

# **DIAMOND HARBOUR WOMEN'S UNIVERSITY**

Sarisha, Diamond Harbour Road, South 24 Parganas, Pin – 743368.

Phone: 03174-245801/245802 Website: [www.dhwu.ac.in](http://www.dhwu.ac.in)

**Tender No.: NIT/VCS/41/DHWU/2022 dated: 17.01.2022**

## **Purchase and Installations of Video-Conferencing System**

Sealed Tenders are invited from the reliable and nationally renowned manufacturers / companies / vendors / dealers / firms for supply of the items and works enclosed in the **Annexure –I** with specifications. University is looking for interested bidders who have experience in supplying the type of item specified in the Annexure-I. Intending bidder may download the tender documents from the University website [www.dhwu.ac.in](http://www.dhwu.ac.in) at free of cost.

Each quotation should include a Demand Draft for Rs. 500/- (Rupees Five Hundred only) in favour of **‘Diamond Harbour Women’s University’** Payable at **‘Sarisha’** towards EMD. Quotations without EMD will not be considered. Earnest money will be returned to unsuccessful bidders after finalization of the contract.

Last date of submission of the Tender in the University Office: 31-01-2022 up to 1:00 p.m. Date and time of opening the Tender: 31-01-2022 at 2.00 p.m.

Tender will only be accepted in the University Office on all working days from 11 a.m. to 4 p.m. And in holiday you can drop the sealed envelope in the designated tender box.

Registrar

**Note: For further inquiry please contact University Office on phone (9735163184).**

## 1. Eligibility Criteria:

- a) Bidders shall have been in existence for not less than three years.
- b) Bidders shall be having credentials of similar nature of work.
- c) Bidders shall have experience of supplying orders for Govt. Deptt./PSU/Universities/Colleges etc. for more than 3 years and shall have PAN/TAN number, GST registration. Bidders should not be blacklisted by any Ministry/ Department of the Government of India or any PSU or Govt. of West Bengal or any University or any other organization.
- d) Bids without EMD will be summarily rejected.

The bidder must submit documents related to eligibility criteria and detailed profile of the company and article of association along with the quotation.

## 2. Terms and Conditions:

**Delivery Schedule:** The Company shall be able to deliver the required items within 30 days of the receipt of order.

**Warranty:** The bidder must give warranty of at least 36 months of the products supplied and should undertake to rectify/attend to the complaints within 2 days, excluding Sundays/Holidays during the warranty period.

**Payment:** There is no provision for making advance payment to the Company/suppliers. Payment will be made after vendor submits the Job completion report signed by our inspection committee.

**Purchase Order:** The purchase order for the entire quantity can be placed either in one lump sum or as per the requirement through repeat order subject to availability of fund of the required items. The quantity shown is tentative and may increase or decrease.

The bidder should clearly indicate the availability of **service and maintenance facilities** at Sarisha, South 24 Parganas, West Bengal for the items quoted.

The above mentioned details particularly the GST or any other duty, if not quoted properly, the bid can be cancelled.

The University has DSIR certificate. So, the permissible rate of GST is 5%.

The bidders are required to quote for each item separately in terms of basic price and all other charges. Prices can be quoted in Indian Currency only.

Diamond Harbour Women's University, Sarisha, South 24 Parganas, reserves the right to reject any or all tenders without assigning any reason whatsoever.

No advance payment or payment against Pro forma invoice will be made. Payment will be made after receipt, inspection, and installation/testing.

All damaged or unapproved goods shall be returned at the bidder's risk and cost and the incidental expenditure thereupon shall be recovered from the concerned party.

On acceptance of tender, the date of delivery should be strictly adhered to otherwise the authority of the Diamond Harbour Women's University reserves the right not to accept the delivery in full or in part. In case the order is not executed within the stipulated period, the Diamond Harbour Women's University will be at liberty to make purchases through other sources.

Acceptance of this tender form and submission of the quote within the stipulated time would be treated as:

- a) The tenderer has understood all requirements as described in the Tender document.
- b) Agreed to execute order to the satisfaction of Diamond Harbour Women's University.

**Performance Security:** The vendor selected would be required to furnish a Performance Security equal to 5% of the cost of material/product supplied in the form of Demand Draft/FDR/Bank Guarantee from any Scheduled Bank in favour of "Diamond Harbour Women's University" payable at "Diamond Harbour, South 24 Parganas".

**No Part Bid Allowed:** Bidders have to quote all the items mentioned in tender document. No part bid will be accepted. Otherwise, the bid(s) will be treated as cancelled.

**Inclusion of freight & insurance:** Price quoted should be inclusive of freight & insurance up to the delivery locations.

**Governing Laws:** This Tender Document and the contract shall be governed by and interpreted in accordance with Laws in force in India. The courts at Kolkata/Diamond Harbour shall have exclusive jurisdiction in all matters arising under the contract.

**Late Proposals:** Any proposal received by the University after the deadline for submission of proposals, as referred below shall not be accepted.

**Language of Proposal & Correspondence:** The proposal submitted by the Bidder should be in English language only.

**Proposal Currency:** Prices shall be quoted in Indian Rupees, inclusive of all prevailing taxes, levies, duties, etc.

The Agency Shall be solely responsible for any accident / Medical / Health related Liability / compensation for the labor deployed by them.

**3. Bidders must submit the following documents along with the quotations:-**

- a) Copies of valid PAN along with I-T return documents, for last three years are to be enclosed with the bid.
- b) Copy of Registration Certificate for GST is to be enclosed with the bid.
- c) Copy of valid Trade License is to be enclosed with the bid.
- d) Demand Draft for EMD.
- e) Documents related to eligibility criteria.

**4. IMPORTANT DATES:**

\_ Last date of submission of the Tender in the University Office: 31-01-2022 up to 01.00 p.m.

\_ Date and time of opening the Tender ...31-01-2022... At 2.00 p.m.

\_ Tender will only be accepted in the University Office on all working days from 11 a.m. to 4 p.m. Registrar

**Note: For further inquiry University Office (9735163184) may be contacted.**

## Annexure-I

To be filled up and submitted along with the tender document. Each page of this document should be signed by the authorized signatory.

### Installations of Video-Conferencing System at Committee Room No. 1, Administrative Building of the University.

Technical Specification of Interactive Flat Panel 75 inches	
Active Screen Size ("inch)	75"
Display Backlight	DLED
Display Area	1649*927mm (16:9 ratio)
Resolution	3840*2160 or better
Display Colors	10 bit or better
Viewing Angle	178°
Life time (working hours)	>50,000 hours or better
Speakers	Shout be SEAMLESSLY build-in the display
Max. Power Output	2x15 Watts or above
Speaker Position	Seamlessly mounted in lower side of the display. Front facing, Forward through
Rated Impedance	8Ω
Freq. Response	180Hz-20kHz
Output S.P.L.	84 ± 3dB
Touch Sensor	Advanced IR
Surface material of touch surface	Anti-Glare & Anti-Finger Print Glass
Protection	3M anti glare
Touch Screen Writing Tools	Nano Pen (>3mm width) included or Finger
Surface Hardness	H7 or More than H7
Glass thickness	4 mm
HID Support	Must have a provision to connect with any external sources
Touch Points in Windows	Must have a touch capability of MINIMUM 20 points and MINIMUM 10 points
Minimum required Input ports at Front side of the display	1 x HDMI(1.4 , 4K@30Hz):- To connect with any resources 1 x Exclusive USB1 for Touch :- To connect with any resources and operate 2 x Exclusive USB for Media Play function:- To directly view the contents from USB 1 x Microphone(3.5mm):-To connect any external microphone
Minimum Requirement of AV Inputs at rear side	HDMIx1(2.0,4K@60Hz) + USB for Touch Port 1 while using HDMI port HDMIx2 (2.0,4K@60Hz)+ USB for Touch Port 2 while using HDMI port DPx1 (4K@60Hz)+ USB for Touch Port 3 while using Display port VGAx1 (1920x1080@60Hz) + USB for Touch Port 4 while using VGA port
Minimum requirement of AV	HDMIx1(4K@60Hz)- Transmit the signal to other display with equipment with High definition

Outputs at rear side	3.5mm Line out x 1 DC Out (5V 2A) x1 SPDIF out x 1
Minimum Requirements for other ports at rear side	USB 2.0 x2 : - To directly view the contents from USB RS232 x1 :- Device Controlled by any third party controller RJ45 x1 :- Input port of Local area network RJ45 x1 :- Output port of Local area network USB 3.0 x1 :- To connect external USB camera OPS Slot (4K@60Hz):- To connect OPS PC for windows function
Chipset	MTK8386 or higher
CPU	ARMv8 A73*2+A53*2 ( A53 : 1.05-1.3GHz; A73 : 1.15-1.5GHz) or higher
GPU	Mali-G51MP2 650 MHz or higher
RAM	3GB or higher
ROM	16GB build in or higher
External Memory	32GB TF card (build in) or higher
Total In-built Memory	48GB ( Inbuilt TF Card slot support max 64GB) or higher
Android Version	8.0.0 or higher
Android resolution	4K

### Technical specification for Camera

	Camera Parameter
<b>Optical Zoom</b>	20X,f=5.2~98mm
<b>Video format</b>	ST/HDVideoformat:1080P60/50/30/25/59.94/29.97
<b>View Angle</b>	3.2°(tele)--55.8°(wide)
<b>Iris</b>	F1.5-F3.0
<b>Sensor</b>	½.8inchhighqualityHDCMONSSensor
<b>Effective Pixels</b>	10:92.07MP
<b>Digital Zoom</b>	10X
<b>Minimum Illumination</b>	0.5Lux(f1.8,AGCON)
<b>DNR</b>	2D&3DDNR
<b>White Balance</b>	Auto/Manual/One Push/3000K/4000K/5000K/6500K
<b>SNR</b>	>55dB
<b>Input/output Interface</b>	
<b>Video Interfaces</b>	USB,LAN,RS232,Audio-In
<b>Video Compression format</b>	H.264,H.265,Dualstreamoutput
<b>Control Protocol</b>	VISCA/Pelco-D/Pelco-p;BaudRate:115200/9600/4800/2400bps
<b>Audio Input Interface</b>	Double track 3.5mmlinearinput
<b>Audio Compression format</b>	AAC/MP3Audiocompression

### Technical Specification Speakerphone

Three Omnidirectional microphone with Digital signal processing technology, volume adjustable speaker, USB Connectivity, Auxiliary Audio input and Output, VOIP, answer/rejection cell. There should be one year onsite warranty.

#### Additional Specification For Speakerphone

1. Microphone should have three or more individual omnidirectional microphones, One of the Microphone shall act as a Master Microphone and others shall act as Slave Microphone. The microphone pickup range should be over 8 meters, it should be perfect for medium to large conference rooms.
2. Microphone shall have frequency response of 100Hz to 22 KHz, Adaptive echo canceller, automatic gain control, Noise reduction and automatic tracking.

Suppliers / Bidders should submit the following statement in seal envelope in the letterhead of their Firm.

**To**  
**The Registrar**  
**Diamond Harbour Women's University**  
**Sarisha, Diamond Harbour Road, South 24 Parganas**  
**743368.**

**Date:**

We agree to supply the above goods/equipment/products/Works in accordance with the technical specifications for a total contract price of Rs..... (Amount in figures)

(Rupees.....

.....amount in words) within the period specified in the invitation for Quotations.

**Grand Total including GST: .....**

We confirm that the normal commercial warranty/guarantee of ..... months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the tender.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of supplier/vendor

Name & Address.....

Contact No.....