

TENDER -II

Ref: RB/OG/XII/AT/OP /Ext./ 536

Date: 13.01.2015

**VISVA-BHARATI
(A Central University)
Bolpur, Santiniketan
West Bengal**

NOTICE INVITING TENDERS

FOR

PROCUREMENT OF VIDEO CAMERA & A.V.EQUIPMENT

Sealed tenders are invited from Manufacturer's or its Indian registered agents /authorized dealer for supply of Museum Equipments in Rabindra Bahavana, Visva-Bharati, Santiniketan.

Estimated value of procurement = 5 lakh 90 thousand (approx.)

List of Museum Equipments are enclosed in the **Annexure-I** to the Tender document.

Last date of submission of Tender : **02' February 2015 up to 16.00 hrs.**

Date and time of opening of Tender : **03' 2015^{February} at 15.00 hrs.**

PROCEDURE FOR SUBMITTING TENDERS

5. The envelopes containing the bidding document should be put in one envelope duly sealed and superscribed with of Tender Ref. No. and "Procurement of Video Camera and A.V.Equipment" in bold.
6. The Offer/Tender should be dispatched to **The Director, Rabindra Bhavana, Visva-Bharati, Santiniketan Pin 731 235** within due date and time. The tenderer may also deliver the same by hand to the Section Officer, Rabindra-Bhavana against the acknowledgement within the date and time. The offer in transit or not received before the time mentioned are liable to be rejected.

IMPORTANT INFORMATION:

1. PURCHASER : The Director Rabindra Bhavan, Visva-Bharati
2. VALIDITY: Rate should be valid for 90 days since opening of tender

Signature of the Tenderer

3. FIRM & FIXED : (a) Rates should be quoted on a firm & fixed price basis. Statutory levy, if any, would be considered from the date of effect.
- (b) The Firms should give a declaration along with their Bids that rates quoted in their Bids are firm/valid for a minimum of 3 months from the date of opening of the Tender.
4. NON-TRANSFERABILITY : This tender is non-transferable.
5. TERMS & CONDITIONS : Terms & Conditions as set out in this Tender Document shall have to be complied with by the tendering firm. Offers not complying with such terms & conditions shall be ignored /rejected at the discretion of this Department
6. PRESCRIBED FORMS : Only Tenders received in the format prescribed in this tender document shall be considered. Tenders not received in the prescribed format shall be ignored and no correspondence in this regard will be entertained. Fax/E-Mail /Letterhead/ Quotations will not be accepted and ignored straightaway.
7. LATE TENDERS : Tenders received after closing date and time (as per clock of Rabindra Bhavana Office) prescribed in this tenders enquiry shall NOT be accepted under any circumstances.
8. PURCHASERS RIGHTS : This Department reserves the right to reject any tender/all tenders in full or part thereof without assigning any reasons and without any compensation which may accrue to the vendor for such rejection.
9. EVALUATION & AWARD OF CONTRACT
- a) Tender/bid will be evaluated on itemwise net lowest price of equipment basis excluding the AMC/ extended warrantee cost, if any.
- b) The Department will award the contract to the tenderer whose tender has been determined to be substantially responsive and who has offered the lowest evaluated tender price against satisfying technical parameters.
- c) Notwithstanding the above, the Department reserves the right to seek previous work orders, references etc. and to accept or reject any Quotations and to cancel the process and reject all tenders at any time prior to award of contract.

Signature of the Tenderer

d) In case of the evaluation of bids submitted in foreign currency, the exchange rate on the date of opening of the tender would be considered or date of issuing work order whichever is less.

e) The tenderer whose rate is accepted will be notified for the award of contract by the Department prior to expiration of the tender validity period. The terms and conditions stipulated in the tender document shall be fully applicable to the resultant contract and taken as an integral part of the contract concluded on the basis of this Tender Enquiry.

f) While submitting the tender for this supply, the tenderers will be deemed to have read, understood and accepted all the items and conditions stated in the tender document. Any doubts or clarifications with regard to the interpretation of the Terms & Conditions stipulated in this Tender Enquiry, may be got clarified from Rabindra Bhavana at least 03 days before tender closing date. Requests for postponing the tender opening date for the same shall not be accepted.

GENERAL INSTRUCTIONS:

1. "Video Camera & A.V. Equipment" notice as a result of this Tender Inquiry shall be governed by the "Terms & Conditions and other relevant instructions as contained in this Tender Document.
2. The prices/rates quoted should be indicated in words as well as in figures and in INR only. In case of foreign currency please indicate exchange rate.
3. Quotations qualified by such vague and indefinite expressions such as "subject to prior confirmation" "subject to immediate acceptance" i.e. conditional tender will be treated as vague offers and rejected accordingly.
4. Tenderers are requested to enclose a copy of their valid certificate of PAN No. and VAT No. with their tender.
5. All tender documents attached with the invitation of tender are sacrosanct for considering any offer as a complete offer. Tenderers are, therefore, requested to ensure that all documents duly completed and signed are submitted with their offer, failing which, the tender is liable to be treated as incomplete and ignored.
6. Tenderers may note that if the date of tender opening given in this Tender Document is declared a closed holiday by the University Authority, the tender shall be opened on the next working day at the same timing. In such an event the closing hours for receipt of tenders in Visva-Bharati will stand automatically extended up to 1500 hours of the next working day.

Signature of the Tenderer

7. Late/delayed tenders received in Rabindra Bhavana due to any reason whatsoever will not be accepted under any circumstances. In the event of any confusion, the time set in the clock in the room of Rabindra Bhavan Office will be, taken as standard and decisive.
- 8.. The Envelope containing the with Tender Reference should have the following documents/information:
 1. Name & Address of the firm with proof :-
 2. Registration /Dealership Certificate in case of company, (Memo of company registered).
 3. Attested Copy of Proof of Registration for Supply Contract existing with other Government/Semi-Government/PSUS etc. if any.
 4. Certified copy of PAN Card
 5. Valid Sale Tax/VAT Registration Certificate
 6. Postal Address/Telephone/FAX/E-Mail of the Firm:-
 7. Name of the Bank & Account No.

TERMS AND CONDI TIONS:

1. The quoted rate should be valid for Contract. Rate quoted must be must be exclusive of Excise Duty, Packing & Forwarding charges, Sales Taxes Freight charges and Insurances charges. All charges like Excise duty, Sales Tax, Freight, Insurance, handling charges etc. as applicable must be shown separately.
2. If the successful Bidder fails to fulfill his obligations under this Tender i.e., Non-adherence to terms and conditions contained in this Tender, the Visva-Bharati after due notice to the Supplier may blacklist the firm.
3. In the event of any dispute arising out of the execution of Rate Contracts/Supply Orders, the matter will be referred to Head of the Department .
4. For judicial adjudication, the disputes, if any, arising out of the Contract/Service Orders 4.against the Rate Contract will be subject to the jurisdiction of the Courts in Bolpur, West Bengal only.
5. Intending Tenderers will have to furnish a copy of their valid PAN No., Sale Tax Registration Number (proof to be attached), VAT NO. (proof to be attached)/Service tax (if applicable).
6. Authorized Signatory/ Signing of Tender: Individual signing the tender or other documents connected with contract must specify the capacity in which the tender documents are signed as:
 - a) A sole proprietor of the concern or constituted attorney of such sole proprietor;
 - b) A partner of the firm, if it be a partnership firm, in which case he must have authority to execute contracts on behalf of the firm and to refer to arbitration disputes.
 - c) Director or a principal officer duly authorized by the board of Directors of the Company, if it is a company.
7. The tenderer should sign at each page of the tender and all its Annexures. NO PAGE SHOULD BE REMOVED /DETACHED FROM THE TENDER DOCUMENT

Signature of the Tenderer

8. The tendering firms will have to submit a declaration to the effect that they have not been blacklisted or their business dealings with the Government departments have not been banned.
9. Indenting Authority : Rabindra Bhavana, Visva-Bharati, Bolpur, West Bengal
10. An amount of Rs. 5000/- be deposited towards EMD along with the tender. The amount may be paid in favour of Account Officer, Visva-Bharati, Santiniketan in the form of Demand Draft. The EMD will be returned to unsuccessful tenderer within one month from opening of tender. The above EMD will be forfeited if the right supply is not made within due time as per terms & conditions.
11. Delivery period : Within 21 days of the placement of confirmed supply order on the firm or as stipulated in the Supply Order Otherwise liquidated damage @ 0.5% of the work value per month will be deducted from the bids.
12. Payment terms: 100% payment shall be released within 15 days against satisfactory receipt and acceptance of the goods/articles (unconditional acceptance) ordered. Payment will be made after successful supply by a crossed *ale* payee cheque on the SBI, Santiniketan, normally within 30 days from the date of receipt of bill or of the stores in good order and condition, whichever is later. Payment will however be made electronically by transfer, for which the supplier must provide their bank account number, bank address/branch details/branch code and IFSC code. Payment is made only on receipt of supply of all ordered materials No short supply is acceptable unless specifically approved and agreed upon by the competent authority of the university in writing in advance. Advance payment will not be made under any circumstances.
13. Excise Duty: It may please noted that the University is exempted from the payment of excise duty for scientific instruments/equipments for which necessary certificate shall be provided by the University, on request..
14. Despatch instructions: Stores are required to be delivered at the Rabindra Bhavana Office, Santiniketan on free delivery to the consignee's premises, freights/transportation paid basis.
15. Purchaser will not pay separately for transit insurance and the supplier will be responsible till the entire stores contracted for, arrive in good condition at the destination.
16. GUARANTEE/ WARRANTY:
The supplier shall guarantee/warranty that the equipments sold/supplied to the purchaser under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/ mentioned in the Tender enquiry. Period of Guarantee/Warranty may not be less than one year for particular equipment.
17. Tenderers, who are registered with DGS&D/NSIC for a particular item, should submit the photocopy of Registration Certificate with all amendments up to date.
18. TENDERERS ARE REQUESTED TO QUOTE THEIR RATES ON F.O.R DESTINATION BASIS (Free delivery to the consignee's premises).

Signature of the Tenderer

19. The Purchaser reserves the option to give a purchase/price preference to offers from Small Scale industries etc. in accordance with the policies of the Govt. in force from time to time.
20. The decision of the Visva-Bharati shall be final as to the quality of the stores and shall be binding upon the tenderers and in case of any of the articles supplied not being found as per specification shall be liable to be rejected or replaced and any expenses or losses caused to the suppliers shall be borne by the supplier. It will be the responsibility of the supplier to ensure that equipment supplied are of the best quality and free from all defects. The rejected items must be removed by the tenderers from the consignee's premises within 03 days from the date of the information about their rejection. The in-charge stores concerned will take reasonable view of such materials but in no case shall be responsible for any loss, shortage, damage that may occur to it while it is in the premises of the consignee.

Special Terms & Conditions:

A.For Video Camera & A.V.Equipment

(i)Tenderers should quote for one or more items separately in accordance to serial no.1 of general terms & conditions.

(ii)The selected supplier will have to install the item as per the instruction of competent authority and arrange for demonstration as well as training of our employee if required. The university will provide free lodging, if required, for officials of supplier during their stay to train our employees. Quarterly assurance certificate like ISI, BIS ISO or equivalent should be furnished with tender document as well as with item supplied.

Signature of the Tenderer

Director
Rabindra-Bhavana

12 January 2015

**Sub: Proposal for purchase of Video camera and A.V equipment
for Audio-Visual Unit, Rabindra-Bhavana.**

Purchase of new audio- visual equipment is our long pending request. Our audio equipment are age old and not compatible with modern equipment. Present equipment was purchased at least two decade before; day by day we are facing various operating problems to operate these equipment. Some of the equipment are also out of order, and spare parts are not available now for repairing.

At present our exciting video camera is out of order and was sent for repairing, but service centre was informed us that the spares are difficult to procure.

In this situation we are earnestly request you, please take necessary step to purchase the following audio equipment for smooth running of our day to day work.

- 1. Video Camera with Flash Memory (128 GB) and related equipment
Approximate 3.8 lacks rupees.**
- 2. Digital Audio Recorder Approximate cost: 60 thousand rupees.**
- 3. LCD Projector Approximate cost: 70 thousand rupees.**
- 4. 12 TB external drive for storage of Video files, Approximate cost: 80 thousand rupees.**

So, the total cost involvement is only approximately 5 lacks 90 thousand only

Technical specification is attached in a separate sheet for your reference.

Submitted for your kind consideration and necessary action please.

Sourav Chakraborty

(Sourav Chakraborty)

Photo Officer

Reprographic and Audio-Visual Unit.

Rabindra Bhavana

Enclo: Technical specification

Sashi
urgent and immediate
Tender may be invited
based on this specification
Tapati Mukherjee
12/1/2015

1. a) Specifications for Video Camera_Qty: 1 (with one extra battery)

Power Requirements	DC19.5 V (AC Adaptor), DC14.4 V (battery pack)
Power Consumption	Approx. 19.9 W (while recording with LCD Off, EVF On when the external device connector is not used.)
	Approx. 20.8 W (while recording with LCD On, EVF On when the external device connector is used.)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to +60°C (-4°F to 104°F)
Battery Operating Time	With battery pack BP-U90: approx. 4 hours, 00 minutes (While recording with LCD Off, EVF On when the external device connector is not used.)
	With battery pack BP-U60: approx. 2 hours, 35 minutes (While recording with LCD Off, EVF On when the external device connector is not used.)
	With battery pack BP-U30: approx. 1 hours, 15 minutes (While recording with LCD Off, EVF On when the external device connector is not used.)
Recording Format (Audio)	LPCM, AC-3 (AVCHD): 2ch—> LPCM (XAVC/MPEG2/AVCHD/DVCAM), Dolby Digital (AVCHD): 2ch
Recording Format (Video)	
XAVC-Intra 1920x1080	59.94i: 111Mbps max, 50i: 112Mbps max, 29.97P: 111Mbps max, 25P: 112Mbps max, 23.98P: 89Mbps max
XAVC-Intra 1280x720	59.94P: 111Mbps max, 50P: 112Mbps max
XAVC-Long 1920x1080	59.94i, 50i: 50/35/25Mbps max,
	59.94P, 50P, 29.97P, 25P, 23.98P: 50/35Mbps max
XAVC-Long 1280x720	59.94P, 50P: 50Mbps max
MPEG HD422 1920x1080	59.94i, 50i, 29.97P, 25P, 23.98P: 50Mbps max
MPEG HD422 1280x720	59.94P, 50P, 29.97P, 25P, 23.98P: 50Mbps max
MPEG HD420 1920x1080	59.94i, 50i, 29.97P, 25P, 23.98P: 35Mbps max
MPEG HD420 1440x1080	59.94i, 50i: 35Mbps max

MPEG HD420 1280x720	59.94P, 50P: 35Mbps max
AVCHD 1920x1080	59.94P, 50P: 28Mbps max,
	59.94i, 50i, 29.97P, 25P, 23.98P: 24Mbps max
AVCHD 1280x720	59.94P, 50P: 24Mbps max
DVCAM 720x480	59.94i: 25Mbps
DVCAM 720x576	50i: 25Mbps
Lens	
Lens Mount	Fixed
Zoom Ratio	25x (optical), servo/manual
Focal Length	f=3.7-92.5 mm
	equivalent to 26-650 mm on 35 mm lens
Iris	F1.6 - F11 and C (close)
Focus	AF/MF selectable, 10 mm ~ ∞ (Wide), 800 mm ~ ∞ (Tele)
Image Stabilizer	ON/OFF/ACTIVE selectable, shift lens
Filter Diameter	M82mm
Camera Section	
Imaging Device (Type)	3-chips 1/3-type CMOS Sensor
Effective Picture Elements	1920 (H) x 1080 (V)
Built-in Optical Filters	Clear, 1/4~1/128 Variable
Sensitivity	F9 (typical) (1920 x 1080/59.94i mode)
	F10 (typical) (1920 x 1080/50i mode)
S/N Ration	60 dB (Y) (typical)
Shutter Speed	1/32 sec to 1/2000 sec
Slow & Quick Motion Function	1920x1080p: Frame rate selectable 1~60p (depends on Recording Format)
	1280x720: 1~120P (depends on Recording Format)
	Angle of view becomes smaller over 60fps.
White Balance	Preset (3200K), A,B
Input/Output	XLR-type 3-pin (female) (x2)
HDMI Output	Type A (x1)
3G-SDI Output	BNC Connector (x1)
Composite Output/GENLOCK-IN	BNC Connector (x1)
USB	mini-B/USB2.0 Hi-speed/mass-storage (x1)
	Type A/for Wireless LAN module (x1)
	Type A/USB3.0 (x1) (future Update)
TC in/out	BNC Connector (x1)
Remote	Stereo mini mini jack ø2.5 mm (x1)
DC Input	DC jack (x1)
Headphone Output	Stereo mini jack ø3.5 mm (x1)

b) Specification for Memory Card_Qty: 2

Card Type	XQD
Storage Capacity	64 GB
Data Transfer	Read Speed 125 MB/s Maximum
	Write Speed 80 MB/s Maximum

c) Specification for Camera Memory Card Adaptor for above specified video camera_ Qty: 1

Compatible Memory Cards	XQD cards
Computer Interface	ExpressCard 34 card slot: PCI Express
Data Transfer Rate	2.5 Gbps (min.)
Power Requirements	ExpressCard 34 card slot
System & Software Requirements	Windows 7, Vista, XP or Mac OS X
Operating Temperature	-13 to 149° F (-25 to 65° C) (non-condensing)

d)) Specification for Camera Memory Card Reader for above specified video camera_ Qty: 1

Compatible Memory Cards	XQD cards
Computer Interface	USB 2.0 / 3.0
Data Transfer Rate	USB 2.0: 480 Mb/s
	USB 3.0: 5.0 Gbps
Power Requirements	USB 2.0 / 3.0 port
System & Software Requirements	Windows 7, Vista, XP or Mac OS X
Operating Temperature	41 to 104° F (5 to 40° C)
Operating Humidity	30 to 80% (non-condensing)
Storage Temperature	-22 to 140° F (-30 to 60° C)

e) Specification for Wire Microphone for Matching Specified Video Camera_ Qty: 1

Transducer	Electret Condenser
Polar Pattern	Supercardioid
Frequency Response	40Hzto 20kHz
Dynamic Range (Typical)	Phantom: 107dB or more
	Battery: 98dB or more
Signal-to-Noise Ratio	Signal-to-Noise Ratio 77dB or more (IEC179 A-weighted, 1 kHz, 1Pa.)
Maximum Input Sound Level	Phantom: 124dB
	Battery: 115dB SPL
Power Requirements	External: DC 40 to 52V, Battery: 1.5V
Output Impedance	(@ 1kHz)
	200 ohms +/- 20%

Output Connectors	3-pin XLR male
Pad	NO

2. Specification for Digital Audio Recorder_ Qty: 1

Encoding Media	SD card(64MB to 2GB), SDHC card(4GB to 32GB)
File System	FAT16/32
File Format	WAV, MP3
Recording/Playback Format	
WAV	44.1/48/96 (HS mode) kHz, 16/24-bit
Sampling frequency	
STD mode	44.1k / 48k Hz
HS mode	44.1k / 48k / 96k Hz
Quantization bit rate	16bit / 24bit
MP3	
Sampling frequency	44.1k / 48k Hz
Recording bit rate	32k / 64k / 96k / 128k / 192k / 256k / 320k bps
Playback bit rate	32kbps to 320kbps
Number of Channels	2 channels(stereo)
Playback Speed Control (VSA)	-50% to +16%(1% step)
Analog Inputs	
MIC/LINE 1 IN	Phantom Power Compatible
Connector	XLR-3-31 (1 : GND, 2 : HOT, 3 : COLD)
MIC	Switch is set to MIC
Input Impedance	2.1k ohms
Nominal Input Level	-14dBu
Maximum Input Level	+2dBu
LINE 1	Switch is set to LINE
Input Impedance	2.5k ohms
Nominal Input Level	+4dBu
Maximum Input Level	+24dBu
LINE 2 IN	
Connector	3.5mm(1/8") Stereo mini jack
Input Impedance	22 k ohms or more
Nominal Input Level	-10dBV
Maximum Input Level	+6dBV
Analog Output	
LINE OUT (XLR LINE IN)	
Connector	3.5mm(1/8") Stereo mini jack
Output Impedance	200 ohms
Nominal Output Level	-14dBV
Maximum Output Level	+6dBV
Digital Input	
Connector	2.5mm(3/32") TRS jack
Format)	IEC60958-3(S/PDIF)
PHONES	

Connector	3.5mm(1/8") Stereo mini jack
Maximum Output	25mW+25mW(32ohms loaded)
USB	
Connector	Mini-B type
Format	USB2.0 HIGH SPEED mass storage class

3. Specification for LCD Projector_ Qty: 1

Image Display	
Display System	3-Chip 0.59"/ 14.99 mm LCD
Native Resolution	WXGA - 1280 x 800
Supported Resolutions	UXGA - 1600 x 1200
Format	NTSC 3.58, 4.43
	PAL M, N
	SECAM
HDTV Compatibility	720p
	1080i
	1080p
Pixels	3,072,000
Brightness	3100 Lumens
Aspect Ratio	Native: 16:10
	Supported: 16:9
	Supported: 4:3
Contrast Ratio	2300:01:00
Scan	Horizontal: 14 - 93 kHz
	Vertical: 47 - 93 Hz
Lens	
Focus	Manual
Zoom	Manual: 1.6x
Throw Ratio	1.4 - 2.27:1
Projection Size	30 - 300"/ 762.00 - 7620.00 mm
Features	
Keystone Correction	Yes, Vertical
	Yes, Horizontal
Ceiling Mountable	Yes
Rear Screen Projection	Yes
Projection Tilt Option	Yes
Built-in Speaker	16W (Mono)
Input/Output Connectors	
Inputs/Outputs	2x 15-pin VGA Video (Input)
	2x 1/8"(3.5 mm) Mini Audio (Input)
	1x HDMI Audio/Video (Input)
	1x S-Video Video (Input)
	1x RCA Composite Video (Input)
	1x RCA Stereo (L/R) Audio (Input)

	1x 15-pin VGA Video (Output)
	1x 1/8"(3.5 mm) Mini Audio (Output)
	1x RS-232C Control
	1x Ethernet LAN
	1x USB Type-A Female
	1x USB Type-B Female
	1x 1/8"(3.5 mm) Mini Microphone (Input)
General	
Lamp (Bulb)	1x UHP
Watts	210W
Life	Bright Mode: 3000 Hours
	Normal Mode: 5000 Hours
	Eco Mode: 7000 Hours
Remote Control	Yes
Security	Cable Lock Slot
	Password Protection
	Security Bar
Languages	English
Input Current	3.2 A / 1.3 A
Power Requirements	100-240 VAC, 50/60 Hz
Heat Dissipation	1061 BTU (AC 100 to 120V)
	1020 BTU (AC 220 to 240V)
Power Consumption	Normal Mode: 311W
	Standby Mode (Network on): 5.9W
	Standby Mode (Network off): .5W
Altitude	0 - 4921' (0 - 1500 m)
	Operating
	32 to 104°F (0 to 40°C)
	Humidity: 35 - 85%

4. 12 TB external drive for storage of Video files. Qty: 1

(Sourav Chakraborty) T3/01/2015
 Reprographer-Cum-Photographic Officer
 Rabindra-Bhavana
 Visva-Bharati
 Santiniketan