



Bid Number: GEM/2022/B/2809550 Dated: 02-12-2022

Bid Document

	Bid Details			
Bid End Date/Time	17-12-2022 15:00:00			
Bid Opening Date/Time	17-12-2022 15:30:00			
Bid Offer Validity (From End Date)	30 (Days)			
Ministry/State Name	Rajasthan			
Department Name	Sanskrit Education Department Group 6			
Organisation Name	Jagadguru Ramanandacharya Raj Sanskrit University			
Office Name	302026			
Total Quantity	1			
Item Category	VC Setup			
BOQ Title	VC Setup And configuration			
Minimum Average Annual Turnover of the bidder (For 3 Years)	4 Lakh (s)			
OEM Average Turnover (Last 3 Years) 8 Lakh (s)				
Years of Past Experience Required for same/similar service3 Year (s)				
MSE Exemption for Years of Experience and Turnover				
Startup Exemption for Years of Experience and Turnover	Νο			
Document required from seller	Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, OEM Annual Turnover, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer			
Past Performance	10 %			
Bid to RA enabled	No			
Type of Bid	Single Packet Bid			
Time allowed for Technical Clarifications during technical evaluation	2 Days			
Estimated Bid Value	700000			
Evaluation Method	Total value wise evaluation			

EMD Detail

Advisory Bank	State Bank of India	
EMD Amount	14000	

ePBG Detail

Required	No

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Asst. Professor 302026, Sanskrit Education Department Group 6, Jagadguru Ramanandacharya Raj Sanskrit University, (Dr. Sandeep Joshi)

Splitting

Bid splitting not applied.

MSE Purchase Preference

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	MSE Purchase Preference	No	
L			

No

MII Purchase Preference

MII Purchase Preference

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of

quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue	
12-12-2022 14:00:00	Meeting Hall, Admin Block	

VC Setup

on branded		Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Dr. Sandeep Joshi	302026,village madau, post bhankrota, jaipur	1	30

Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Warranty

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 5 years for the offered products at the rate not more than 10 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).

3. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service without Parts.

for next 5 years for the offered products at the rate not more than 10% of contract price per annum. Buyer

reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing) with

the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the

payment for the AMC charges would be made Quarterly after rendering of the AMC Services of the

relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept

the AMC contract when called upon by the buyer. The original Performance Security of contract will be

returned only after submission and verification of AMC Performance Security for 2% of total AMC value

valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be

uploaded with bid)

5. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

6. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

This Bid is also governed by the General Terms and Conditions

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.



Technical Specification

Specification of VC Setup in Conference Room 1

Sr.No	Feature	Specification	Complian
1	Interactive Flat Panel 75 inches (Ekin/Cisco/Promethean/Smart)	(Yes/No)
	Active Screen Size ("inch)	75"	
_	Display Backlight	DLED	
	Display Area	1649*927mm	
	Display Ratio	16:9	
	Resolution	3840*2160 or better	
	Display Colors	10 bit or better	
	LCD Brightness	>450cd/m2 or better	
	Contrast Ratio (Typical)	4000:1 or better	
	Response Time (Typical)	4ms or better	
	Viewing Angle	1780	
	Life time (working hours)	>50,000 hours or better	
	Display Orientation	Landscape	
	Reference Frequency	120Hz	
-	Speakers	Should be SEAMLESSLY build-in the display	
1	Max.Power Output	2x15 Watts or above	
	Speaker Position	Seamlessly mounted in lower side of the display. Front facing, Forward through	
F	Rated Impedance		
F	Freq.Response	180Hz-20kHz	
0	Dutput S.P.L.	84 ± 3dB	
Т	ouch Technology Deployment	Touch feature should be seamlessly build- in the display and NO overlay is allowed	
Т	ouch Sensor	Advanced IR	
s	urface material of touch surface	Anti-Glare & Anti-Finger Print Glass	
P	rotection	3M antiglare	
Н	aze	2%~5%	
	ouch Screen Writing Tools	Nano Pen (>3mm width) included or Finger	
T	OUCH Response time	≤4ms or better	
	ositioning Accuracy	±1mm or better	
Tr	ansmission Range	5M	
Tr	ansparency	>88% or better	
Su	urface Hardness	H7 or More than H7	
GI	ass thickness	4 mm	
н	D Support	Must have a provision to connect with any external sources	
То	uch Points in Windows	Must have a touch capability of MINIMUM 20 points	

667

	Touch Points in Embedded OS	Must have a touch capability of MINIMUM 10 points
	Writing Tool	Shall use with Nano Pen (>3mm width) included or Finger
-	Scan Speed	133Hz or better
-	Communication Interface	inbuilt - USB-A type
	Ports	2xHDMI , 1x USB fro touch, 2 x USB for Media play function, 1 x Microphone(3.5mm):-To connect any external microphone, DPx1 (4K@60Hz)+ USB for Touch Port 3 while using Display port, RJ45 x 1, USB 3.0 x 1, VGAx1 (1920x1080@60Hz) + USB for Touch Port 4 while using VGA port, 3.5mm Line out x 1 DC Out (5V 2A) x1
-	OPS Slot	Min one OPS slot
	Multimedia File Formats Supported	Support all major types of multi-media files
	GUI - Graphic User Interface	The display must have GUI for ease access of resources, functions and shortcuts. This GUI shall be any proprietary OS but must be computable with Android coding.
	Play Store	Should have play store installed in Android OS
	Software Features	Software must support all basic features like Pen selection, width selection, Color change, Background change, erase, Multiple page navigation, saving of file in PDF and JPEG.
	Special software Features	Whiteboard software should give option to navigate page with 2 fingers without using menu. Special eraser to erase while writing wihtout selecting menu.
	Customized GUI	User can easily customized their own background and logo's
	Multimedia File Formats Supported	Support all major types of multi-media files
	RAM	3GB or higher
	ROM	32GB built in or higher
	Power consumption	power consumption 250 watts or lower
-	Android Version	8.0.0 or higher
	Android resolution	4K

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		-15°C~55°C/20~90%RH(Non coagulation)		
	Working Temperature/Humidity	0°C-40°C/20~80%RH(Non coagulation)		
	Mounting Capabilities	facility to mount on floor stand or wall brackets		
	Brand	Brand should be registered in India for last 3 years		
	OEM Office	OEM Should have GST office in state.	_	
	Certificate	BIS/CE/FCC/ROHS/NSIC	_	
	Manufacturer's authorization	The bidder must submit the authorization certification		
	Wall Mount Kit for Pannel(Ekin/Ebc		_	
	Suitable for TV size:65"-98"	-,		
	Including a precision bubble lever to assure proper mounting angle.			
-	Fits most flat panel plasma and LCD TV, safe and easy to install.			
	Surface: powder coated.			
	Compliant to VESA standard: 200*200mm.			
	Max load capacity: 85 kg.			
2	PTZ Camera 20X Optical Zoom w (Polycom/Cisco/Sony/Ekin/Cano Optical Zoom	n)		
2	(Forycom/Cisco/Sony/Ekin/Cano	n) 20x		
2	Optical Zoom	n) 20x ST/HD Video format:		
2	(Forycom/Cisco/Sony/Ekin/Cano	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97		
2	Optical Zoom Video format	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3		
2	Video format Iris Sensor	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor		
2	Video format Iris	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP		
2	Video format Iris Sensor Effective Pixels Digital Zoom	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 - F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more		
2	Video format Iris Sensor Effective Pixels	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON)		
2	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/		
2	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 - F3 %.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K/ 6500K		
2	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K/ 6500K Auto/Manual		
2	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance Focus/Iris/Electronic Shutter	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K/ 6500K Auto/Manual On/Off		
2	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance Focus/Iris/Electronic Shutter BLC	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 - F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K / 6500K Auto/Manual On/Off OFF/Dynamic level adjustment		
2	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance Focus/Iris/Electronic Shutter BLC	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K/ 6500K Auto/Manual On/Off OFF/Dynamic level adjustment Brightness, color, Saturation, Contrast.		
	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance Focus/Iris/Electronic Shutter BLC WDR	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 - F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K /6500K Auto/Manual On/Off OFF/Dynamic level adjustment Brightness, color, Saturation, Contrast, Sharpness. B/W mode, Gamma curve		
	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance Focus/Iris/Electronic Shutter BLC WDR Video Adjustment	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 – F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K/ 6500K Auto/Manual On/Off OFF/Dynamic level adjustment Brightness, color, Saturation, Contrast.		
	Video format Iris Sensor Effective Pixels Digital Zoom Minimum Illumination DNR White Balance Focus/Iris/Electronic Shutter BLC WDR Video Adjustment SNR	n) 20x ST/HD Video format: 1080P60/50/30/25/59.94/29.97 F1.5 - F3 ½.8 inch high quality HD CMONS Sensor 10:9 2.07MP 10X or more 0.5Lux (f1.8, AGC ON) 2D & 3D DNR Auto/Manual/One Push/3000K /4000K/ 5000K /6500K Auto/Manual On/Off OFF/Dynamic level adjustment Brightness, color, Saturation, Contrast, Sharpness. B/W mode, Gamma curve		

130

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	LAN Port	100M IP Port(100Base-TX); Support VISCA			
		protocol control through IP Port.			
	Network Protocol Power Interface	RTSP,TRMP, ONVIF, GB/T28181			
		HEC3800 outlet (DC12V)			
	PTZ and other parameter				
-	Pan/Tilt Rotation	+-170 degree, -30 degree+90 degree			
	Pan Control Speed	0.1-60 degree/sec			
	Tilt Control Speed	0.1-30 degree/sec			
-	Preset Speed	Pan:60 degree/sec, Tilt 30 degree/sec			
	Preset number	255 presets (10 presets by remote controller)			
	Power Adapter	AC110V-AC220V to DC12V/1.5A			
	Dimension	150mmX150mmX167.5mm			
	Tripod	Yes			
	Certificate	BIS/CE/FCC/ROHS			
4	The three Presentation and HDMI Switcher (Ekin / Placetter in				
_		(ERM / Blackbox / Barco)			
-	Input Video Port	1 x VGA; 2 x HDMI; 1 x USB-C;			
		1 x LAN, 10/100/1000 Mbps Ethernet; 1 x WLAN			
-	Input Resolutions	VGA			
		640x480 ^{8,9} , 720x480 ⁸ , 720x576 ⁹ , 800x600 ⁸ , 1024x768 ^{9,9} , 1280x720 ^{7,8} , 1280x800 ⁸ , 1280x1024 ^{8,9} , 1360x768 ⁸ , 1366x768 ⁸ , 1400x1050 ⁸ , 1440x900 ⁸ , 1600x900 ⁸ , 1600x1200 ^{8,9} , 1920x1080 ^{8,8}			
		· HDMI/USB-C:			
		640x480 ⁸ , 800x600 ⁸ , 1024x768 ⁸ , 1280x768 ⁸ , 1280x800 ⁸ , 1280x1024 ⁸ , 1360x768 ⁸ , 1366x768 ⁸ , 1440x900 ⁸ , 1400x1050 ⁸ , 1600x1200 ⁸ , 1680x1050 ⁸ , 1920x1200 ⁸ , 720x480 ⁸ (480p), 720x576 ⁶ (576p), 1280x720 ⁵ (720p30), 1280x720 ⁶ (720p50), 1280x720 ⁸ (720p60), 1920x1080 ² (1080p24), 1920x1080 ³ (1080p25), 1920x1080 ⁶ (1080p50), 1920x1080 ⁶ (1080p50), 1920x1080 ⁶ (1080p60), 3840x2160 ⁵ (2160p30)			
-		LAN/WLAN: Up to 1920x1080 ⁸ (1080p60)			
		Note: The input resolution support for LAN or WLAN may vary according to the specific BYOD protocols and devices.			

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	1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz, 9 = 75 Hz
Output Video Port	2 x HDMI, 1 x HDBaseT
Output Resolutions	For HDMI OUT 1:
	720x480 ⁸ (480p60), 720x576 ⁵ (576p60), $640x480^8$, 800x600 ⁸ , 1024x768 ⁸ , 1280x1024 ⁸ , 1366x768 ⁶ , 1440x900 ⁸ , 1280x800 ⁸ , 1680x1050 ⁸ , 1920x2160 ⁵ , 1600x1200 ⁸ , 1920x1200 ⁸ , 2560x1440 ⁵ , 2560x1440 ⁶ , 1280x720 ⁶ (720p50), 1280x720 ⁸ (720p60), 1920x1080 ⁸ (1080i50), 1920x1080 ⁸ (1080p24), 1920x1080 ⁶ (1080p25), 1920x1080 ⁶ (1080p50), 1920x1080 ⁶ (2160p25), 3840x2160 ⁵ (2160p30), - 3840x2160 ⁵ (2160p30), - 3840x2160 ⁶ (2160p50), 3840x2160 ⁸ (2160p60)
	For HDMI OUT 2:
	Up to 1920x1080 ⁸ (1080p60)
	1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz, 9 = 75 Hz
Input Audio Port	2 x HDMI, 1 x USB-C, 1 x LAN, 1 x Analog Audio, 1 x WLAN
Input Audio Format	RAW PCM, 16 bit, 32/44.1/48KHz sps; PCM 2.0
Output Audio Port	2 x HDMI, 1 x Analog Audio
Output Audio Format	RAW PCM, 16 bit, 32/44.1/48KHz sps; PCM 2.0
Control Method	Front panel buttons; Web UI; Telnet API/CLI
Wi-Fi	
Standard	IEEE 802.11 a/b/g/n/ac
Frequency	Dual bands, 2.4~2.4835GHz, 5.0~5.8GHz
Throughout	2T x 2R, up to 867Mbps
Security	WEP, TKIP, AES, WPA, WPA2
General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model:
	±8kV (Air-gap discharge)/

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	Power Supply	±4kV (Contact discharge)
	Power Consumption	12 V 1 A DC
		20W (Max)
5	4K60 5x1 Multiviewer (Ekin / E	Blackbox / Barach
	Input	
		3 x HDMI2.0(4K60); 2x DP1.4 HDMI2.0;
	Input resolution	$\begin{array}{c} \textbf{640x480}^{8}, \textbf{800x600}^{8}, \textbf{1024x768}^{8},\\ \textbf{1280x768}^{8}, \textbf{1280x800}^{8}, \textbf{1280x1024}^{8},\\ \textbf{1360x768}^{8}, \textbf{1366x768}^{8}, \textbf{1440x900}^{8},\\ \textbf{1400x1050}^{8}, \textbf{1600x1200}^{8}, \textbf{1680x1050}^{8},\\ \textbf{1920x1200}^{8}, \textbf{720x480}^{8}, \textbf{480p},\\ \textbf{720x576}^{6}, \textbf{(576p)}, \textbf{1280x720}^{5}, \textbf{(720p30)},\\ \textbf{1280x720}^{6}, \textbf{(720p50)}, \textbf{1280x720}^{8}, \textbf{(720p60)},\\ \textbf{1920x1080}^{2}, \textbf{(1080p24)},\\ \textbf{1920x1080}^{3}, \textbf{(1080p25)},\\ \textbf{1920x1080}^{6}, \textbf{(1080p50)},\\ \textbf{1920x1080}^{8}, \textbf{(1080p50)},\\ \textbf{1920x1080}^{8}, \textbf{(1080p50)},\\ \textbf{1920x1080}^{8}, \textbf{(1080p50)},\\ \textbf{30}, \textbf{3840x2160}^{6}, \textbf{(2160p50)}, \textbf{3840x2160}^{5}, \textbf{(2},\\ \textbf{160p60)} \end{array}$
Output signals	1 = 23.98 Hz, 2 = 24 Hz, 3 = 25 Hz, 4 = 29.97 Hz, 5 = 30 Hz, 6 = 50 Hz, 7 = 59.94 Hz, 8 = 60 Hz, 9 = 75 Hz	
-	o stpar signals	1 x HDMI2.0
c	Dutput resolution	HDMI2.0 1920x1080 ⁶ (1080p50). 1920x1080 ⁶ (1080p60), 3840x2160 ⁶ (2160p30). 3840x2160 ⁶ (2160p50). 3840x2160 ⁸ (2160p60) 1 = 23.98 Hz, 2 = 24 Hz, 3 = 25 Hz, 4 = 29.97 Hz, 5 = 30 Hz, 6 = 50 Hz, 7 = 59.94 Hz, 8 = 60 Hz, 0 = 50 Hz, 7 = 59.94
A	udio	Hz, 8 = 60 Hz, 9 = 75 Hz
In	iput port	3x HDMI, 3xDP
-	put audio signal	RAW PCM, 16 bit, 32/44.1/48KHz sps; PCM 2.0
0	utput	1 x HDMI2.0;1 x Analog Audio
0	utput audio signal	RAW PCM, 16 bit, 32/44 1/48KHz eps:
Co	ontrol method	PCM 2.0
	ont panel button MODE	Select disele
IN		Select display mode Switch/select the input 1 for Single-view mode
INZ	2	Switch/select the input 2 for Single-view
-		mode

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		mode		
	IN4	Switch/select the input 4 for Single-view mode		
	IN5	Switch/select the input 5 for Single-view mode		
	田	Default input 1 to input 4, Quad-view mode		
	IR	Can realize all the functions of the button, also support fast switching		
	RJ45	DB9, serial port control		
	General parameters			
	General parameters	0 to +45°C (32 to + 113 °F)		
	Storage temperature	-20 to +70°C (-4 to + 158 °F)		
	Relative humidity	10% to 90%		
	Static Protection	Human body discharge mode ±8kV (Air gap discharge)/		
	Power supply	±4kV (Contact discharge)		
	Power consumption	12 V 1.5 A DC		
	r ower consumption	10W(Max)		
-	1 M.C. 1			
6	Wireless microphone (Shure/Ekin/A	KG/Sennheiser)		
	Туре:	upto 200 channels single lapel / Head wireless type		
-	Hand Held Mic	2 hand held wireless Mic		
-	Impedance:	1-1.9KΩ		
	Sensitivity:	-44±2dB RL=800Ω VS=1.5V (1KHz 0dB=1V/Pa)		
	Frequency Response:	50-16KHz		
-	Direction:	Uni-direction		
	S/N Ratio:	More Than 58dB		
_	Frequency:	672.5-684.5MHz		
	Radio Frequency Power	10dBM/10MV		
	On-off Control:	Physical Switch		
	Power Supply Voltage:	2*AA Batteries		
	Frequency:	672.5-684.5MHz		
	Sensitivity:	-95db		
	S/N Ratio:	More than 58dB		
	Frequency Response:	40Hz-15KHz		
	Power Supply:	USB,5V		
	CAPABLE OF LAPEL MIC AT A TIME	TWO PERSON CAN DISCUSS		
7	Mixer			

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Line Input	Balance and unbalanced 42dB
THD	<0.1%
Frequency Response	20Hz - 18kHz
S/N Ratio	> 68dB
Clip LED indication	4 dB prior to true clip
Accessories 8	
Power Cable	10 Mtr of good quality power cable.
Camera Celling mount	Mount for PTZ camera
	Made of Metal
Camera Celling Stand	Celling Mount for PTZ camera
	Made of Metal
Air mouse	Remote mouse control for panel
Keyboard and mouse	Wireless
	Reputed Brand
Accessories	Any other accessories as required for installation
Installation 9	
New product need to be integrat installed in the conference Room products with integration with ex-	ed with existing Amplifier and Speakers already Proper installation and implementation of all kisting devices.

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-	BOM Of Conference Room	
Sr.	Item	01
1	4K 75" Display with Android and Windows	Qty
2	Power Cable 10 Mtr	
3	Full HD PTZ Camera (20x) Opical Zoom)	
4	Full HD PTZ Camera (10x) Opical Zoom)	
5	Camera wall & Celling Stand	
6	Wireless Presenter	
7	Multiviewer	
8	Hand mic	
9	Air mouse cum Remote	
10	Mixer 2X6	
11	Wireless Kbd Mouse	
12	Accessories	1
13	Installation	1

517

ATC

1	We can ask for demo of all product.
2.	Brand should be registered in India minimum 3 years.
3.	Bid should be MAF oriented
4.	OEM should have Gst office in State for last 3 years. GST of OEM to be submitted.
5.	SI/OEM should have prior experience of work.
6.	Site Inspection certificate must be arranged with visit date and time/done by the OEM
7.	SI/OEM should have MSME Certificate.

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Bid Number: GEM/2022/B/2809550 Dated: 13-12-2022

Bid Corrigendum

GEM/2022/B/2809550-C3

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

- 1. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- 2. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 5 years for the offered products at the rate not more than 10 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing) with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).
- 3. Installation, Commissioning, Testing, Configuration, Training (if any which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
- 4. Buyer Added text based ATC clauses

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service without Parts.

for next 5 years for the offered products at the rate not more than 10% of contract price per annum. Buyer

reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing) with

the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the

payment for the AMC charges would be made Quarterly after rendering of the AMC Services of the

relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept

the AMC contract when called upon by the buyer. The original Performance Security of contract will be

returned only after submission and verification of AMC Performance Security for 2% of total AMC value

valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be

uploaded with bid)

In cash of delay in supply/execution of work without prejudice to the right to cancel the work/supply order, penalty should be imposed as <u>follows:-</u>

1 Delay period is upto 7 days (penalty=2% of ordered value)

2 Delay period is upto 7 to 15 days (penalty=5% of ordered value)

3 Delay period is upto 15 to 30 days (penalty=10% of ordered value)

4 Delay period is greater then 30 days then order shall be cancelled and security deposit shall be forfeited.

however, if there any hindrance/barrier in execution of work form University side, then relaxation wil be granted without penalty as deemed fit.

- 5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 6. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 7. **Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid
- 8. Buyer uploaded ATC document <u>Click here to view the file</u>.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

This Bid is also governed by the General Terms and Conditions