Regional Institute of English, South India
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RIE/ Procurement of Interactive Display Boards/ 256 .   03.01.2024

PUBLIC NOTICE

Sub: Inviting Quotations for supply and instillation of Interactive Display Boards at the Institute -reg

Ref: The Review meeting of the Commissioner held on 30.01.2023

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The Regional Institute of English South India Jnanabharathi Campus, Bangalore is premier Institute in the South India. The objectives of the Institute is to strengthen the English Language Education in the members states. The RIESI administrative purposes, it is proposing to procure new branded Smart Interactive Display Boards as specified below from the authorised firms/vendors/ suppliers:

TECHNICAL SPECIFICATIONS

1. **03 no**. 75 inch Interactive digital Board with following Minimum specifications has to be supplied

S.NO	Parameter	Specifications
1	Display type	D-LED IPS
2	Inter active Display Panel Diagonal	Size -75 inch
3	Features	• All-channel annotating • built-in Android writing software with hand writing recognition and object recognition • 4K Android system , OS Version 12 or latest . Three Launchers design for your choice • 4screens mirroring • 4 way Split Screen in Whiteboard mode • 4 wireless device sharing simultaneously • Screen Capture to save and email
4	Contrast ratio	1200:1 or better, Dynamic 30,000:1 or better
5	Display Ratio	16:09
6	Resolution	32768×32768
7	Display Colour	1.07 Billion
8	Brightness	500 cd/m² +/-100 cd/m² or better
9	Screen Orientation	Landscape
10	Viewing Angle	178 ° or better viewing angle
11	Response Time	Not more than 8 ms
12	Lifetime	50,000 hours or more
13	Speakers	Should be seamlessly build-in the display

14	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
15	Speaker Position	Seamlessly mounted in lower side of the display. Front facing, Forward through

Touch Interactive Display - Touch Technology

16	Deployment of Touch Technology	Advanced Infrared
17	Thickness of the touch glass	4mm Toughened Glass with 9H of Toughness or better
18	Surface technology	Anti-Glare
19	Touch Sensor	Infrared or Capacitive
20	Touch Points in Windows	Must have a touch capability of minimum 20 points
21	Writing Tool	Shall use with stylus pen or finger
22	Front Interface	HDMI in : 1 USB touch : 1 Public USB3.0 : 2 Type C ((Only for data transfer) : 1
23	Inputs/Output Rear	VGA Input : 1 VGA Audio Input : 1 Android USB 2.0 : 2 Android USB 3.0 : 2 USB touch : 1 HDMI 2.0 Input : 2 RS232 : 1 RJ-45 : 1(RJ45 IN*1, 1000M SPDIF Out (Audio Out) : 1 WIFI / Hotspot : Dual band (5G & 2.4G) Bluetooth : 5.2 Line out : 1 OPS interface : 1， slot size: 198*180*30mm
24	CPU	A55*8
25	GPU	Quad core MaliG52 MC4
26	Android version	Android 12.0 or latest
27	RAM	4GB
28	ROM	32GB
29	Built-in Software:	Whiteboard, File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, User Manual,

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30	Object Regonisation	This product supports object and Hand writing recognition and 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

Touch in interactive display – System Safety

31	Mounting Capabilities	Display must have facility to mount on floor stand or wall brackets
32	Certification	Proposed Product must have BIS certification. And Attach the copy as proof.
33	Provision of OPS slot	Interactive display must have OPS slot for PC applications
34	Suitable wall mount kit with accessories	Equipment has to be supplied with suitable wall mount kit and accessories
35	Storage Temperature/Humidity	0℃～40℃/20%～85%
36	Power consumption	≤330W
37	Installation	Horizontal/ Vertical installation

Additional Specification Parameters - Interactive Display

1	Panel type	IPS Ultra HD
2	Display Colors	1.07 Billion
3	Tolerance	±2mm
4	OPS	Slot should available
5	Buit in Software	Whiteboard, File manager, Screen mirroring, chrome, google playstore, Youtube, WPS, Welcome Page, Settings, User Manual, calculator, float tool, side tool bar, Note, Vote, Screen recording, wireless content sharing, text recognition, Host should be able to inivite 100+ participants for online virtual meeting/ class, the software must have the capability of transmitting upto 4 cameras feeds simultaneously over Virtual Hybrid class room platform from the host login and the software should support upto 4k reslolution video, chat, date collaboration and digital whiteboared. The software should provide the solution for local recording of the virtual meeting/classroom session, web Application Security Testing Certificate/Security Test for Vulnerability Assessment and Pendtration Testing Certificate by competendt Authority should be submitted.

S.No.	Pre-Qualification Criteria
1	Video Confeference Solution OEM should have direct office & technical support staff in Bengaluru-Karnataka for immediate technical support. Official HR documentation Required.
2	Video Conference Solution OEM Must have valid ISO 9001:2015, ISO 27001:2013 and ISO 14001:2015 Certified Company. (Related certificate copy required).
3	Video Conference Solution OEM should have established office in India from more than 10 Years. (Valid Certificate of incorporation required). Valid PO Copy before Year 2012 to be provided as proof.
4	The OEM should have manufacturing unit/ factory in India. The same should be registered under 'Factory Registration' in India.
5	Manufacturer authorization: Wherever Authorised Distributors / Dealers are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the tender.
6	Datasheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyer can match and verify the Datasheet with the product specifications offered from OEM Website. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
7	Dedicated/ toll free Telephone No. for service support, Escalation Matrix for Service support.
8	The OEM should have at least implemented 1 order of minimum 10 Locations and running successfully since last 3 years or more in government sector including Public service undertaking / Indian Defense/ PSU Banks in INDIA. PO Copy or Appreciation letter required.
9	The Video Conference Camera, Audio Solution in the Class room & Interactive Display (if it is part of the solution) should be from the same OEM to avoid any integration Issues.
10	On Premise Presentation & POC needs to be done - if asked by the Buyer, for the proposed solution before opening of the Financial Bid. Financial Bids of only Technically Qualified OEMs will be Opened.

Terms & conditions common for above products

01. Comprehensive onsite warranty should be for 3 years
02. Proposed computer & accessories should be available in Market.
03. After sales, service should be available in all the parts of Karnataka
05 They should be supplied and Installed to the Institute only
06. Warranty agreement should between RIESI and the Vendor in a Rs 200 Stam paper by quoting period of warranty of the supplied goods

Other required specifications are as follows:

- You have to quote your rates for the required work along with material and labour.
- You may visit our Institute between 9:45 and 5:00 on working days for site inspection.
- Send your quotations in a sealed cover to the undersigned including the applicable taxes, superscribing 'Quotation for Supply and Installation of Interactive Display Boards.
- The Director reserves the right to modify/cancel the quotations without any notice.

The leading suppliers/vendors/ firms may be sent the quotations by quoting lowest price including **GST on or before 17.01.2024** to The Director, Regional Institute of English, South India Jnanabharathi Campus, Bengaluru -560056.

Thanking you

Yours faithfully,

(K S Mani)
DIRECTOR

1 Website
2 Notice Board.