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Tender Document

Supply and Installation of Smart Panel with additional Display, Camera & Audio Support System

Sealed tenders are invited from established and accredited Original Equipment Manufacturers (OEM)/authorized dealers having annual turnover of more than Rupees 50 lakhs for supply, installation & commissioning of the under mentioned items of the following quantities to be installed and commissioned at the location to be intimated by IMA, Bhubaneswar.

Sl.No.	Item Description	Unit	Quantity
1	86" SMART INTERACTIVE PANEL	Nos.	1
2	85" DISPLAY	Nos.	02
3	12x VC PTZ CAMERA	Nos.	01
4	OTHER ACCESSORIES	Nos.	LS

1. Tender documents will be available from our Website <https://iomaorissa.ac.in> The downloaded bid document shall be accompanied with a crossed Demand Draft of Rs.1000.00 (Rupees One Thousand) only towards cost of the tender document payable at Bhubaneswar drawn in favour of "The Director, IMA, Bhubaneswar" payable at Bhubaneswar..
2. The company must be ISO certified company. Company having service centre facility at Bhubaneswar shall be preferred.
3. The Tenderers are required to furnish attested copies of the registration number of the firm along with the GST No. allotted by the competent authorities and I.T. registration number (P.A.N.) along with the place of registration, with the tender.
4. The Tenderers are required to deposit Rs.27,000.00 (Rupees Twenty Seven Thousand) only as Earnest Money Deposit (EMD) in shape of Bank Draft payable at Bhubaneswar drawn in favour of "The Director, IMA, Bhubaneswar".
5. Performance security shall be deposited before supply/Installation of the goods/items as per guidelines given in the tender documents.
6. The items conforming to required specifications and terms & Conditions are to be delivered to the consignee (IMA) at Bhubaneswar , Odisha and the tenderer has to quote the rates giving details of taxes, levies charges, premium etc. separately as stated in the tender document.
7. **The tenders should be submitted after due compliance with guidelines given in the tender documents under Schedule (A) Conditions of Contract, Schedule (B)-Technical specifications, Schedule(C)-Delivery Destination, Schedule (D)- Bid Form & Schedule (E) - Price Schedule. Tenders submitted in incomplete form shall be rejected outright.**
8. The filled in sealed tenders containing Techno-commercial Bid and Price Bid in double cover system as per instruction given in tender documents, shall be submitted in the Office of the IMA, Bhubaneswar by Registered Post, Courier service. Tenders received after due date and time shall not be entertained and be returned summarily.
9. The last date of submission of tender documents by **05.00 PM** of **07-01-2026** through **Speed Post/Registered Post or Courier Service**. The technical bids will be opened on **08-01-2026** at **2.00 P.M** in presence of the Tenderers or their authorized representatives, if they so desire to be present. The opening of price bids will be announced later on. Price Bids will be opened in respect of only those tenderers who qualify in the technical bid assessment.
10. IMA reserves the right to cancel any or all tenders or part thereof, without assigning any reason thereof.


Registrar

Schedule (A) – Conditions of Contract

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1. The Tender papers include instructions issued in the Tender notice along with the **Schedule (A) - Conditions of Contract, Schedule (B) – Technical Specifications, Schedule (C) – Delivery Destination, schedule (D) – Bid Form, Schedule (E) – Price Schedule.**
2. The Tenderers shall submit the following documents and information with the tender. Lack of complete and adequate information under any of the parameter may render the bid disqualified. **The technical document shall be tagged and indexed properly to locate the documents easily.**
 - a) **Technical Documents:**
 - i. Copy of Tender Notice
 - ii. Acceptance of Schedule (A) & Schedule (B)
 - iii. Bid Specific Manufacturer Authorization (MAF) in OEM Letter Head with Seal, Signature, Name, Email Id, Designation and Contact Number., OEM must mention Bidder's name with details of Communication Address, copy must be enclosed. (Authorization may be verified by OEM for authenticity)
 - iv. Bidder has to submit offered Product Compliance Sheet with Make & Model in OEM Letter Head with Seal and Signature has to be mentioned. This might be verified with the OEM.
 - v. Panel/Display OEM must have Service Centre in Bhubaneswar. Document proof should be attached.
 - vi. Escalation Matrix for Service Support: Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
 - vii. OEM & Product Should have BIS(Indian), TUV, CE, FCC, RoHS, Factory Licence
 - viii. Certificate of Incorporation in India minimum 20 Years for Panel OEM.
 - ix. Panel OEM should have ISO Certificates of 9001, ISO 14001, ISO 45001 for manufacturing facility of product.
 - x. 24X7 Toll free number for service support by OEM- Minimum two language support (a. English b. Hindi): Toll free number to confirm same available on website.
 - xi. Online portal and email facilities for lodging & tracking of complaints.
 - xii. OEM must have office in Odisha state since last 8 years, GST & Trade License to be provided
 - xiii. OEM must have experience in IFP from more than 6 years in India, Govt. customer copy with completion Certificate.
 - xiv. OEM of not being involved in any Bankruptcy filing or for protection from it.
 - xv. Bank draft of Rs.1000.00 (Rupees One Thousand) only drawn in favour of The Director, IMA, Bhubaneswar payable at Bhubaneswar towards tender paper cost.
 - xvi. Bank draft of Rs.27,000.00 (Rupees Twenty Seven Thousand) only drawn in favour of The Director, IMA, Bhubaneswar payable at Bhubaneswar towards EMD.
 - xvii. Performance Security shall be deposited by the successful bidder for supplying the goods/items.
 - b) **Price Bid Documents:**
 - i. Acceptance of Schedule (C) Delivery destination
 - ii. Filled up Schedule (D) – Bid form
 - iii. Filled up Schedule (E) – Price Schedule.
3. The quoted rates shall be for destination mentioned in the Schedule (C) Delivery Destination, inclusive of all taxes, duties, levies, charges, transportation cost, and transit insurance cost. The item should be shown separately along with the basic rate. Prices written in words shall be accepted in case of any discrepancy. Bids with conditions or provision of escalation will be summarily rejected.
4. Validity of period of the Tender shall be 90 days from the date of opening of the price bid.
5. The items are to be delivered in good condition at the place designated by IMA, Bhubaneswar as mentioned in the Schedule (C) for delivery destination.
6. If any item fails to satisfy requirement of standards, the item shall not be accepted and the tenderer shall remove it from point of delivery, at their own cost.
7. Items are to be delivered within 15 days of issue of purchase order.
8. The tenderer shall give a minimum warranty period of 3 years from the date of commissioning of the items at destination and shall submit a declaration from OEM regarding the same.
9. The tenderer has to rectify defects in the items supplied within 7 days of issue of intimation during the warranty period, failing which an amount of 01% of performance security will be forfeited per day of delay.
10. If the tenderer fails to supply the items within prescribed time period it shall be treated as breach of contract. The EMD may be forfeited and the supply order cancelled for which the tenderer shall remain fully responsible without any liability of IMA.
11. IMA may consider receiving the items beyond stipulated date by imposing liquidated damage of 0.50% (zero-point five zero percent) of cost per week of delay subject to maximum penalty of 5% of the value of each item inclusive of all taxes, duties, levies and charges. Part of the week shall be reckoned as one week.

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12. Tenders are to be submitted in a double cover system. The 1st sealed envelope should be marked as **Technical Bid** and shall contain the Technical Documents and the 2nd sealed envelope shall contain the **Price Bid** and should be marked as Price Bid. Both the 1st and 2nd sealed envelopes are then to be put inside a 3rd envelope duly marked **"Supply and Installation of Smart Panel with additional Display, Camera & Audio Support System"**. "From" and "To" addresses shall be written on each of the envelopes.
 13. Submission of sealed tenders shall be by **Speed Post/Registered Post or Courier Service**. IMA shall not be responsible for postal or courier service delays or missing of the documents during transit. Tenders reaching late (as per time mentioned in the Tender Notice) shall not be considered by IMA.
 14. Bidder's offer is liable to be rejected if they don't submit any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any. Conditional Tenders may be rejected. Decision of the IMA authorities in this regard shall be final. **Any fraudulent documents found in the bid; it would be liable to rejection of the bid.**
 15. **Terms of Payment:** Payment to the successful tenderer shall be made only after items are received in good and serviceable condition as per conditions stipulated in the tender documents along with required documents submitted to IMA in support of Bills. 90% of the bill amount will be released after successful commissioning & operational of the system & 10% of the Bill amount will be released after successful commission and operation of the system for 30 days.
 16. The tenderer shall not raise any claim in any manner after the Bill amounts are cleared against the purchase order.
 17. In case of any dispute between the Tenderers and IMA regarding interpretation of Tender document conditions, the decision of the Director, IMA, Bhubaneswar, shall be final and binding. Jurisdiction of Court – Civil Suits, if any, arising out of the contract shall have to be filed at Bhubaneswar under Khurda district. Writ petitions, Civil & Criminal, shall be filed in the High Court of Orissa, Cuttack.
 18. The EMD amount shall be returned to the successful tenderer after receipt of Performance Security amount.
 19. Announcements if any to this tender notice in future, please refer to the website mentioned above. No future advertisement/corrigendum publication will be made in News Paper.
 20. **Accepted the above conditions under schedule (A) of tender.**

Date:

(Signature of Tenderer)

Name:

Address:

Contact Number:

E-mail id:

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Schedule (B) - Technical Specification

SPECIFICATION FOR ITEMS (85" DISPLAY, 85" INTERACTIVE PANEL, VC CAMERA with All Accessorise) TO BE SUPPLIED,
INSTALLED & COMMISSIONED

ANNEXURE -I

85" Display		Complied (Yes/No)
Diagonal size	85" or higher	
Resolution	3840 x 2160 (16:9)	
Brightness (Typ.)	350 nits or higher	
Orientation	Landscape/Portrait	
Haze	2%	
Contrastratio (Typ.)	4000:1	
Type	VA	
Active display area	1872.0 (H) x 1053.01 (V)	
Pixel pitch (mm)	0.487 x 0.487	
Colour gamut	NTSC 72%	
Operation hour	16 X 7 or Better	
Video	HDMI 2.0 - 2 or more	
USB	2 or more	
Audio	Stereo mini jack	
Wi-Fi / BT	Yes	
External control	RS232C (In/out), RJ45	
Speaker	20w or higher	
Storage	8GB or higher	
Processor	CA53 1.3GHz Quad-Core	
Temperature	0°C~ 40°C	
Humidity	10 ~ 80%, non-condensing	
Security	802.1 x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	
EMC	Class A	
Safety	60950-1, 62368-1	

Date:

Name:

(Signature of Tenderer)

Address:

E-mail id:

Contact Number:

86" Interactive panel		Complied (Yes/NO)
Diagonal Size	86" or higher	
Type	Direct, 60Hz	
Resolution	3,840 x 2,160	
Brightness (Typ.)	400 nits or more	
Contrast Ratio (Typ.)	1,200:1	
Viewing Angle (H/V)	178:178	
Haze	25%	
Response Time (G-to-G)	8ms	
Dynamic C/R	4,000:1	
Speaker Type	30w or more	
VIDEO	HDMI 2 or more USB C OPS slot	
AUDIO	Stereo Mini Jack	
USB	4 or more	
Touch Out	Touch Out 2 or more	
CONTROL	Touch Input RS232C In, RJ45 In	
BT/Wi-Fi	Yes	
Wi-Fi Protocol	Wi-Fi 5 (802.11ac)	
Type	IR	
Touch	40 points	
Touch Pen Type	Passive Pen	
Touch Response Time	≤5ms or better	
Drawing Speed (Touch latency)	≤45ms or better	
Operating Temperature	0°C~40°C	
Humidity	10~90%	
Key	EDLA Certified Android Model (Google Play supported)	
Apps	Playstore, Chrome, Youtube, Drive, Note app, Screeshare, Finder, etc.	
Screen Share	Yes	
RAM	8GB or higher	
Storage	64GB or higher	
Operating System	Android 14 or higher	
Safety	IEC62368-1/UL62368-1/IEC60950-1 / IS13252	
EMC	FCC CFR Title 47, Part 15, Subpart B/ EN55032:2015+A11:2020	
Security	WFA/WPA/WPA2/WPA3 personal/ WPS2.0	
DMS (Data Manage System)	DMS on Premise (Not in Cloud) with a same OEM with Lifetime Licence : App Management: Install/update/manage apps, Create device groups to hierarchically manage displays, Enrol device to DMS, Provide device information, status and screen view, Change device settings, Set security so that only allowed people can use displays, Update software (DMS Client, Firmware), Add multi users to manage each group; Supported Features: Install/update Apps, Enable/Disable Apps, App Status, Create/Delete Groups, Add Device to Groups, Enable/Disable Auto Enrolment, Dashboard, Device Information, Device Naming, Connection Status, Screen Preview, Power on/off & Reboot, Input source, Device Lock, Setting Lock, Client Update (App), Firmware Update, Create/Delete/Manage Users. DMS and IFP should be from the same OEM.	

Name:

(Signature of Tenderer)

ANNEXURE -III

Complied (Yes/NO)

12X VC CAMERA	Full High Definition PTZ Camera with 12X Optical and 12X Digital Zoom. 1/2.7" HD CMOS sensor. HDMI 2.0 and USB 3.0 synchronous Video output. 1080p60 resolution on both HDMI & USB3.0 Interface. RJ-45 Port for Video Monitoring and Streaming Applications. Inbuilt RTSP/RTMP Server. 4 Infra-Red Identities Inbuilt. Wide Viewing Angle of 72.5°. High frame rate of 60FPS on USB 3.0 port as well as HDMI Port. TCP/IP Control, RS-232 as well as RS 485 Control.	
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1X4 HDMI Splitter	Distributes one HDMI input to 4 displays simultaneously with high-definition video and audio, supporting HDMI, 4K@60Hz	
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WIRELESS SPEAKER PHONE	Wireless Audio conference phone with 4 inbuilt Microphones. Wireless RF Dongle Supplied. Noise reduction. Automatic Gain Control. High Definition voice processing technology. Acoustic Echo Cancellation. Speaker Frequency response: 100 Hz to 22000 Hz. Output level: 95dB at 1m. Volume Up/Down, Microphone Mute. Audio pickup range of 16 feet or higher through inbuilt mics.	
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OPS	Processor- i5, RAM- 8GB, SSD- 512 GB, Windows 11 PRO OS	
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10 Mtr HDMI CABLE	10 Mtr HDMI cable with a transmission speed of 10Gbps or better, supports 4Kx2K Ultra High Definition	
5 Mtr HDMI CABLE	5 Mtr HDMI cable with a transmission speed of 10 Gbps or better, supports 4Kx2K Ultra High Definition	

Date:

Name:

(Signature of Tenderer)

Address:

E-mail id:

Contact Number:

SCHEDULE "C" DELIVERY DESTINATIONS

All items under this tender should be delivered to IMA, Bhubaneswar and should be, commissioned and installed in the Computer Laboratory and other locations within the campus of the Institute.

Accepted the above-mentioned conditions under Schedule "C" of the tender for our items of supply, installing and commissioning of supplied items

Signature of Tenderer

Date:

Name:

Address:

Contact Number:

E-mail id:

SCHEDULE (D) - Bid Form

To
The Director,
Institute of Mathematics and Applications,
Bhubaneswar.

Sir,

I/we have gone through the Tender Notice relating to **Supply and Installation of Smart Panel with additional Display, Camera & Audio Support System** Stations with 3 years warranty at Institute of Mathematics and Applications and the schedule (A), (B), (C), (D) and (E) of Tender document.

A sum of Rs. _____ (Rupees _____) only is hereby tendered in shape of duly pledged as Earnest Money Deposit (EMD). I also agree that an amount of 5 % (five percent) shall be deposited as Performance Security before supplying goods/items.

I/We have gone through all terms and conditions stated in the Tender documents and agree to all the terms and conditions.

(Signature of Tenderer)

Date:

Name:
Address

Contact Number:
E-mail Id:

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Schedule (E)

Price Schedule for Tender to Supply and Installation of Smart Panel with additional Display, Camera & Audio Support System with warranty (Continuation sheet may be used if required and each page to be signed)

Sl. No.	Items	Make, Model Description and Specification of the Item	Quantity in Units	Unit Price	Discount % (if any)	GST %	Other charges if any please specify in details	Total Price
01	86" SMART INTERACTIVE PANEL (Schedule - B, Annexure - II)		01					
02	85" DISPLAY (Schedule - B Annexure - I)		02					
03	12x VC PTZ CAMERA (Schedule - B Annexure - III)		01					
04	1X4 HDMI Splitter		01					
05	WIRELESS SPEAKER PHONE		01					
06	OPS		01					
07	10 Mtr HDMI CABLE		03					
08	05 Mtr HDMI CABLE		01					
Total Price								

Total Price (in words) _____

(Signature of Tenderer)

Date:

Name:

Address

Contact Number:

E-mail Id: