

Amendment no. 5

Sub: Technical Specification Amendment for the tender of Mother & Child Block -AIIMS , New Delhi-110029.

Ref.: GeM Bid No GEM/2022/B/2581411 Dated: 27-09-2022 for item 'Pixel/ active LED Video wall with VC and audio conferencing solution (Qty: 01 no.)'

The following changes are being incorporated in the above referred GeM Bid Number only.

Sr. No	Buyer Specification Document PARA AND PAGE	TENDER SPECIFICATION	READ AS
1	Para Page 1	Approved Makes: Barco/LG/NEC/Hsys	Approved Makes: Barco/LG/NEC/Hsys/Sony/ Falcon
2	Para (A) Video Wall Display & Cabinet Point 4, page 01	Cabinet Depth Size: Less than 50 mm	Cabinet Depth Size: Less than 50 mm ±5%
3	Para (A) Video Wall Display & Cabinet Point 5, page 01	LED Panel OR Cabinet Size: Min 600mm x 300mm	LED Panel OR Cabinet Size: Min 600mm x 300mm ±5% variation
4	Para (A) Video Wall Display & Cabinet Point 34, page 02	Certifications (Bidder to provide proof of certifications): Video wall should have all safety certificates : Minimum CE/EMC, FCC, NRTL/UL/TUV, BIS, CB	Certifications: General safety certificates : IEC 60601-1/ CE/ BIS.
5	Para (A) Video Wall Display & Cabinet Point 41, page 02	Warranty & Operation Compatibility: On-Site warranty of installed devices is for 3 years from the date of installation. To avoid any compatibility mismatch and long-term warranty support for 3 years LED Video Wall, LED Video Wall Mount, LED Manager, LED Controller and Software should be from same OEM CMC- maintenance for 3 years	Warranty & Operation Compatibility: On-Site warranty of installed devices is for 5 years from the date of installation. To avoid any compatibility mismatch and long-term warranty support for 5 years LED Video Wall, LED Video Wall Mount, LED Manager, LED Controller and Software should be from same OEM
6	Para (B) OEM Video Wall Controllers Point 09, page 03	Certifications of Controller: Minimum certifications : BIS, CB, FCC	Certifications: General safety certificates : IEC 60601-1/ CE/ BIS.

7	Para 2 (75" Interactive Touch Display) Point 31, Page 5	Approved Brands: Dell/LG/Microsoft/ Promethean	Reputed makes
8	Para 3,Point 36 (STANDARD(CERTIFICATION)), Pg 6	Safety: UL,BIS	Certifications: General safety certificates : IEC 60601-1/ CE/ BIS.
9	Para 3,Point 37 (STANDARD(CERTIFICATION)), Pg 6	EMC: FCC Class "A"	Deleted
10	Para 3,Point 37 (STANDARD(CERTIFICATION)), Pg 6	OEM Warranty: 3 Years	OEM Warranty: 5 Years
11	Para 3,Point 38 (STANDARD(CERTIFICATION)), Pg 6	Approved Brands: Sony/LG/ Sharp	Reputed makes
12	Para 4, Point 36, Page 7	Safety: UL,BIS	Certifications: General safety certificates : IEC 60601-1/ CE/ BIS.
13	Para 4, Point 37, Page 7	EMC: FCC Class "A"	Deleted
14	Para 4, Point 38, Page 7	OEM Warranty: 3 Years	OEM Warranty: 5 Years
15	Para 5 Point 26, Page 10	Certificates: CE- EN55032:2015	Deleted
16	Para 6 Page 10	(a) PTZ Camera & Video Conferencing PTZ Camera (10 X Optical Zoom) – 1 Unit (Approved Brand: (Sony/ATDSC/Vaddio)	(a) PTZ Camera & Video Conferencing PTZ Camera (10 X Optical Zoom) – 1 Unit
17	Para 6 Page 10	Viewing Angle: 3.3° (tele) ,-54.7° Wide	Viewing Angle: 3.3° (tele) ,-54.7° Wide ±5% variation
18	Para 6 Page 10	Pan Control Speed: 0.1~60°/second	Pan Control Speed: 0.1~60°/second ±5% variation
19	Para 6 Page 10	Tilt Control Speed: 0.1~30°/second	Tilt Control Speed: 0.1~30°/second ±5% variation
20	Para 6 Page 11	(b) PTZ Camera (20 X Optical Zoom) - 2 Unit (Approved Brand: (Sony/ATDSC/Vaddio)	(b) PTZ Camera (20 X Optical Zoom) - 2 Unit
21	Para 6 (b) Page 11	Iris: f=4.7~47mm ; F1.6 ~ F3.0	Iris: f=4.7~47mm ; F1.6 ~ F3.0 ±5% variation
22	Para 6 (b) Page 11	Viewing Angle:6.43° (tele) –60.9° Wide	Viewing Angle:6.43° (tele) –60.9° Wide ±5% variation
23	Para 6 (b) Page 11	Tilt Control Speed: 0.1~30°/second	Tilt Control Speed: 0.1~30°/second ±5% variation
24	Para 8 Page 15	Audio System (Approved Brand : ATDSC/YAMAHA/ Equipson) Audio Speakers- 6 Units	Audio System(Reputed brand) Audio Speakers- 6 Units

25	Para 8(II) Page 16	Mixer-1 Unit (Approved Brand : ATDSC/YAMAHA/ Equipson)	Mixer-1 Unit	
26	Para 8(III) Page 16	Digital Signal Processor-1 Unit (Approved Make: Work/DANACOID/Cle arone)	Digital Signal Processor-1 Unit	
27	Para 8(IV) Page 17	Lapel Microphone- 2 Sets Approved Makes: (ATDSC/ClockAudio/E quipson)	Lapel Microphone- 2 Sets	
28	Para 8 (Vi) Page 18	Supply, Installation, Testing and Commissioning of Rack : 12U rack or Higher	Supply, Installation, Testing and Commissioning of Rack : 24 rack or higher	
29	NA	Added Para	Should be supplied 10KVA UPS with 30 min back up	
30	NA	Added Para	We recommend 1 MCCB of 120 AMP and minimum 10 MCBs 32 AMP and Power Distribution box	
31	NA	Added Para	PTZ camera for seminar hall, conference room and OT	
32	NA	Added Para	rooms are fully air conditioned	
33	NA	Added Para	one ultra short throw projector with projector screen- 1No	
34		Added Para	Item	Specification of Ultrashort Projector and screen
			Light source	3 LED (RGB) with 30,000 hours Life
			Projection Type	Ultra Short Throw
			Throw Ratio	0.29
			Brightness	1000 lumens
			Projection size	100" Diagonal without losing picture quality / pixilation
			Nsative Resolution	1980 X 1080 (Full HD resolution)
			Projection Technology	DLP
			Weight	1.5KG
			Connectivity Required -USB port	2* USB ports with facility to open MS Windows files directly & play all standard Video formats
			Connectivity Required -HDMI Port	HDMI -Connect with Laptops,computers & Set Top box
			Wireless Connectivity	Support Miracast/ Wireless Screen share/Smart View
			Aspect Ratio	4:3 & 16:9 selectable
			Audion out - wired & Wireless	Audio out facility wired (3.5mm & Optical) as well as Bluetooth audio out
			Inbuilt speaker	Stereo speakers (min 3W + 3W stereo)
			Remote	Support all function ,Input,Menu,Volume, Pause,Play ,FF etc,On/Off ,return,
			Warranty	5 Years warranty
			Projector Screen	8X10 Feet Motorized projector screen with fine fabric for clear projection effect
35	NA	Added Para	75 inch 4 K display	
		Sr. No	Features	Specifications

		1	Display Size	75 inches or above
		2	Panel Technology	IPS(Inplane Switching)
		3	Native Resolution	3840 x 2160 (UHD)
		4	Brightness	Minimum 500cd/m2 or above
		5	Contrast Ratio	Minimum 1100:1
		6	Dynamic CR	350,000:1
		7	Viewing Angle(H x V)	178 x 178
		8	Response Time	8 ms or less
		9	Orientation	Landscape & vertical
		10	Surface Treatment	Hard coating(3H), Anti-glare treatment
		11	Operation Hours compatibility	24 X7 Hr grade or Higher
			Connectivity	
			Input Ports	
		12	Digital	HDMI- 3 or more, DP-1, DVI-D-1
		13	Audio In	Required
		14	Control ports	RS232C IN, RJ45-1 (for Network)
		15	USB	USB 2.0 or better,
			Output	
		16	Audio Out	Required
		17	Digital	DP-1
			Physical Specification	
		18	Bezel Width	Narrow
			SPECIAL FEATURES	
		19	Wi-Fi connectivity	Built in
		20	Wireless Access Point	SOFTAP/HOT Spot
		21	Multi Screen Mode	(4 PBP) & PIP inbuilt /Integrated with external device of Same OEM
		22	Memory	8 GB built in or high
		23	Processor (SOC)	Quadcore or Higher with 2GB RAM or Higher
		24	Built in OS	Windows10/ Webos
		25	SNMP support	Required
		26	Web Link	Required
		27	Wake on LAN	Required
		28	Fail over	USB, DP, DVI, HDMI, Internal Memory
		29	Media share	Mirroring/Miracast to for screen share
			Environment Conditions	
		30	Operation Temperature	0 °C to 40 °C or lower
		31	Operation Humidity	10 % to 80 % or better
			POWER	
		32	Power Supply	100-240V~, 50/60Hz
		33	Power Type	Built-In Power
			Power Consumption	
		34	Typ.	260 W or Less
		35	Speakers	20W(10W x 2)
			STANDARD(CERTIFICATION)	
		36	Safety	UL/BIS/ CE/IEC 60601-1

		37	EMC	Not needed
		38	OEM Warranty	5 Years
		38	Approved Brands	Sony/LG/ Sharp/any reputed make
36	Para 2 (75" Interactive Touch Display-1 Unit), Point 27, page 2	Product Quality Certifications: BIS	Certifications: General safety certificates : IEC 60601-1/ CE/ BIS.	
37	Para 2 (75" Interactive Touch Display-1 Unit), Point 28, page 2	India Certificates/Approvals: ISO9001, ISO14001,ISO45001	Deleted	
38	Para Bidder scope of work, Point 3, page 18	3) Warranty 3 years on all Items and CMC 3 years	Deleted	

Important Note:

1. Prospective Bidders are advised to check the GeM Portal regularly prior to the closing date and time of online submission of bid.
2. The Bid Security/EMD shall be valid for 110 days from Techno – Commercial Tender opening date. The techno-commercial tender opening date shall be considered as mentioned in bid document read with it's amendment(s), if any.
3. In reference to the extension of bid opening date as mention on GeM portal, Participating bidders, who are submitting their Bid security/EMD in the form of Bank Guarantee (BG) or FDR are instructed to extend the validity of their BG/FDR accordingly, i.e. required validity of EMD is to be kept in line with the extended bid opening date.
4. Traders/resellers/distributors/authorized agents will not be considered for availing benefits under PP Policy 2012 for MSEs as per MSE guidelines issued by MoMSME
5. Bidders shall ensure that their tender(s), complete in all respects, are submitted online through **GeM portal only**.