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DAVV/2025/SCR/1

Bid Enquiry Document

For

Supply and Installation of
Interactive Panels and Accessories for smart classrooms

Devi Ahilya Vishwavidyalaya
Takshashila Campus, Khandwa Road, Indore
<https://www.dauniv.ac.in>

On Line Bidding Notice

Online bids are invited under two bid system (Technical and Financial) from reputed experienced and financially sound Companies/Firms/OEMS/Agencies for purchase of interactive panels and accessories. The bid document may be downloaded on e-payment of Rs. 3000/- (Rs. Three Thousand only).

Sr No.	Particulars	Description
	Name of Department	Devi AhilyaVishwavidyalaya, Nalanda Campus, RNT Marg Indore(M.P.) - 452001
1	Name of Item	Supply and Installation of interactive panels and accessories for smart classrooms
2	Uploading/Publication of Bid Document	----- by --- hrs.
3	Downloading of Bid Document through website https://www.mptenders.gov.in	----- by --- hrs.
4	Pre Bid Meeting date	----- by --- hrs.
6	Last date of bid submission	----- by --- hrs.
7	Technical bid opening	----- by --- hrs..
8	Financial Bid Opening	Date will be notified on University website https:// www.dauv.ac.in
9	Bid Security/Earnest Money Deposit (EMD)	As mentioned in Technical detail to be paid online through e-procurement portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e-transaction details.
10	Bid Document Fee	INR Rs. 3000/- (Rupees Three Thousand only) (non refundable) + GST to be paid online through e-procurement portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e- transaction details.

Item : Interactive Panel

				Quantity
Attach Brochure and clearly highlight below mentioned features on it. Also write the page number of the brochure, where the required feature is given				20
EMD				Rs. 6.0 Lac
Make & Model				
S.No.	Features	Specifications	Compliance Status (Yes/No)	Page number of Brochure
1	Panel Size	86" or higher		
2	Type/Tech	DLED Backlight – Ultrafine Technology with IPS Technology		
3	Aspect Ratio	16:9		
4	Native Resolution	UHD 3840x2160 (Pixels)		
5	Colors	1.07B colours (10bit) or higher		
6	Brightness	450 Nits		
7	Contrast Ratio	5000:1 (DCR)		
8	Response Time	8ms		
9	Viewing Angles	H = 178° (H/V) or better		
10	Surface Treatment	Hardness: 9H (PENCIL) or better, Anti-glare coating		
11	Bezel	Slim		
12	Eye Care Certified Display	Yes		
13	Flicker Free	Yes		
14	Low Blue Light	Yes		
15	Dual Pens	Yes (8mm & 3mm)		
16	Windows Ink Compatibility	Yes		
17	4 Way split	Yes, using OEM built-in screen mirroring and casting software		
18	Orientation	Landscape		
19	Operating System	Built-in Android 13 or latest version		
20	Processor	Quad-core ARM Cortex (A55*4)		
21	RAM	8GB DDR4		
22	Storage	128GB		
23	Type/ Tech	IR Recognition		
24	Touch Resolution	32767 x 32767		
25	Touch Point	40 points touch, 10 points writing		
26	HDMI Input	3 x HDMI 2.0 IN (3840x2160 @ 60Hz)		
27	RGB / VGA	VGA (RGB) x 1,		

28	Audio In	1xOPS slot (optional Intel Standard OPS)		
29	RS232 & WiFi	RS-232 x1((For serial communication) WiFi x 1 (Optional, using a supported module)		
30	OPS	X1 (optical)		
31	HDMI Output	HDMI: 1X HDMI 2.0		
32	Audio Out	Audio: x1		
33	SPDIF	SPDIF: 1X digital audio output		
34	RJ45	x 2,		
35	Type A , B & C	Type A: 4 × USB 3.0 (Front ×2, Rear ×2), 1 × USB 2.0 Type B: 2 × USB (Front ×1, Rear×1) Type C: 1 × USB Type-C (Front) – (PD 65W + DP 1.2 + Data USB 2.0 + 10M/100M sharing)		
36	SPEAKERS	16 x 2		
37	Warranty	3 years		
Accessory 1 : Camera			Quantity	20
S.No.	Features	Specifications	Compliance Status (Yes/No)	Page number of Brochure
1	Specify Make and Model			
2	PTZ Function	c-PTZ only		
3	Resolution (Maximum)	4K HD (3840 X 2160 Pixel)		
4	Zoom Range Digital	6X - 9X		
5	Actual Digital Zoom (as per OEM Brochure)	8X		
6	Field of View (Degree)	105-120		
7	Actual Field of View (Degree)(as per OEM Brochure)	120°		
8	Compression Format	H.264,MJPEG,YUY2,H.265		
9	Maximum Frame Rates(frames per second) Supported	30		
10	Number of MICS	2		
11	Connectivity (Output)	USB (UVC, UAC),HDMI		
12	Salient Features	Auto White Balance, CMOS Sensor, Auto Focus ,Low light compensation, Universal clip fit		
13	Accessories	USB Cable, Built-in microphone		
14	Operating Temperature (Degree C)	0-40		

15	Relative Humidity Non Condensing at 40 deg C (%RH)	80		
16	Online meeting Platform supported (Application, Software)	Microsoft Teams, Zoom, Cisco Webex, Google Meet and others		
17	Ingress Protection	NA		
18	Comprehensive on site Warranty (Year)	3		
19	Free Installation and commissioning	Yes		
20	Supply of compatible drivers and software included	Yes		
21	Certifications to prove the conformity of product as per Governing Specification	BIS CRS certifications as applicable for Audio, video and similar electronic apparatus-safety requirements as per IS 616:2017. Must Attach all valid certificates/supporting document with technical bid		
22	Response time to attend the complaint	Within 1 hour		
Accessory 2: Podium			Quantity	20
S.No.	Features	Specifications	Compliance Status (Yes/No)	Page number of Brochure
1	Specify Make and Model			
2	Type of Chassis	Metallic with polymer-coated CRCA steel sheet		
3	Mount Type	Floor Mounted		
4	Thickness of Enclosure	1.6 mm (Min)		
5	Dimensions (cm)	50X40X115		
6	Weight (Kg)	Maximum 30KG		
7	Audio Port	yes		
8	SD Card Slot	yes		
9	USB 2	1		
10	Inbuilt Speakers	2 (50W each)		
11	Amplifier	100 Watt		
12	Central Control Panel	yes		
13	Gooseneck Mic	1		
14	Wireless Mic	1		
15	Handheld Mic	1		
16	Wireless Receiver	1		
17	Operating Temperature	0-45°C		
18	On site OEM Warranty	1 Year		

Accessory 3: Rack			Quantity	20
SNo	Features	Specifications	Compliance Status (Yes/No)	Page number of Brochure
1	Make and Model			
2	Type of Racks	Rack Enclosures		
3	Size	27U		
4	Depth of the Rack (mm)	Up to 1000		
5	Mount Type	Free-Standing		
6	Front door glass type	Transparent Toughened Glass		
7	Material used for rear door	CRCA Steel		
8	Side Panels With Key Locks and Slam Latch	Yes		
9	Rear split door design	Yes		
10	Cable channel in rear side for cable management	Yes		
11	Support cable entry from top or bottom	Yes		
12	Vertical & Horizontal cable managers	Yes		
13	Number of Fan	2 (For Heat dissipation)		
14	Number of fan trays	1		
15	Heavy Duty Caster Wheels	Yes with front break option		
16	Load Bearing Capacity (Kgs)	Up to 300Kg		
17	PDU Power Strips	Yes		
18	Weight (Kg)	63 Kg (Max)		
19	Warranty	3 Years		
Accessory 4: Online UPS			Quantity	20
SNo	Features	Specifications	Compliance Status(Yes/No)	Page number of Brochure
1	Rating and switching technology	1.0 KVA, IGBT-PWM		
2	Input/output Voltage	Input : AC Single phase 160V - 260V 50Hz Output : AC Single phase 230V +/-1% 50 Hz		
3	Battery Bank with Online UPS (bidder should ensure compliance to the GST Rates as per recommendations made in the 45th Meeting of GST council)	SMF-VRLA conforming to JISC:8702 (Pl.I,II&III), Stationary Lead Acid Batteries (with tubular positive plates) in monobloc container conforming to IS:13369:1992 latest		

4	Warranty for UPS	2 Years		
5	Backup time	30 Minutes		
6	Battery capacity	9 Ah		
7	Weight of Battery	Up to 2.2 Kg or less		
8	Number of batteries	9		
9	Minimum Guaranteed VAH	1600 X Per KVA X Per hour of backup time		
10	Warranty for battery by Battery OEM	2 years		
11	After sales service (Turn Around Time)	Within 48 hours		
12	Overall Efficiency (%)	>=90% & <94%		
13	Power Factor Load Supported	0.8 or better		
14	Overload limit	20% Overload for minimum 5 minute, 50% Overload for minimum 3 seconds		
15	Total Harmonic Distortion(THD) (%)	3% Maximum @ 100% Linear Load		
16	Other Functional Features	Crest factor on full non-linear load is not less than 3:1		
17	Accessories	Rack for Batteries, Cabling 6 meters (input up to 3m and output up to 3m).Paralleling kit (Hot Standby Configuration),Paralleling kit for synchronizing (Parallel Redundant Load Sharing Configuration),SNMP Card (with Suitable Software) for communication, The UPS shall be complete with Trolley for battery bank, battery, Cables and connectors etc		
18	Metering and alarm indications	Input/ output voltage, alarm for mains presence and over temperature		
19	Additional Features	Pure Sinewave AC Output, protection IP20,		
20	Type of Design	Floor Standing, enclosure : 1.0 mm Minimum Thickness of M.S. Sheet duly powder coated		
21	DC Bus Voltage	36 Volts		
22	Temperature & Humidity	0 – 45 degree Celsius, 90 percent		
23	Certification	As per Meity guidelines UPS shall have valid BIS CRS certifications as applicable		

I. Bidders Qualification Criteria (for interactive panels)

- 1) Only OEM or OEM authorized vendors are allowed to participate in this bid. In case of OEM authorized vendors, OEM authorization letter for this bid must be submitted by the vendor, failing this will result in bid rejection. The letter must also mention that all support and services will be ensured by OEM for successful and effective execution of software and hardware operations for at least 03 years from the placement of the purchase order.

- 2) **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking in to this effect with the bid.
- 3) **Turnover Criteria:**(i) Average annual financial turnover of the OEM of the offered product during the last three years, should be Rs. 35 Crore. (ii) The minimum average annual financial turnover of the bidder of IT equipments during the last three years should be as Rs. 2.5 Crore. Submit financial details which clearly mentions the turnover of last five years. Necessary documentary proof should be uploaded.
- 4) The bidder should have minimum of 5 years of experience of sale/supply of Interactive panels and/or equipment of similar type and size. A table to be prepared having columns as Purchaser's Name and Address, order number and date, ordered quantity, order value. The supporting documents to be uploaded along with the bid. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - (i) Order Execution completion certificate by client.
 - (ii) Any other document in support of order execution like Third Party Inspection release note, etc.
- 5) The track record of the bidder should be clean and should not have any involvement in illegal activities or financial misappropriation /frauds or should not be blacklisted by any organization etc. (submit declaration as per the format specified in Annexure I)
- 6) OEM should be ISO 9001, SA8000:2014, ISO 50001, ISO14001, ISO45001 certified. OEM should have BIS, RoHS, Energy Star 8, EPEAT Gold valid certificates. Copies of the valid certificates should be submitted.
- 7) Bidder to submit mandatory declarations in specified format (i) Restrictions on procurement from bidders from country(s) or class of countries which share a land border with India under rule 144(xi) of GFR rule 2017(ii) Public Procurement Preference to Make in India (PPP-MII) order No. P-45021/2/2017-PP (BE-II) dated 4/6/2020 and (ii) (formats given in Annexure III and Annexure IV).
- 8) The bidder should submit combined quote for item and all accessories. The technical and financial evaluation will be based on combined quote (item and accessories) only. Partial quote without any/any accessories will not be considered for further evaluation.

II. **Acceptance Criteria:**

- 1) The material will be accepted only after testing randomly selected interactive panels and accessories for continuous operations for 5 days (24X5), without electrical shutdown, in Indian environmental conditions inside Non-AC rooms/labs.
- 2) All the panels and accessories will be accepted after physical verification of the complete inventory and all features as specified in the bid will be tested to full satisfaction for acceptance.
- 3) The unique support service tag numbers associated with the interactive panels and accessories will be tested and verified by DAVV for escalation of support calls as per the call escalation matrix.
- 4) The bidder must demonstrate the facility to perform online checking and downloading of updates of associated software, device drivers, and firmware from OEMs website with the serial no/service tag/device id of the offered product.

iii. General Terms and Conditions for all items :

1. Scope of supply (Bid price to include all cost components) : Supply, Installation ,Testing and Commissioning of goods.
2. Actual delivery (and Installation & Commissioning (covered in scope of supply)) is to be done at following address :
UTDs in Takshashila Campus, Devi Ahilya Vishwavidyalaya, Khandwa Road, Indore
3. **Bid Validity Period** : Bid should be valid for acceptance for at least 180 days from the date of bid opening.
4. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards.
5. The Bidder should submit the following documents along with the quotation:
 - a. Profile giving complete details about the firm, including period for which it is in the similar business, duly signed by an authorized person(s). Also fill general information in the format specified.
 - b. Documentary evidence in the form of certified Audited Balance Sheets of last three years shall be uploaded with the bid.
 - c. CA certificate giving Company Turnover details of last five years.
6. The EMD shall stand forfeited if the successful bidder, who's bid is accepted, fails or refuses to furnish the security deposit amount within a fortnight from the date of acceptance of his offer, fails or refuses to execute the contract. No interest would be payable for any period on EMD. The amount of EMD will be refunded only after finalization of bids. The EMD in case of successful bidder may be adjusted against security deposit. It will be refunded only after the receipt of the Prescribed Security Deposit.
7. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied, cost should be included in bid price.
8. One full time service engineer to be deputed for 1 year to maintain and provide training of interactive panels in DAVV campus on all working days.
9. Bidders will submit the EMD with Payment online through RTGS / internet banking in Beneficiary name Registrar, DAVV, Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
10. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any, proof of EMD.
11. Bidder to provide call escalation matrix provided by OEM for service support.
12. The DAVV has full rights to accept or reject any bid, without assigning any reason.
13. **Quality Assurance:** The OEM of the offered products must have required Quality Assurance Plan (QAP) for manufacturing of the products. The QAP must conform to national/ international standards and verified by national/international authorities. Necessary documentation of the same must be produced along with the quotation. DAVV reserves the right to carry out physical inspection of the OEMs manufacturing facility by its technical team.

14. DAVV reserves the right to accept or reject any bid, without assigning any reason thereof to the bidder.
15. The bidder must submit general information about the company in the format given in Annexure II
16. JURISDICTION: Any dispute or difference, arising under, out of, or in connection with this Bid/ Purchase order shall be subject to exclusive jurisdiction of competent court at **Indore** only.

Annexure I

DECLARATION

- (I) I..... do hereby declare that our firm is not black listed and no enquiry/cases are pending against us by the Govt. of India/any State Board/Universities, since inception of the firm/company. I further undertake that if above declaration proves to be wrong/incorrect or misleading our bid stands to be canceled/terminated.
- (II) I/We solemnly declare that I/we have attached all the documents mentioned here above and mentioned in the bid. I/We also understand that non-compliance of any documents will be treated as no- respective bid and we will lose our claim to participate in the bid enquiry automatically and our bid will be liable to rejected
- (III) I/We further declare that the details given are correct to the best of my/our knowledge and agree to abide by all bid/order terms and conditions mentioned in the bid document.

Signature with seal:

Name and Designation of Authorized Signatory

Date & Place

Annexure II**Format for General Information:**

Sno.	Particulars	Details
1	Name and Address of the Bidder	
2	Year of establishment	
3	Contacts	
	Office Telephones	
	Mobile No.	
	e-mail address	
5	Name of the Chief Executive and Telephone No	
6	GST Registration Nos.	
7	Income Tax PAN / GIR No	
8	EPF No. (enclose certificate)	
9	Turnover of last five financial years:	
	Financial year(2023-24) :	
	Financial year -1(2022-23):	
	Financial year -2(2021-22):	
	Financial year -3(2020-21):	
	Financial year -4(2019-20):	

Signature with seal:**Name and Designation of Authorized Signatory****Date & Place:**

Annexure III

Eligibility Declarations

(To be submitted on company letter head along with supporting documents, if any)

Tender Ref. No.:

Tender Title: Purchase of interactive panels and accessories

Bidder's Name: _____

(With Address and contact details)

Restrictions on procurement from Bidders from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017.

“We have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India. We certify that this bidder

- ☐ Is not from such a country
- ☐ Is from a country and has been registered with competent authority
(evidence of valid registration to be attached by the bidder).
(Select one of the above and strike off the other)

We hereby certify that we fulfill all requirements in this regard and are eligible to be considered.

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any future changes to the above details. We understand that any wrong or misleading self-declaration by us would be violation of Code of integrity and subject to debarment.

(Signature with date)

(Name and designation)

Duly authorized to sign Bid for and on behalf of

(Name & address of the Bidder and Seal of Company)

Annexure IV

Self-Certification under Preference to “MAKE IN INDIA” order Certificate**(To be submitted on company letter head)**

As per the Government Public Procurement Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 issued by Ministry of Commerce and Industry and subsequent amendment of the order dt.16/09/2020, we hereby certify that we M/s _____ (supplier name) are local supplier meeting the requirement of minimum local content (i.e. amount of value addition) _____ % as defined in above orders for the item/s against Enquiry/Tender-ID _____.

Details of location(s) at which local value addition made:

(site/facility address where local value addition is made)

Address: _____

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of Code of integrity and subject to debarment.

Signature with stamp

Name of authorized person: _____

Designation of authorized person: _____