

MANAGEMENT DEVELOPMENT INSTITUTE, GURGAON

Date: March 28 ,2019

Addendum -1: Tender for Audio Visual, Video Wall, Video conferencing System for Auditorium

Please find below the clarification in the form of addendum to the Tender post pre bid meeting held on March 27, 2019 at MDI, Gurgaon:

S.No.	Page No./ Sr.No.	Existing Description	Revised Description
1.	Page No. 3/ S.No. 8	OEM Authorization certificate	Attach OEM Authorization certificates (For Items S. No. 1 to S. No. 7, 18 in Annexure -I at Pg 13 to Pg 17)
2.	Page No. 3/ S.No. 9	The Bidder must ISO 9001:2015. Attach copies of valid certificates	The Bidder with ISO 9001:2015 preferred Attach copies of valid certificates, if any. <i>Clarification: This certification is optional</i>
3.	Page 7 / S.No. 1A	Annual Turnover of each year for last 3 years more than 6.0 Crores.	Annual Turnover of each year for last 3 years more than 2.0 Crores.
4.	Page 7 / S.No. 4	The Bidder must be ISO 9001:2015. Attach copies of valid certificates	The Bidder with ISO 9001:2015 preferred Attach copies of valid certificates, if any. <i>Clarification: This certification is optional</i>
5.	Page 9 Bid Rejection Criteria	Company Turnover less than Rs 6.0 Crores in any of the last three financial years	Company Turnover less than Rs 2.0 Crores in any of the last three financial years
6.	Page 9 Bid Rejection Criteria	Not having valid ISO & other certifications indicated	Deleted
7.	Page 10 Bid Rejection Criteria	The bidder should have a minimum average annual turnover of at least Rs.6 crores during the last three financial years 2015-16, 2016-17, 2017-18. The turn over shall be supported by documentary evidences duly certified by Chartered Accountant which	The bidder should have a minimum average annual turnover of at least Rs.2.0 crores during the last three financial years 2015-16, 2016-17, 2017-18. The turn over shall be supported by documentary evidences duly certified by Chartered Accountant which

		shall be attached with the tender documents.	shall be attached with the tender documents.
8.	Page 10/ S.No. 1 Parameters for Technical Evaluation	No. Smart Classroom Projects Executed (including all equipment as per specifications in Annexure I & II) supplied & Installed in any Institute/ University Total Score: 40	No. Audio Visual, Video Wall, Video conferencing System Projects Executed (including all equipment as per specifications in Annexure I & II) supplied & Installed in any Institute/ University/Govt. /PSU/ Corporate Total Score: 40
9.	Page 10/ S.No. 2 Parameters for Technical Evaluation	POC arranged to Similar Smart Class Setup done at own site/ client site in Delhi NCR Total: 20	POC arranged to Similar Audio Visual, Video Wall, Video conferencing System Setup done at own site/ client site in Delhi NCR Total Score: 20
10.	Page 13/ S.No.1	2X2 Video Wall – 4 Nos of 55” SITC of 55” 2x2 video wall along with Hardware & software Solution Bezel to Bezel width Less than 2mm Panel S-IPS / D-LED Brightness 500 nits or better Aspect Ratio 16:09 Resolution 1920*1080 (Full HD) Viewing Angle(H/V) 178/178 Video Input 1 nos. HDMI, 1 No. DVI-D, 1 No. Display Port HDCP H 2.2 Ethernet ports Minimum 1 No External control RS232/RJ45 Power supply AC 100 - 240 V~ (+/- 10 %), 50/60 Hz Mount type Push pull type, Corner correction, VESA compatibility. Mount type to be supplied along with the panel Operating Humidity 20% to 80% Operating Temperature 0 - 40°C / 32 -104°F Features 24x7 Operation, Energy star certified, Auto Source Switching & Recovery Make : (Philips/LG/Samsung /Barco)	2X2 Video Wall – 4 Nos of 55” SITC of 55” 2x2 video wall along with Hardware & software Solution Bezel to Bezel width Less than 2mm Panel S-IPS / D-LED Brightness 500 nits or better Aspect Ratio 16:09 Resolution 4K Ultra HD LED, Viewing Angle(H/V) 178/178 Video Input 1 nos. HDMI, 1 No. DVI-D, 1 No. Display Port HDCP H 2.2 Ethernet ports Minimum 1 No External control RS232/RJ45 Power supply AC 100 - 240 V~ (+/- 10 %), 50/60 Hz Mount type Push pull type, Corner correction, VESA compatibility. Mount type to be supplied along with the panel Operating Humidity 20% to 80% Operating Temperature 0 - 40°C / 32 -104°F Features 24x7 Operation, Energy star certified, Auto Source Switching & Recovery Make : (Philips/LG/Samsung/ Barco/ Panasonic/Sharp)

11.	Page 13-14/ S.No. 3	<p>HD Video Conferencing System– 1 No. SITC of High Definition Video Conferencing System with capability of Cloud based service. System must have codec supporting Full HD at 60 fps. Capable of doing H.264, H.323 calls and SIP calls. Multi party licenses of minimum 1+5 users with bundled Full HD Camera of min. configuration having wide angle zoom lens with 10X Optical Zoom, Auto focus and minimum 10 presets, 1 nos. of codec, 1nos. of microphone , 5-Site connection .The system should be capable of supporting 2 or more displays, configurable with other 2 Nos. of 3rd party tracking camera full HD 1080p, 20X optical zoom for purpose of live streaming and recording both. Make : (Polycom /Cisco/LifeSize/Panasonic)</p>	<p>HD Video Conferencing System–1 No. SITC of High Definition Video Conferencing System with capability of Cloud based service. System must have codec supporting Full HD at 60 fps. Capable of doing H.264, H.323 calls and SIP calls. Multi party licenses of minimum 1+5 users with bundled Full HD Camera of min. configuration having wide angle zoom lens with 10X Optical Zoom, Auto focus and minimum 10 presets, 1 nos. of codec, 1 nos. of microphone , 5-Site connection .The system should be capable of supporting 2 or more displays, configurable with other 2 Nos. of 3rd party tracking camera full HD 1080p, 20X optical zoom for purpose of live streaming and recording both. Make : (Polycom /Cisco/LifeSize/Panasonic/Avaya)</p>
12.	Page 14/ S.No. 5	<p>Full HD 1080p PTZ Camera- 2 Nos. 2 Way passive loud speakers; elements; 6.5” woofer + 1” TWT suitable for low impedance and constant voltage line, wall mount bracket with fast mounting system enabling pan and tilt; Dispersion (HXV):1200 X 900 ; , Power Handling 60 W RMS(8 Ohm) (with overload protection)/ 200 w Peak. Sensitivity 92 dB (1W/1m). Max SPL: 109 dB(1m); Frequency Response: 80 Hz – 20 Hz. With Standard Ceiling mount kit for Camera Make : (Lumens/Panasonic/</p>	<p>Full HD 1080p PTZ Camera- 2 Nos. SITC of Full HD 1080p, 20X Optical Zoom, 128 Presets, 60 Frames per Second, Ethernet Out, HDMI Out, 3G SDI Out, Audio In Mic/line, RS232/422 Controls, -170° ~ +170° Panning angle, -30° ~ +90° Tilting angle. Make : (Lumens/Panasonic/ AXIS/ Bosch)</p>

		AXIS/ Bosh)	
13.	Page 15/ S.No. 9	HDMI Tx – 3 Nos. SITC of Twisted pair transmitter for HDMI, Display Port, control, and analog audio up to 70meters over a shielded CATx cable Make : (Extron/ Crestron/ Kramer)	HDMI Tx – 4* Nos. SITC of Twisted pair transmitter for HDMI, Display Port, control, and analog audio up to 70meters over a shielded CATx cable Make : (Extron/ Crestron/ Kramer) *As per Actual
14.	Page 16/ S.No. 10	HDMI Rx – 3 Nos. SITC of Twisted pair Receiver for HDMI plus control and analog audio up to 70 meters over a shielded CATx cable Make : (Extron / Crestron/Kramer)	HDMI Rx – 4* Nos. SITC of Twisted pair Receiver for HDMI plus control and analog audio up to 70 meters over a shielded CATx cable Make : (Extron / Crestron/Kramer) *As Per Actual
15.	Page 17/ S.No. 14	Cat 6 Cables for Microphone system –6 Nos.Cat 6 cables 2 x 20 meters, 5 x 1.8 / 2 meter As per Actual Make : AMP/R&M/Systimax	Cat 6 Cables for Microphone system –6 Nos.Cat 6 cables 2 x 20 meters, 5 x 1.8 / 2 meter As per Actual Make : AMP/R&M/Systimax/Extron
16.	Page 17/ S.No. 15	Wall Mount Speaker – 6 Nos. SITC of Type: Two-way passive loudspeaker. Elements: 6.1/2" woofer + 1" compression driver. Power handling (low impedance): 160 W (8 ohm). Sensitivity: 86 dB (1 W @ 1 m). Max SPL: 105 dB. Frequency response: 68 Hz - 18 kHz. Dispersion (HxV): 90° x 60°.Material (housing): Plywood. Material (grille)Metal. Make : (Tannoy/Work Pro/Renkus-Heinz)	Wall Mount Speaker – 6 Nos. SITC of Type: Two-way passive loudspeaker. Elements: 6.1/2" woofer + 1" compression driver. Power handling (low impedance): 160 W (8 ohm). Sensitivity: 86 dB (1 W @ 1 m). Max SPL: 105 dB. Frequency response: 68 Hz - 18 kHz. Dispersion (HxV): 90° x 60°.Material (housing): Plywood. Material (grille)Metal. Make : (Work Pro/Renkus-Heinz/JBL)
17.	Page 17/ S.No. 17	10 meter USB Cable – 1 No. 10 Meter USB cable with Booster Make : (xtron/Aten/Kramer)	10 meter USB Cable – 1 No. 10 Meter USB cable with Booster Make : (Extron/Aten/Kramer/Crestron)
18.	Page 17/	86" LED TV Display for the rear	84-86" LED TV Display for the rear

	S.No. 18	with its installation & Connection with the camera, VC, Presentation etc Make:(LG/Samsung/Panasonic)	with its installation (Robust Ceiling Mount) & Connection with the camera, VC, Presentation etc Make:(LG/Samsung/Panasonic)
19.	Page 17/ S.No. 19	SITC of approved makes of cables (Mike Cable, Speaker Cable, Power Cable, Control Cable , Connector, HDMI Patch Cords, conduits, batons/ any other material incidental to installation) etc.	SITC of approved makes of cables (Mike Cable, Speaker Cable, Power Cable, Control Cable , Connector, HDMI Patch Cords, conduits, batons/ any other material incidental to installation) etc. Make : Extron/Kramer/Aten/Crestron
20.	Page 17/ S.No. 20	3 Years Warranty and onsite support for all the above items	3 Years Comprehensive Onsite Warranty from OEM and onsite support from Vendor for all the above items <i>*Clarification: Onsite Engineer is required for three months' post installation and commissioning. User Training to be imparted to all users</i>
21.	Page 18	The period of onsite comprehensive support of Three year will Commence from the date of successful commissioning & functioning of the Smart Classroom.	The period of onsite comprehensive support of Three year will Commence from the date of successful commissioning & functioning of the Audio Visual, Video Wall, Video conferencing System in Auditorium.
22.	New Requirement	Buy-Back of Old Video Conferencing Equipment as is where is basis	Polycom 7800s Presenter MP: Incl VSX 7000s (Year of Procurement: 2006)
23.	Page 13-14/ S.No. 3 A	New Requirement Under S.No. 3	Mobile License for Item no. 1 (License can be use for Mobile, Laptop etc.) <i>Clarification: No. of Licenses should be such that it enables 1+5 users VC allowing 5 mobile users to connect to VC concurrently.</i>
23.	Page 19-20	Financial Bid Format	Refer Revised Financial Bid Format given below

**Note : Buy back of old equipments as is where is basis is mandatory .
The highest quoted price of Buy-back equipments will be taken.**

Financial Bid

Sealed Quotation for renovation of Audio Visual system in Auditorium

Sr. No.	Description of Item & Specification as per Annexure I	Qty. in Units	Unit Price in Rs.	GST (%)	Total Price excluding GST in Rs.	Total Price including GST in Rs.
1.	2X2 Video Wall (55"each)	4				
2.	Digital Podium	1				
3.	HD Video Conferencing System	1				
3A.	Mobile License for Item no. 3 (License can be use for Mobile, Laptop etc.)	1				
4.	FHD-1080p Recording & Streaming Hardware	1				
5.	Full HD 1080p PTZ Camera. With Standard Ceiling mount kit for Camera	2				
6.	8x4 Scaling Presentation HDMI Matrix Switcher	1				
7.	7" Wall Mount Touchlink Pro Touch panel	1				
8.	Wall mount kit for Touch Panel	1				
9.	HDMI Tx	4				
10.	HDMI Rx	4				
11.	Microphone Controller	1				
12.	Table Top Main Unit	1				
13.	Table Top Secondary Unit	3				
14.	Cat 6 Cables for Microphone system As per Actual	6				
15.	Wall Mount Speaker	6				
16.	Amplifier	1				
17.	10 meter USB Cable	1				
18.	84-86" LED TV Display with ceiling mount	1				
19.	Cables, Connectors and Accessories	---				
20.	Installation, Testing, Commissioning, Training	---				
21.	3 Years Comprehensive Onsite Warranty from	---				

	OEM and onsite support from Vendor for all the above items					
21A	Onsite Engineer requirement for three months' post installation and commissioning	---				

Buy-Back of Old Video Conferencing Equipment as is where is basis:

S.No.	Description	Qty.	Unit Price	Amount in INR
1	Polycom 7800s Presenter MP: Incl VSX 7000s, 1 microphone array, Visual concert VSX, people+ content IP, 4-way MP Plus English Remote. As is where is basis.	1		
	Total			

**Please specify the tax rate applicable on buyback

Note :Buy back of old VC equipments, as is where is basis is mandatory .

The highest quoted price of Buy-back equipments will be taken.

- Delivery Mode: Delivery at MDI Gurgaon, at site only
- Total bid price should be inclusive of all taxes and levies, transport, loading, unloading etc.
- Warranty and Support: 3 Year Onsite.
- Delivery Period:days/weeks.
- Installation Period:.....days/weeks.
- Quotation Validity Date: - 4 months from the last date of Submission of quotation/tender.

Sign of bidder:- _____

Name of bidder:- _____

Firm's Name: _____

Date: