of improving the quality of school education in India, CBSE has decided to establish the National Institute of Continuous Professional Development for empowering teachers for improving the quality of school education at Gurgaon and its regional centres at Kakinada, Kolkata, Chandigarh, Kochi, Sitapur, Rai Bareilly and Pune. All these centers will be connected to each other through Audio-Video conferencing link.

The CBSE has established training centre in Gurgaon. Following material is required on an urgent basis for Gurgaon Centre. The technical details and experience in the field of video conferencing as per Annexure-II along with EMD of Rs.40,000/-(in the form of A/c payee Demand Draft, Fixed Deposit Receipt, Banker's cheque or Bank Guarantee) favouring "Secretary, CBSE, Delhi" and rates as per Annexure-III may please be furnished, duly sealed separately in two different envelopes superscribing "Technical Details" and "BID FOR AUDIO VISUAL CONFERENCING SYSTEM" respectively and both these envelopes be sealed in one envelope superscribing "BID FOR AUDIO VISUAL CONFERENCING SYSTEM".

The quotation should be completed in all respects and be clearly mentioned that all the terms and conditions as per Annexure-I are acceptable. The quotation(s) received without earnest money or in an incomplete manner in any respect will suo motto be rejected. The tender should be placed in the Tender Box kept at ground floor near security guard counter, CBSE, 17, Rouse Avenue, New Delhi on or before 20th December 2013 up to 10.00 AM.

Yours faithfully,

(Navin Maini)
Research Officer (Tech.)

Encl as above

Sealing and Marking of Bids

The Bidder shall submit the Bid in the format specified in the Tender and seal it in an envelope and mark the envelope as “BID FOR AUDIO VISUAL CONFERENCING SYSTEM”

1. The documents accompanying the Bid shall be placed in a separate envelope and marked as “Technical Details”. The documents shall include:
 - a) Bid Security;
 - b) Supporting documents; and
2. The Bidder shall submit the financial Bid in the format specified at Annexure III, and seal it in an envelope and mark the envelope as “FINANCIAL BID FOR AUDIO VISUAL CONFERENCING SYSTEM”
3. The envelope specified in s.no.1 above and another envelope for S.No.2 shall be placed in an outer envelope, which shall be sealed. Each of the three envelopes shall clearly bear the following identification: “BID FOR AUDIO VISUAL CONFERENCING SYSTEM” and shall clearly indicate the name and address of the Bidder. In addition, the Bid Due Date should be indicated on the right hand top corner of each of the envelopes.
4. Each of the envelopes shall be addressed to so as to reach latest by 20.12.2013 by 10.00 am:

Mr Navin Maini
Research Officer (Tech.)
Central Board of Secondary Education
Shiksha Sadan 17 Rouse Avenue Delhi 110002

- If the envelopes are not sealed and marked as instructed above, the Board assumes no responsibility for the misplacement or premature opening of the contents of the Bid submitted.
- While TENDERS are under consideration, bidders and their representatives or other interested parties, are advised to refrain from contacting by any means bidders' personnel or representatives, on matters relating to the TENDERS under study. CBSE, New Delhi if necessary will obtain clarification on TENDERS by requesting such information from any or all the bidders either in writing or through personal contact as may be necessary. The bidder will not be permitted to change the substance of his offer after the TENDERS have been received in CBSE, New Delhi. Any attempt by any bidder to bring pressure of any kind, may disqualify the bidder for the present TENDER and the bidder may be liable to be debarred from bidding for CBSE, New Delhi TENDERS in future for a period of two years. CBSE, New Delhi reserves all rights to cancel the TENDER without assigning any reason thereof.
- Govt. Levies like service tax shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, Service Tax etc.
- The proposal should be submitted in English Language and prices quoted in INR.
- Bidder shall sign all pages of TENDER.
- In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail.
- Any attempt to influence directly or indirectly on the part of the TENDER with the authority to whom he has submitted the TENDER or authority who is competent finally to accept it after he has submitted his TENDER or any endeavour to secure any interest for an actual or prospective bidder or to influence by any means the acceptance of a particular TENDER will render the TENDER liable to be excluded from consideration.

- The bidder should have an office in the Delhi state/ NCR and at other places with offices across India manned with their own qualified professionals.

The Technical Evaluation Committee will examine all of the technical pre-requisites for the conduct of the services. Each Bidder will be awarded a Technical Score (TS) out of 100 points by the Committee based on the parameter given in the table below. The bidders are required to submit documents to establish their capability.

S.NO.	CRITERIA	Marks
1.	Proposed solution.	30
2.	Financial capability information	15
3.	Details of similar works under execution or awarded during last 3 years	15
4.	Details of similar completed works during last 3 years	10
5.	Details of Technical manpower to be employed for this project work (Name, Qualification, Total Experience Years, Experience in Exam related software Years)	10
6.	Hardware and Infrastructural availability for the work.	10
7.	ISO Equivalent/Higher certification.	10

Financial bid of only those bidders who get more than 70% marks in the table above will be opened on 20/12/2013 at 3.00 PM in presence of any bidders who may wish to be present.

Technically qualified bidder quoting the lowest price will be awarded the contract.

Terms and Conditions

- a) AMC of the complete system for 1 year is included. Coordination with the manufacturer will be the responsibility of the vendor.
- b) Scheduled preventive maintenance once in every month.
- c) Unscheduled, on-call corrective and remedial maintenance service from 09.30 hrs. to 17.30 hrs.(Monday to Saturday) excluding public holiday.
- d) Standard force majeure conditions shall apply.
- e) Complaints shall be attended to on the same day. Replacement and/or repair of the hardware equipment shall be carried out within 24 hours of registering the complaints. It is the whole & sole responsibility of the firm to arrange the part, repairs/replacement of equipment & stand-by device failing which the earnest money to the firm will be forfeited.
- f) The firm agrees to maintain the equipments specified in this Agreement in accordance with terms and conditions mentioned above.
- g) The rates should be quoted without Taxes and Taxes should be quoted extra.
- h) It should be clearly understood that CBSE can call the Engineers on holidays also.
- i) The Professor & Director (ART&I), CBSE reserves the right to accept or reject any or all the tender without assigning any reason.
- j) The jurisdiction in legal matter will be Delhi/New Delhi.
- k) **Material will be delivered and installed within 7 days from date of issuance of the order. Otherwise tender will be cancelled/Payment may be deducted .**
- l) Payment terms: 50% delivery, 40% on installation, 10% on completion of 1 year AMC
- m) The vendor should have OEM Authorization.
- n) The exact requirement may change . The Professor & Director (ART&I) may vary the quantity of material required.

An agreement on Non-Judicial Stamp Paper is to be signed which will have the details of service levels required from the selected vendor.

**CENTRAL BOARD OF SECONDARY EDUCATION
SHIKSHA KENDRA, 2, COMMUNITY CENTRE,
PREET VIHAR, DELHI-110 310**

(To be sealed separately along with the DD for Earnest money)

1. ABOUT THE FIRM :

- (a) Name & Profile of the firm
- (b) Activities of the organisation
- (c) Man power profile of the firm
- (d) References from customers where similar work is being done.
- (e) Turn over for the period : 2011-2012
2012-2013

2. Technical Solution: Details of the services. Please use additional pages as necessary.

3. Documentary evidence of the following:

- (i) Length of Experience
- (ii) Financial Statements of the firm for the last 02 years
- (iii) Similar work done for government ministries/educational boards
- (iv) Technical and Administrative manpower available for the work.

Authorised Signatory
(with full name, designation and stamp)

Mobile No.: _____

Phone No.: _____

1. The system should be compatible with AVIEW software at aview.in.
2. All Equipment has to be from leading manufacturer brands.

S.No.	Original requirement	Detailed Description of proposed equipment	Total No	Comments	Unit Price	Total
1	180 Movable Camera	Media Storage Type: 220 GB HDD Image Sensor: 1/3.91 "Exmor R" CMOS Sensor Zoom: 12x Optical, 160x Digital Screen: 3.0 (7.62 cm) Xtra Fine LCD Display, Touch Screen, 16:9 Inbuilt Projector Inbuilt GPS Face Detection & Smile Shutter Auto Backlight Compensation HDMI & USB Interface External Microphone Input	2	This is a PTZ camera which can be installed in the training room.		
		32BG Memory card				
		OEM manufactured Tripod Stand				
2	HD Camera 16 MP +	<ul style="list-style-type: none"> • HD 1080p video quality at 30 frames-per-second • H.264 with scalable video coding (SVC) and UVC 1.5 encoding technology • 90-degree diagonal field of view • Logitech RightLight™ 2 technology and autofocus <ul style="list-style-type: none"> • 4X digital zoom in Full HD • Pan, tilt and zoom option controlled by software • Certified for Microsoft® Lync™ 2013 and Skype™, compatible with most UC and web conferencing applications <ul style="list-style-type: none"> • Carl Zeiss® glass lens • Convenient privacy shutter • Plug-and-play USB connectivity • Multiple mounting options SD Communication Color Video Camera (Ceiling mountable)	2	These cameras can be ceiling mounted if required so that there is no hindrance.		
3	Video Mixer (Switcher)	Scaled Outputs – HDMI & RGBHV (5 BNC, & 15-pin HD) Output – Up to 1920x1200 or 1080p Audio Outputs – Stereo & S/PDIF. Embeds Audio on the HDMI Output. Multi-Standard – PAL & NTSC. Audio Delay – 40ms, 110ms, 150ms or Disable. Built-in Proc-Amp Control – RS-232 & IR Size - 19" (1U) Audio - U/D/E	2	To switch between various video sources		
4	(Wireless) Tabletop Mike	Boundary layer Microphone with noiseless ON/OFF switch for table top applications, optimized for speech with Frequency range 50-20,000Hz, Sensitivity- 22mV/Pa, S/N	35			

		Ratio -72 dB complete as required.				
4.a	Processor	12 analog mic/line input, 8 analog output, networked signal processor with fault-tolerant bus complete as required. The analog inputs of the processor to provide software configurable gain in 6dB steps up to +48dB per channel and software selectable Phantom Power per channel. Phantom Power, Signal Present and Clip information per channel should easily be accessible, without the requirement for a PC, from front panel.	3			
4.b	Amplifier	Dual Channel Power Amplifier 2Ω Dual (per channel) 775W 4Ω Dual (per channel) 525W 8Ω Dual (per channel) 300W 8Ω Bridge 1,050W 4Ω Bridge 1,550W Maximum average power in watts at 0.5% THD, 1 kHz.	2			
4.c	Speakers	Surface mounted speakers, inside conference hall & other rooms with frequency 10 Hz -16 KHz, Power capacity-150 watts. Sensitivity 88 db 1W ,1M. With ON/Off Control	8			
4.d	Wireless Mics	Cordless collar/handheld microphone with receiver complete with standard accessories. Audio frequency range 70-20,000 Hz. Signal To Noise 105db, THD at 1Khz 0.8. Switching Bandwidth 30 Mhz.	2			
4.e	Goose Neck Microphone	Goose neck microphones on operator table /podium/conference table, 17-1800 Hz.	1			
5	Audio Mixer	8 Channel Mixer with True, professional +48V phantom power, Universal internal power supply • Simple rack mounting options.	3			
6	TV Size 42"	42" LED TV	2			
7	Smartboard	Active screen area (maximum interactive, projected image) 61 5/8" × 46 3/16" (156.5 × 117.3 cm) 77" (195.6 cm) diagonal 4:3 aspect ratio Finger Touch	2			
8	Multiple VGA Card	<ul style="list-style-type: none"> •External (PC) for PC •Video Analog-to-Digital Converter •TV Recording in MPEG-4 (H.264) format •Audio In, Audio L/R In, S-Video In, S-Video Out, USB 	3			

9	Projector	Brightness - Modes High / Standard / Low 2500 / 1800 / 1400 Contrast 3 800:1 Native resolution XGA (1024x768) Panel size 0,63" BrightEra panels Technology 3 x LCD	2	Included Ceiling Mount Kit and cabling. List price only of Projector		
	Motorized screen	Motorized screen. High Gain preferably glass beaded. 120" diagonal.	2			
	Installation					

Terms & Conditions as per Annexure – I, are accepted.

Authorised Singnatory
(with full name, designation and stamp)

Mobile No.: _____

Phone No.: _____