State Project Director, Samagra Shiksha Abhiyan (SEMAM), Education Department, Government of Meghalaya

RFP No. and Titke: SELECTION OF PROSPECTIVE BIDDER/ SYSTEM INTEGRATOR FOR IMPLEMENTATION OF VIDYA SAMIKSHA KENDRA (VSK) IN THE STATE OFMEGHALAYA

Tender No.SEMAM/SAMAGRA-SA/MIS/VSK/37/2022/ Dated 23rd May, 2023

CORRIGENDUM-02 Dated 28-07-2023

Further to Bid Document [Ref Tender No.SEMAM/SAMAGRA-SA/MIS/VSK/37/2022/ Dated 23rd May, 2023 amendments are notified as below. All other requirements / specifications / information / Terms and Conditions remain unchanged except as given below

1. 4.2- Procurement and Installation of IT Hardware/ Furniture/Video Wall Solution (Detail specification of all other items remain unchanged except the Specification of the items given below)

Sl no	Clause	Existing Specification		Revise Specification	
		Item Name	Minimum Specs	Specifications	Description
	Procurement and Installation of IT Hardware/ Furniture/Video Wall Solution Detailed specifications of the IT Infrastructure/Furniture/Video Wall Solution Pg13 - 14	Video wall (Active LED) with Approximate size 20 ft X 6 ft along with Software to use the same	Active LED with Approximate size 6000MM X 1650MM along with Software to use the same Environment- Indoor, Pixel Pitch: Approx 1.9 mm or better LED Type: 3-in-1 Black SMD or better Pixel Configuration: 1 Red, 1 Green, 1 Blue , Module Composition (WxH): 4x1 Preferred for uniform viewing and heat dissipation, Drive Mode: Constant Current Drive, Brightness: 1000 cd/m2 or more Brightness Control: Manual or Automatic Brightness Control, Brightness Uniformity:≥97 % or better Contrast Ratio: 8000:1 or more, Color Temperature: 3000-10000 K, Viewing Angle: H: 160 degree; V:140 degree. Better wil be preferred, Viewing Distance: ≥1.25 m or better Chromaticity Uniformity: ±0.003 Cx, Cy or better Pixel Density: 284444 pixels / m² or better Pixels Per Panel (W x H): 320 x 180 Pixels or better LED Luminance Center: ≤3% or better Flat Surface : ≤0.3 mm or better High Dynamic Range: Must be Supported. Must be HDR Ready, Processing Depth/ Grey Scale: 14~16 bit or better Material: Aluminum Alloy Cabinet with Highly Modular and Indigenized Indian Design. Must be able to handle dust etc. as per Indian Environment. There should be automatic 6-Axis Alignment Mechanism with Front or Rear Maintenance cabinet. The Connectors should be floating with Chimeric Correction to Allow position tolerance, Resistant to torsion and shock Operating Temperature: 0 degree C to 40 degree C Minimum, Operating Humidity: 10-90%RH Acoustic Noise: Should have Fanless operation Video Frame Rate: 50/60Hz, Refresh Rate: ≥ 3840 Hz Required installation mechanism: Easy Maintenance, selflocking mechanism for easy & fast installation, Automatic Alignment Mechanism must be there Input Voltage: 100-240V AC Input Power Frequency: 50-60Hz Power Consumption (max; avg)/square m: Max - 600W, Average - 200W LED Life Time:≥100,000 Hours or More Rigging Form: Hanging/Fixed Data Interconnection: CAT5/ CAT6 Cable (L≤100m); Multi-mode fiber (L≤300m)	Video Wall Size	Approximate size 96 Inches (H) X 192 Inches (W)
				Environment	Indoor
				Maintenance	Front
				Pixel Pitch	Minimum 1.88 mm
				LED Type	3-in-1 Black SMD or better
					1 Red, 1 Green, 1 Blue
				Ingress Protection	IP 20 or better
				Module Composition (WxH)	4x1 Prefered for uniform viewing and heat dissipation
				Drive Mode	Constant Current Drive
				Brightness	Mimnimum500 nit or more
				Brightness Uniformity	≥97 % or better
				Brightness Control	Manual or Automatic Brightness Control
				Contrast Ratio	5000:1 or above
				Color Temperature	3000-10000 K
				Viewing Angle	160x140 or better
				Viewing Distance	≥1.25 m or better
				Chromaticity Uniformity	±0.003 Cx, Cy or better
				Pixel Density	270000 Pix / Sq-Mtr or above
				Pixels Per Panel (W x H)	320 x 180 Pixels or better
				LED Luminance Center	≤3% or better
				Flat Surface	≤0.3 mm or better
				High Dynamic Range	Must be Supported. Must be HDR Ready
				Data Processing Depth/ Grey Scale	14~16 bit or better
				Material	Aluminium Alloy Cabinet with Highly Modular and Indigenized Indian Design. Must be able to handle dust etc as per Indian Environment. There should be automatic 6-Axis Alignment Mechanism with Front or Rear Maintenance cabinet. The Connectors should be floating with Chimeric Correction to Allow position tolerance, Resistant to torsion and shock
				Operating Temperature	0 degree C to 40 degree C Minimum
				Operating Humidity	Minimum Operating 10 to 80%

1				Acoustic Noise	Should have Fanless operation
				Video Frame Rate	50/60Hz
				Refresh Rate	≥3000 or better
				Required installation mechanism	Easy Maintenance, self-locking mechanism for easy & fast installation, Automatic Alignment Mechanism must be there
				Input Voltage	100-240V AC
				Input Power Frequency	50-60Hz
				Power Consumption (max; avg)/square m	Max 700 W/m2, Average 250 W/m2
				Special Features	Power Factor Correction
				LED Life Time	≥100,000 Hours or More
				Rigging Form	Hanging/Fixed
				Data Interconnection	CAT5/ CAT6 Cable (L≤100m); Multi-mode fiber (L≤300m)
				Gap Between Modules	Seamless, zero bezel width
				Module Size (mm)(WxH)	150 mm x 337.5 mm or better
				LED Wall Controller	Minimum Input With 1 Audio and 1 DVI
					Minimum Output 2x LED Outputs over Ethernet.
					Minimum Control - 1x USB, 1x URT in , 1x URT out
					Low power consumption (Max 16 W)
					1x 4 pin Light Sensor Interface
					Overall power consumption 16W or less
					Working Temperature 0 Degree C ~ 40 degree C or better
					Working Humidity 10%~80%
				LED wall Size (mm)(WxH)	Diagonal Size 163" inches or above, Per PANEL SIZE minimum 55 inches
				Aspec Ratio	(16: 9)
				Clearance required at the back	Front access screen - 150mm Maximum
					Back Access Screen- 600mm Maximum
				Required LED Wall resolution	Horizontal(Pixel): 3209 ; Vertical (Pixel): 902 Minimum
				Certifications	BIS, CE, RoHS, FCC
				Status Indicators	Status indicators and button should be in the main frame of the cabinet structure so as they can be accessed from both front and back.

2		Video controller, Multi viewer, HDMI Splitters and Switchers for input out controls, Drive, signal amplification etc required for completing the set up	Video controller, Multi viewer, HDMI Splitters and Switchers for input out controls, Drive, signal amplification etc., required for completing the set up	Input Port	8 x HDMI or more
				Output Port	4 x HDMI or more
				Color depth	32 Bit or Better
				Native Resolution	1920 x 1080 or higher
				Networking	1 x Gigabit Ethernet
				Scalability	The input and output can be increased as per user's demand.
				Format Supported	SD(PAL/NTSC/SECAM), FULL HD(1080p)
				Design	Industrial Casing, Rack Mountable
				Cable & Connectors	All necessary Cables & Connectors to be provided
				Software	Multi display system Management software, capable of displaying multiple inputs simultaneously on Display system. Capable of display system as single logical screen, capable of resizing & re- locating multiple input displays on the Multi display system
3		Table with drawer and socket and Glass separator. Provision of Pull up Connections/System with HDMI, LAN Socket and Power socket to be given	Approximate table height 750mm, Length 1200mm, Depth 600mm. Table Top should be Approximate 25mm Pre laminated Engineered wood with 1.5mm or more Machine Edge banding. Drawer 18 mm Pre laminated Engineered wood Modesty Panel should be provided The table should be with minimum 4 buffers at the base. Electrical cabling from nearest wall socket to the user tables as per the site requirement, to be done by the vendor free of charge. Tables should preferably be made/assembled on-site, as per the site requirements. Provision of Drawers/Keyboard slide out etc. to be done Material of the Tables should be sturdy and long lasting – Board/Plywood with Mica pasted on top and sides or Pre laminated Engineered wood or Other long-lasting material. Minimum warranty of tables should be one year Glass separators to be provided on the table as per User design. The glass used should be minimum 5 mm thick. The separator should allow visibility as well as privacy.	Removed	
4		Revolving Chairs with Arm	REVOLVING CHAIR with ARM (Push back type, with Arms and with ergonomically suitable design for long sitting)	Removed	

2. 3.3 CAPEX: Item Wise Details without Tax (All other items remain unchange in the Price Bid Format except items given below)

Sl no	Clause	Existing Quantity		Revise Quantity
		Component	Quantity	Quantity
1		Video wall (Active LED) with Approximate size 20 ft X 6 ft along with Software to use the same	1 Lot	No Change and shall be asper the revised corringendum
2	3.3 CAPEX: Item Wise Details without Tax . Pg 110	Video controller, Multi viewer, HDMI Splitters and Switchers for input out controls, Drive, signal amplification etc required for completing the set up	1 set	No Change and shall be asper the revised corringendum
3		Video controller, Multi viewer, HDMI Splitters and Switchers for input out controls, Drive, signal amplification etc required for completing the set up	15 nos	Removed
4		Revolving Chairs with Arm	15 nos	Removed

(Swapnil Tembe, IAS)
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