ରମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟ, ବିଦ୍ୟା ବିହାର, ଭୁବନେଶ୍ୱର

Rama Devi Women's University, Vidya Vihar,
Bhubaneswar, Odisha-751022, Ph.no-0674-2542644,
E-mail-registrar@rdwu.ac.in, Website- www.rdwuniversity.nic.in

No. **5510** / Dt. **16.8.24**

TENDER CALL NOTICE FOR INTERACTIVE PANEL BOARD WITH STAND

Sealed two bid (Technical & Financial) tenders are invited from the registered Firms with TIN / PAN / GSTIN registration and upto-date all taxes clearance for supply of Interactive **Panel Board with Stand** to the University. Tender papers and details of specifications as per (Annexure-I & II enclosed) are required. The tender completed in all respects must reach to the office of undersigned of the University, by **02.00 P.M. on 27.08.2024 (Tuesday)** through Speed Post / Registered Post / By Hand. Incomplete tender cannot be entertained. The authority reserves the right to accept / cancel any tender(s) at any stage without assigning any reason thereof.

Registrar 16/08/2024

Memo No. **5511** / dated **16.8.24**

Copy to OIC Website / all Notice Boards for public display.

Registrar 16/08/2024

Memo No. **5512** / dated **16.8.24**

Copy to CoF / OIC Website / Coordinator, IDP / OIC, Purchase / Dy. Registrar (Estt.) for information and necessary action and P.S. to V. C. for kind information of Vice Chancellor.

Registrar 16/08/2024

GENERAL INFORMATION

1. **Time line**

   i)   Opening of Tender Advertisement: **16.08.2024**

   ii) Closing of Tender Application: **27.08.2024 at 2.00 p.m**.

   iii) Opening of Technical Bids: **27.08.2024 at 4.00 p.m**. at the CoE's Board Room, New Administrative Building of this University

   iv) Opening of Financial Bid: to be decided after scrutiny of Technical Bid

   (Note: Date and time may change)

2. **Fees / EMD money to be deposited**

   i)   **Processing Fee(non-refundable)** : Rs. 500 (Rupees Five hundred) exclusive of GST to be paid in favour of the Comptroller of Finance , Rama Devi Women's University, Bhubaneswar in shape of A/c payee bank draft. The draft to be attached with the technical bid.

   ii) **EMD money:** Rs. 10000/- (Rupees Ten thousand) only to be paid in favour of the Comptroller of Finance , Rama Devi Women's University, Bhubaneswar in shape of A/c payee bank draft. The draft to be attached with the technical bid. EMD money is to be refundable without interest to the unsuccessful bidders immediately after finalisation of the tender and to the successful bidder after supply of the items as per the rule.

3. **Procedure of tendering the bid**

   i)   Visit University Website **https://rdwu.ac.in** Download the notification. tender documents, Annexure etc and go through these and then fill.

   ii) There are 03 (three) Covers namely a) Technical bid cover, b) Financial bid cover and c) Tender Cover

   iii) The **Sealed technical bid cover** envelops the following:

   a) Arrangement of papers is to be made as per the Technical Requirements (**Annexure-I**) With details of technical specifications (**Annexure-II**)

   b) The technical tender will be submitted only in the University supplied proforma (**Annexure-III**). No other form will be accepted.

   c) The technical bid form has to be duly filled up and signed by the bidder. Incompleteness or inadequacies of information in the technical bid will amount for rejection of the tender. If technical bid is rejected, the Financial bid for that will not be opened.

   d) Xerox copies of All requisite documents duly self attested.

   e) The 02 bank drafts i.e. i) towards Processing fee and ii) towards EMD money

   (**The Cover must be super scribed with "TECHNICAL BID FOR TENDER CALL NOTICE FOR INTERACTIVE PANEL BOARD WITH STAND" on the top of the Envelop**)

iv) The **sealed financial bid cover** only envelops the financial bid form (**Annexure-IV**) duly filled in and signed

(**The Cover must be super scribed with "FINANCIAL BID FOR TENDER CALL NOTICE FOR INTERACTIVE PANEL BOARD WITH STAND" on the top of the Envelop**)

v) The **Sealed Tender Cover** Envelops i) the sealed technical bid cover, ii) the sealed financial cover and super scribed **"TENDER FOR TENDER CALL NOTICE FOR INTERACTIVE PANEL BOARD WITH STAND"** on the top of the Envelop. The bottom left of the envelop must have clear address of the Bidder, whereas the right bottom must have to be addressed to **"The Registrar, Rama Devi Women's University, VidyaVihar, Bhubaneswar, Odisha-751022."**

vi) The sealed tender must reach on above address **by 2.00 p.m. on 27.08.2024** through Speed Post / Registered Post / By Hand. Late submission of the tender will not be accepted. No other methods of submission of tender will be entertained.

4 **Documents to be attached with Technical Bid Form:** As per the **Annexure –I**

Registrar 16/08/2024
**Rama Devi Women's University,
Bhubaneswar**

TECHNICAL REQUIREMENTS

Sl. No.	Supporting Document		Attached Yes/No
1	Scope of Supply	Supply Installation Testing Commissioning of Interactive Panel Board With Stand	
2	Bidder shall submit the following documents along with their bid	Copy of PAN Card.	
		Copy of GSTIN.	
		Copy of Valid Electrical License	
		OEM authorization for supply of Interactive Display (65" & 75")	
		Copy of Valid ISO 9001:2015, 14001:2015,27001:2013 & 20000-1:2018	
		Copy of Valid IT Return last 03 Years	
		Copy of Valid MSME/NSIC Certificate	
		Copy of Balance Sheet & Profit Loss Certificate last 03 years	
3	Service & Support	Availability of Service Centres: Bidder must have a Functional Service Centre in the State of Odisha.	
		Dedicated /toll Free Telephone No. for Service Support: BIDDER must have Dedicated/toll Free Telephone No. for Service Support.	
4	Warranty	Warranty 01 years from the date of installation/ commissioning.	
5	Payment Terms	i) The Payment of 80% against Supply of material. ii) Balance 20% after installation & commissioning of system.	

Signature of the
Proprietor / Office Seal

TECHNICAL SPECIFICATIONS

SL. NO.	Parameter	Specifications
	65" Interactive Display	
1	Display Panel Diagonal size	65 Inches or higher
2	Resolution	3840 x 2160 (4K or Higher)
3	Display Colour	1.07 Billion or Higher
4	Brightness	350 Max and 400 cd/m² or better
5	Viewing Angle	±178 ° or better viewing angle
6	Contrast ratio	1100:1
7	Dynamic Contrast Ratio	30000:1
8	Response Time	Not more than 5 ms
9	Lifetime	30,000 hours or more
	Touch Interactive Display - Audio System	
10	Speakers	2 x 18 Watts or Higher
	Touch Interactive Display - Touch Technology	
11	Deployment of Touch Technology	Advanced Infrared
12	Thickness of the touch glass	4mm Toughened Glass with 9H Toughness or better
13	Surface technology	Anti-Glare
14	Touch accuracy	1mm or better
15	Touch Points in Windows	Must have a touch capability of minimum 20 points
	Touch Interactive Display - Connectivity Ports	
16	Front Interface	USB2.0*2, Keys : Power/Homepage/Screen down/Record/Touchlock/Setting
17	Rear Interface	USB 3.0 : 1 USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1 EARPHONE : 1 COAX : 1
	Smart System(Android)	
18	CPU	8 core A55 or better
19	GPU	Quad-core MaliG52 or better
20	Android version	Android 12.0 or Higher (With Playstore)
21	Built-in Software:	File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, Calculater, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording.,Wireless Content sharing, text recognition. 4 Application split screen,screen recording,screen capture, Wireless File sharing form mobile phones.U disk lock screen,USB port Block,Multi-user management,
22	White Board Feature	Menubar includes new whiteboard, storage, sharing, closing, and setting functions,Page management,Painting brush-preset 9 monocolors and 2 gradient,Thickness: preset 6 brush sizes,support ordinary brush, marker, pen three brush styles, as well as text recognition brush and graphicsrecognition brush two intelligent brush, eraser,Table, Timer, Voting, Withdrawal and redo, Single point / multi point,Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format).

23	Built in VC software	Supplied Solution should support one to one and multi-party chat, one to one and multi-party video conference (upto 100 partipants) on-cloud, post files, screen-share, for all participants & 16 Participants in continuous Presence mode. The software should permit connecting at least 3/4 cameras from single sign in or single laptop/desktop and stream simultaneously without using additional hardware. The software should be certified as 'Safe to Host' by a competent authority. The software and panel should be from same OEM .The software should be supplied with 3 years license. The software should be certified as 'Safe to Host' by a competent authority.
24	Inbuilt WIFi	Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a,Hotspot or better
25	Bluetooth	BT5.0 or better
26	RAM	4 GB or Higher
27	ROM	32 GB or Higher
28	Certification	BIS (Indian), CE, FCC & ROHS certification.
29	Warranty	3 Years or Higher.
	OPS	
1	OPS	Interactive display must have 80 Pin OPS slot
2	Processor	It should have Intel i5 processor or higher with Licensed Windows 11 IOT GAC OS. 10th generation or higher
3	RAM	It should have RAM of 8GB
4	ROM / Storage memory	It should have memory storage of 256GB SSD or higher
5	Interface	It should have USB2.0 x 2 ports,
		USB3.0x 4 ports,
		DP outx1 port,
		HDMI out x1 port.
6	Network	It should have RJ45 LAN port x 1
7	WiFi	It should have inbuilt WiFi with two antennas.
8	Bluetooth	It should have Bluetooth version 4.0 or above
9	Audio ports	It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mmx 1 port.

Sl. No.	75" Interactive Display Parameter	Specifications
	75" Interactive Display	
	Parameter	Specifications
1	Back Light Type and Panel Technology	Direct LED and IPS
2	Display Panel Diagonal size (mm)	75"
3	Display Ratio	16:09
4	Resolution	3840 x 2160
5	Display Colour	1.07 Billion
6	Brightness	Minimal 350cd/m2, maximum 400cd/m2
7	Screen Orientation	Landscape
8	Viewing Angle	178 ° or better viewing angle
9	Response Time	5 ms
10	Lifetime	30,000 hours or more
11	Contrast Ratio	Static:- 1200:1
	Touch Interactive Display - Audio System	
12	Speakers	in-built with the display
13	No. Of speakers and Max.Power Output	Touch Interactive Display shall have minimum of 2 speakers with the power of each speaker at 20 Watts or above
14	Speaker Position	Seamlessly integrated & in-built with the display. Front facing, Forward through
	Touch Interactive Display - Touch Technology	
15	Deployment of Touch Technology	Advanced Infrared
16	Thickness of the touch glass	4mm Toughened Glass
17	Surface technology	Anti-Glare
18	Surface Treatment	9H or more
19	Touch Sensor	Infrared or Capacitive
20	Touch Points	Must have a touch capability of minimum 20 points in windows and 20 points in android
21	Writing Tool	Shall support the use of Stylus Pen and Finger
	Touch Interactive Display - Connectivity Ports	
22	Front Interface	USB 2.0 x 2
23	Rear Inputs	HDMI In x 2, USB 2.0 x 1, USB 3.0 x 1, VGAx1, VGA Audio INx1, LAN INx1, Line out x 1. TF Card x 1,
24	Outputs	Earphone
25	Other	RS232 x 1
	Smart System(Android)	
26	CPU	Octa-core A55
27	GPU	Quad-Core MaliG52
28	Android version	Android 12.0 and above

29	Inbuilt WiFi	Dual band (5G & 2.4G), WiFi 6(WiFi and BT5.2)+WiFi 5(hotspot), Miracast unable to use with Hotspot at same time
30	RAM	8GB or more
31	ROM	32GB or more
	Inbuilt Software	
32	Built-in Software:	Whiteboard, File Manager, Screen Mirroring, Chrome, Google Playstore, YouTube, WPS, Welcome Page, Settings, Calculater, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording,Bluetooth.Blue light filter
33	Wireless Sharing	Product should support wireless sharing with dedicated application.
34	Writing Software	Product should have in built white board writing software with • Multiple pages access • 4xSplit screen • White board sharing through QR code and Email(SMTP and POP feature) • Customizable Background • Produces different effects according to the diameter and size of the input objects. • Fist/palm: identified as an eraser (100 pt). • Fine Pen (3mm): suggested to use while writing. • Thick Pen (≥ 8 mm)/ finger: suggested to use when you want to highlight
35	Built in VC software	Supplied Solution should support one to one and multi-party chat, one to one and multi-party video conference (upto 50 partipants) on-cloud for one year, to post files, screen-share, for all participants & 16 Participants in continuous Presence mode. The software should permit connecting at least 3/4 cameras from single sign in or single laptop/desktop and stream simultaneously without using additional hardware. The software should be certified as 'Safe to Host' by a competent authority. The software and panel should be from same OEM The software should be supplied with 3 years license. The software should be certified as 'Safe to Host' by a competent authority.
	Touch Interactive Display - System Safety	
36	Mounting Capabilities	Display must have facility to mount on floor stand or wall brackets
37	Certification	Proposed Product must have CE, FCC, RoHS and BIS (Indian) certification. Submission of these Certifications as Proof.
38	Provision for camera on top of the display	It comes with dedicated camera mount provision with USB 3.0 connectivity on top of the display

39	Provision of OPS slot	Interactive display must have OPS slot for PC applications
40	Suitable wall mount kit with accessories	Equipment has to be supplied with suitable wall mount kit and accessories
41	Storage Temperature/Humidity	-10°C~45°C/5%~90%
42	Power consumption	290 W or less
43	Warranty	3 Years
	OPS	
44	OPS	Interactive display must have 80 Pin OPS slot
45	Processor	It should have Intel i5 processor or higher with Licensed Windows 11 IOT GAC OS. 10th generation or higher
46	RAM	It should have RAM of 8GB
47	ROM / Storage memory	It should have memory storage of 256GB SSD or higher
48	Interface	It should have USB2.0 x 2 ports,
		USB3.0x 4 ports,
		DP outx1 port,
		HDMI out x1 port.
49	Network	It should have RJ45 LAN port x 1
50	WiFi	It should have inbuilt WiFi with two antennas.
51	Bluetooth	It should have Bluetooth version 4.0 or above
52	Audio ports	It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mmx 1 port.

Technical Bid

1. Name of the Bidder Firm:
2. Name of the Proprietor:
3. Full Address
   i)   Permanent Address:-

   ii)   Present Address:-

        (A copy of Address proof is to be attached)
4. Banker of Contractor
   (Attach copy of statement of account for last six months)
5. PAN/GIR No.
   (Attach Copy)
6. GST/Service Tax Registration No.
   (Attach Copy)
7. Financial Turnover for last 2 financial years

FY	Amount(Rs.)	Remarks
2022-23		
2023-24		

8. Income Tax Return for last 2 financial years

FY	Amount(Rs.)	Remarks
2022-23		
2023-24		Attach the Copies

9. Give details of major similar contracts handled by the tenderer

Sl.No	Name & Address of the Client	Duration of Contract

10. Details of Tender Processing Fees: DD No.---------------------date--------------of Rs. 500/- drawn on Bank----------------------------
11. Details of EMD: DD No. --------------------date--------------of Rs. 10000/- drawn on Bank---------------------------------
12. Additional information, if any.

Declaration

1. I _____ daughter / wife of _____ proprietor /Authorized Signatory of the Service Provider, mentioned above, am competent to sign this declaration and execute this tender document.
2. I have carefully read and understood all the terms & conditions of the tender and undertake to abide by them.
3. The information/ Documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I / We am/are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

                                        Signature of the
                                        Proprietor / Office Seal

Technical Bid

Sl. No.	Items	Quantity	Brand	Meeting the Technical Specification as per Bid (Yes / No)
1	Interactive Panel Board with Stand (65 inch)	06		
2	Interactive Panel Board with Stand (75 inch)	02		

Signature of the
Proprietor / Office Seal

Financial Bid

Sl. No.	Item	Qty.	Brand	Unit Price	GST	Total Price in (Rs.)	Total Price in (Rs.) (including installation)	Remarks, if any
1	Interactive Panel Board with Stand (65 inch)	06						
2	Interactive Panel Board with Stand (75 inch)	02						

Signature of the
Proprietor / Office Seal