		Annexure-'C'				=	
	Sched	lule of Quantities I-Estimate				- -	
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Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
ı	Supply, Installation,Testing and Commissioning(SITC) Works					- -	
A - Audio	System						
A-1	SITC of Wireless Microphone Unit						
A-1.1	Configurable wireless microphone unit(Base Unit) with Gooseneck Mic.						
A-1.2	Base unit can be configured to work as either Chairman or Delegate unit.						
A-1.3	The Gooseneck Mic should be detachable from the base unit						
	The Base unit should have Min. 5.2" or better touch screen integrated with light sensor for automatic brightness adjustment and anti fingerprint coating						
A-1.5	The Gooseneck Mic should be of Min. 480mm or better						
A-1.6	Mic Polar Pattern: Cardoid or better		Nos.	25			
A-1.7	Should have multifunctional button/ buttons for functionalities like start / stop recording, meeting state control, agenda control etc	Televic or Bosch or Shure					
A-1.8	Should support standard WiFi5 or better						
A-1.9	Should support minimum WPA2 enterprise encryption.						
A-1.10	Microphone should be easy to mount and locked nce connected with the base unit.						
A-1.11	Should have option to power the units via power adapter. Power adatper to be provided with the unit						
A-1.12	Should include hot swappable 01 x rechargable battery and 01 x additonal rechargable battery with long hours backup of 12hrs or better.						
	Should be certified with BIS/UL/ETL/CB/IEC0950/CE/EMC/FCC. Should be of the same OEM as that of line item #A-4						
7-1.14	Ground 50 of the Same Oblivias that of the Roll #74 7					<u> </u>	
A-2	SITC of Digital Microphone Unit						
A-2.1	Should be a combination of Base Unit and Gooseneck Mic		1				
A-2.2	Base unit can be configured to work as either Chairman or Delegate unit.						
A-2.3	The Gooseneck Mic should be detachable from the base unit						
A-2.4	The Base unit should have 5" or better capactive touch screen.						
A-2.5	The Gooseneck Mic should be of Min. 480mm or better						
A-2.6	Mic Polar Pattern: Cardoid or better						

Item No.	Item Description Should have multifunctional button/ buttons for functionalities like start /	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total GST %
A-2.7	stop recording, meeting state control, agenda control etc The Mic should have configurable Red or Green LED indicator as per	Televic or Bosch or Audio Technica	Nos.	90		
A-2.8	requirement.					
A-2.9	The Base unit should contain atleast One Mic button and Mic Connection to connect the Gooseneck Mic along with this one priority button should be there to override the delegate units					
A-2.10	The base unit should connect with Main control unit over RJ45 connection and also have a loop out to connect with another base unit.					
A-2.11	Should be certified with BIS/UL/ETL/CB/IEC0950/CE/EMC/FCC.					
A-2.12	Should be of the same OEM as that of line item #A-3					
A-2.13	The color & finish of the base unit shall be decided at the time of ordering as per the instruction of Engineer in charge					
A-3	SITC of Digital Control unit Type A					
A - 3.1	Master control unit to manage the delegate and chairman units.					
A - 3.2	Should supports modes like Direct Speak, Request and Operator which can be configured as required					
A - 3.3	The unit must have min. 3 or more LAN ports to connect with line item #A-2					
A - 3.4	Should be Dante Enabled to communicate with line item #A-5	Televic or Bosch or Audio Technica	No.	6		
A - 3.5	Should be able to power all the device mentioned in line item #A-2, additional hardware to be considered if required	relevie of Bosell of Addio reclinica				
A - 3.6	Should be able to power all the device mentioned in line item #A-2					
A - 3.7	Should be Rack Mountable					
A - 3.8	Communication & Control port: Ethernet/RS232					
A - 3.9	Should be of the same OEM as that of line item #A-2					
A-4	SITC of Digital Control Unit Type B					
A-4.1	Should support standard WiFi5, IEEE802.11ac. or better					
A-4.2	Should support upto 50 or more wireless devices.					
A-4.3	Should have minimum range of 40 m or better.					
A-4.4	Should include browser based configuration and monitoring software.					

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total GST %
	Should be intelligent enough to automatcally mitigate multipath effect resulting in robust wireless link with the base unit					
A-4.5	Should have latency of less than 16 ms or better.					
A-4.6	Audio: 48 kHz / 24 bit or better	Televic or Bosch or Shure	Nos.	1		
A-4.7	Should have Frequency response of 20 Hz - 20 kHz or better					
A-4.8	Should have THD < 0.02 % or better					
A-4.9	Should have signal to noise ratio > 95 dBA or better					
A-4.10	Should be Dante Enabled to communicate with line item #A-5					
A-4.11	Should be included wih charging dock to charge the wireless Microphones					
A-4.12	Should have 10 or more battery slots for charging with real time LED indications.					
A-4.13	Quantity of charging dock should be good enough to charge all the units at the same time					
	Should include power supply unit and necessary mounting accessories.					
	Should be certified with BIS/UL/ETL/CB/IEC0950/CE/EMC/FCC.					
A-4.16	Should be of the same OEM as that of line item #A-1					
A-5	SITC of Digital Signal Processor					
A - 5.1	Rack mountable and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools					
A - 5.2	Audio DSP should support each microphone for the number of AEC inputs					
A - 5.3	Audio DSP should have minimum (12) independent software/hardware AEC (Acoustic Echo cancellation) inputs					
A - 5.4	Audio DSP should have minimum (06) Analog Inputs and (04) Analog outputs		No.	7		
A - 5.5	Audio DSP should support 32 x 32 Dante channels	QSC or Xilica or Biamp				
A - 5.6	All microphone inputs including ones coming over Dante should have AEC					
A - 5.7	Audio DSP should support both input & output channels for routing USB audio					
A - 5.8	Communication & Control port: Ethernet/RS232					
A - 5.9	FCC & RoHS compliant					
A - 5.10	Should support DANTE/AVB/Proprietary bus link for communication specified in item #A-3, A-4, A-6, A-7					
A-6	SITC of Network Power Amplifier					

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
A-6.1	Should be DANTE digital network power amplifier						
A-6.2	Total Number of channels: 4 channels	Bose PS404D or QSC CX-Q 2K4 or Biamp	Nos.	18			
A-6.3	Power @ 4/8 ohms : minimum 100W per channel	Community ALC-404D					
A-6.4	THD: <0.05%	Community ALC-404D					
A-6.5	SNR (A-weighted) : > 100dB						
A-6.6	Should support DANTE for communication specified in item #A-4,A-5						
A-7	SITC of Powered Column Speakers						
	Type: Full Range or 2-way or 3 way Powered digital Steerable coloum						
A-7.1	Speaker						
A-7.2	Column speaker should have Analogue input and AES/EBU or Dante						
A-7.3	Should have minimum 12 Drivers or more; Size of each Driver: Min. 2" or better		Nos.	12			
A-7.4	Minimum Efficiency/ Sensitivity : 94 dB SPL or better	Bose MSA12X or Fohhn Audio - Focus Slim					
A-7.5	Frequency Response (-10dB): 130 Hz - 17 KHz or better	150 or Renkus Heinz					
A-7.6	Nominal Dispersion: not more than 180 degrees conical (Horizontal) and between 10 to 40 degree (Vertical)						
A-7.7	OEM approved wall mount mechanism for loudspeaker installation						
A-7.8	The Color of the loudspeaker shall be decided at the time of ordering as per the instructions of Engineer In charge.						
A-8	SITC of Ceiling Loudspeakers						
A-8.1	Type: Full Range or 2-way						
A-8.2	Should have minimum 4.25" woofer (LF driver) or better						
A-8.3	Minimum Efficiency/ Sensitivity : 88 dB SPL or better		Nos.	66			
A-8.4	Frequency Response (-10dB): 90 Hz - 17 KHz or better	Bose FS4CE or QSC AD-C6T or Biamp	1403.				
A-8.5	Power Handling: Low-Z, continuous 40W continuous @ 8	Desono DX-1C6					
	Ohms/70V/100V or better Nominal Dispersion: not more than 148 degrees conical						
A-8.6 A-8.7	OEM approved ceiling mechanism for loudspeaker installation						
	Should be of the same OEM as that of line item #A-12,A-13						
	The Color of the loudspeaker shall be decided at the time of ordering as						
A-8.9	per the instructions of Engineer In charge.						
	-						
A-9	SITC of Stage Monitor Speaker						
A-9.1	Single 8" or better speaker -LF (1) 8-inch or better						
A-9.2	HF (1) 1.25-inch or better						
	Suitable for main PA and stage monitor						
A-9.4	It can be used for monitoring applications or portable type		Nos.	2			

	Annexure-'C'					
Schedule of Quantities I-Estimate						
				Rate exclusive of taxes in		

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Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
A-9.5	Peak Spl - 123dB or better	Bose AMU108 or QSC E110 or Biamp					
A-9.6	Sensitivity - 93dB or better	Community MX8-B					
A-9.7	Coverage angle - 85 x60 or better	,					
	Power rating - 150W or better						
A-9.9	Frequency Range (-10 dB)-80 Hz – 18,000 Hz or better						
	The Color of the loudspeaker shall be decided at the time of ordering as						
A-9.10	per the instructions of Engineer In charge.						
	per the metrodorie of Engineer in charge.						
A-10	SITC of Portable speaker system						
A-10.1	Should have minimum one 7" x 13" Low Frequency Drivers or better						
A-10.2	Should have minimum eight 2" High Frequency Drivers or better						
A-10.3	Should have minimum coverage of 120° (H) x 30° (V) or better	•					
	Should have inbuilt amplifier to power the drivers.						
A-10.5	Should have bluetooth support for audio streaming and control		Nos.	1			
	Should have inbuilt USB port or should include USB to Analog Converter	Bose L1 Pro8 or Electro Voice Evolve 50M					
A-10.6	for USB Audio connection.	or LD Systems					
A-10.7	Should have onboard mixer with Input and Output channels.						
A-10.8	Should have minimum 02 x Input channels with 01 x TRS, 01 x XLR ports						
A-10.9	Should have minimum 01 x XLR Output port						
A-10.10	Should be portable audio system						
	·						
	B - Video System						
B-1	SITC of Direct View LED Display						
B - 1.1	With micro LED technology (Flip-chip Micro LED/ COB Micro LED) with maximum pixel pitch of 1.3 mm or better; comes along with LED control unit, on-board power supply, loop-in, loop-out cables along with necessary extension						
B - 1.2	The LED should have Full black coating technology with panel like smooth surface i.e. protection coating. Pixels should not be exposed ensuring protection from dust and minor water droplets on the modules.						
	Size of DLED: diagonal size in the range of 132" - 138"						
B - 1.4	Aspect ratio: 16:9		Nos.	1			
B - 1.5	Controller should be from the same OEM with digital inputs, RS232/RJ45 & should be controllable via control processor part of the bid (item #C-1)	Christie or LG or Samsung or Xtreme Media	1403.	'			
B - 1.6	LED Lifespan (Hours to Half Brightness) : 1,00,000 or better						
	Brightness: Minimum 1000 nits or better	†					
	Contrast Ratio : minumum 10000 : 1 or better						
	Direct view LED resolution : minimum 2400 x 1350 or better						
	12~14-bit adjustable internal processing						
B - 1.11	OEM approved direct mounting structure (study the drawings/site before quoting). Side Covering to be included.						
B - 1.12	Should be certified with BIS/UL/ETL/CB/IEC0950/CE/EMC/FCC.						
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Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
B - 1.13	Cables, accessories, mounting kit required to complete the installation must be included, buffer should be in the form of full cabinets/Spares including modules, to be placed on site.						
B-2	SITC of Display Type A						
B-2.1	Screen size: 108" to 115" diagonal or bigger						
B-2.2	Native Resolution :3840*2160 (4K UHD) or better						
B-2.3	Aspect Ratio: 16:9 or 16:10	_					
B-2.4	Back Light Refresh Rate: 60Hz or better						
B-2.5	Brightness: 500 nits or better		Nos.	1			
B-2.6	Viewing angle: 178 x 178 minimum vertically and horizontally or better	LG or Sony or Samsung or Panasonic	NOS.	'			
B-2.7	Should have minimum (01) HDMI, (01) USB and Audio inputs or better						
B-2.8	Should have (01) RS232, (01) RJ45 ports for control						
B-2.9	Should have built-in loudspeaker						
B-2.10	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).	-					
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B-3	SITC of Display Type B						
B-3.1	Screen size: 98" diagonal or bigger						
B-3.2	Native Resolution :3840*2160 (4K UHD) or better						
B-3.3	Aspect Ratio: 16:9						
B-3.4	Back Light Refresh Rate: 60Hz or better						
B-3.5	Brightness: 350 nits or better		Nos.	5			
B-3.6	Viewing angle: 178 x 178 minimum vertically and horizontally or better	LG or Sony or Samsung or Panasonic	1105.	5			
B-3.7	Should have minimum (01) HDMI, (01) USB and Audio inputs or better						
B-3.8	Should have (01) RS232, (01) RJ45 ports for control						
B-3.9	Should have built-in loudspeaker						
B-3.10	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).						
						†	
B-4	SITC of Display Type C						
B-4.1	Screen size: 85" diagonal or bigger		1				
B-4.2	Native Resolution :3840*2160 (4K UHD) or better						
B-4.3	Aspect Ratio: 16:9						
B-4.4	Back Light Refresh Rate: 60Hz or better						
B-4.5	Brightness: 350 nits or better						
B-4.6	Viewing angle: 178 x 178 minimum vertically and horizontally or better	LG or Sony or Someone or Bones	Nos.	9			
B-4.7	Should have minimum (01) HDMI, (01) USB and Audio inputs or better	LG or Sony or Samsung or Panasonic					
B-4.8	Should have (01) RS232, (01) RJ45 ports for control						
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Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
B-4.9	Should have built-in loudspeaker						
B-4.10	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).						
B-5	SITC of Display Type D						
B-5.1	Screen size: 75"diagonal or bigger					· ·	
B-5.2	Native Resolution : 3840*2160 (4K UHD) or better						
B-5.3	Aspect Ratio: 16:9	LG or Sony or Samsung or Panasonic					
B-5.4	Back Light Refresh Rate: 60Hz or better						
B-5.5	Brightness: 350 nits or better						
B-5.6	Viewing angle: 178 x 178 minimum vertically and horizontally or better		Nos.	1			
B-5.7	Should have minimum (01) HDMI, (01) USB and Audio inputs or better	20 or cony or cumoung or runnacons					
B-5.8	Should have (01) RS232, (01) RJ45 ports for control						
B-5.9	Should have built-in loudspeaker						
B-5.10	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).						
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B-6	SITC of Display Type E						
B-6.1	Screen size: 65"diagonal or bigger						
B-6.2	Native Resolution : 3840*2160 (4K UHD) or better						
B-6.3	Aspect Ratio: 16:9						
B-6.4	Back Light Refresh Rate: 60Hz or better						
B-6.5	Brightness: 350 nits or better	<u> </u>	NI	40			
B-6.6	Viewing angle: 178 x 178 minimum vertically and horizontally or better	LG or Sony or Samsung or Panasonic	Nos.	10			
B-6.7	Should have minimum (01) HDMI, (01) USB and Audio inputs or better	, g					
B-6.8	Should have (01) RS232, (01) RJ45 ports for control						
B-6.9	Should have built-in loudspeaker						
B-6.10	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).						
B-7	SITC of Retractable Monitors						
B-7.1	Should be 17" Diagonal Monitor						
B-7.2	Native Resolution : 1920 x 1080 or better						
B-7.3	Aspect Ratio: 16:9 or better						
B-7.4	Brightness: 400 cd/m2 or better		Nos.	4			
B-7.5	Should have minimum (01) HDMI input or better	And an Halman All Co.	1403.	"			
B-7.6	Body should be Anodised Aluminum or Powered coated Steel	Arthur Holm or Albiral or Element One					
D	Control: RS-422/RS-485/RJ45 or any proprietary connection, In case of						
B-7.7	proprietary connection necessary LAN convertor to be included to work with control system specified in line item #C-1						
	Iwith control system specified in line item #C-1	1	l	I		l	

Item No. Item Description Make/Model Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total G:	ST %
				331 %
B-7.9 Should include the OEM mounting accessories to table mount it				
B-8 SITC of Tablet Display				
B-8.1 Screen size: Min. 21" diagonal or better				
B-8.2 Should be interactive touch display				
B-8.3 Native Resolution : 1920 x 1080 or better				
B-8.4 Aspect Ratio: 16:9 or better Nos.	1			
B-8.5 Brightness: 210 cd/m2 or better Qomo or Wacom				
B-8.6 Should have minimum (01) HDMI input and output or better. Incase HDMI input is not available then necessary convertor cable to be included				
B-8.7 Should have (01) USB 3.0 touch interface for communication			·····	
B-8.8 Includes OEM approved desktop kit, USB cables etc and writing			·····	
accessories				
			<u></u>	
B-9 SITC of Trolley Mount				
B-9.1 Should support trolley mounted display			<u></u>	
B-9.2 Should support mounting of screen size: up to 85"				
B-9.3 Should have Max load capacity of 125kg or better				
B-9.4 Should have VESA fixings: up to 600 x 400 Universal fixings or better				
B-9.5 Should include additional adapters (if required) to mount the displays. Nos.	1			
B-9.6 Should have sufficient space behind the display to house AV devices etc. Btech or Chief or Vogels				
B-9.7 Should have castors, space to manage the cables, Shelf below the display, etc.				
B-9.8 Should be height adjustable				
B-9.9 The color of the mount shall be decided at the time of ordering as per the instruction of Consultant/Institute				
B-9.10 Should be compatible with the Display specified in item # B-4				
B-10 SITC of Custom Low Height Trolley Mount				•••••••••
B-10.1 Should support trolley mounted display			·····	
B-10.2 Should support mounting of screen size: up to 55"				
B-10.3 Should have Max load capacity of 30 kg or better				
B-10.4 Should have VESA fixings: up to 600 x 400 Universal fixings or better Nos.	2			
B-10.5 Should have sufficient space behind the display to house AV devices etc.				
B-10.6 Should have castors, space to manage the cables, Shelf below the display, etc.				
B-10.7 The color of the mount shall be decided at the time of ordering as per the instruction of Consultant/Institute				
B-10.8 Should be compatible with the Display specified in item # B-9				

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
B-11.1 B-11.2 B-11.3 B-11.4 B-11.5 B-11.6 B-11.7 B-11.8 B-11.9 B-11.10 B-11.11 B-11.12 B-11.13 B-11.14 B-11.15 B-11.15	The architecture must be open Standard based and should have built in camera, Mics and speakers This includes standards such as the H.264, H.265 The system should support both IPv4 and IPv6 Should support 30 fps with 1080p resolution Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously. H.239 dual stream support for sending both video and presentation signal Must have Min. (01) USB A Port to connect with additional camera if required Must have 1 HDMI input to connect one laptops/PC for presentations supporting resolution upto 1080p30fps. Must have (01) USB C Port which will route the connected Cameras and audio signals to laptop for BYoD/BYoM applications It should transmit content to the far end location up to 4K@15fps during the video call Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support). Should support audio standards: G.711, G.722, G.722.1, G.728, G.729 or better Noise Reduction, Automatic Gain control, Acoustic Echo Canceller 1 LAN /Ethernet10/100/1000 Mbps full duplex Should be interoperable with all legacy VC systems, like Standard Definition VC system. Auto Gatekeeper Discovery, IP Precedence & QoS with support for H.323 based lost packet recovery. Media Encryption (H.323, SIP): AES-256 Should have latest generation Beamforming / Array Mics for audio pick up in the room with a pick up range of Min. 6 m Should be supplied with 10" table top touch panel and necessary mounting accessories Should include additional table top Mics from the same OEM as part of the tender.(refer to the sld)	Poly X52 or Cisco Webex Room Bar Pro	Nos.	8			
B-12	SITC of All in one Video Bar Type B The architecture must be open Standard based and should have built in						
	camera, Mics and speakers Must have (01) USB C Port which will route the connected Cameras and audio signals to laptop for BYoD/BYoM applications						

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total G	GST %
	Should have latest generation Beamforming / Array Mics for audio pick up in the room with a pick up range of Min. 6m		Nos.	1			
	Should have Min. 2x 10 W RMS Speakers		NOS.	'			
D 12.5	Should have camera for tracking the active speaker in the room with a zoom capability of Min. 5x digital	Poly V52 or Cisco Room Bar					
	Should be supplied with Wall mount and necessary mounting accessories						
B-12.7	Should include additional table top Mics from the same OEM as part of the tender.(refer to the sld)						
	Should be compatible to work with lastest UC Softwares but not limited to MS Teams, Zoom, Webex, etc.						
B-13	SITC of Display Type I						
B-13.1	Screen size: 55"diagonal or bigger						
	Should be android based display or should be OEM proprietary OS.						
B-13.3	Should support installation of any third party application like Youtube, Netflix, etc. as per client requirement						
	Should have builtin memory 1.2 GB or better to support the installation of these apps.						
	Native Resolution : 3840*2160 (4K UHD) or better						
	Aspect Ratio: 16:9						
	Back Light Refresh Rate: 60Hz or better		Nos.	1			
B-13.8	Brightness: 250 nits or better	LG or Sony or Samsung or Panasonic					
	Viewing angle: 178 x 178 minimum vertically and horizontally or better	Let of sorry of samsung of Fanasonic					
B-13.10	Should have built in OS to access various applications.						
B-13.11	Should have minimum (01) HDMI, (01) USB and Audio inputs or better						
B-13.12	Should have (01) RJ45 port						
B-13.13	Should have built-in loudspeaker						
	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).						
						 	
B-14	SITC of PTZ Camera						
B-14.1	Should have minimum 20x optical zoom pan tilt camera						
B-14.2	Should support FHD Output Resolution at 60fps						
	Should have HDMI, USB 3.0, NDI output connection						
B-14.4	Should have (01) RS-232 or RS-422 or Ethernet (RJ45) for control from control processor (item #C-1)						
	Should be able to save and recall minimum 128 presets.		Nos.	12			
B-14.6	Should give a clear image in single frame of the last seated person in the room which is at a max. distance of 18M.	Crestron IV-CAM-P20 or Panasonic or Sony		.=			
	Should include power supply unit						
	Should have mountable option of upside down, picture flips automatically or software configurable.						

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Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
B-14.9	Should be included with appropriate mounting kit for wall/ ceiling mount as per site requirement						
B-14.10	The color of the camera shall be decided at the time of ordering as per						
	the instruction of Engineer in charge						
B-14.11	Should have CE/FCC/BIS						
						+	
B-15	SITC of AV over IP Encoder/Transceiver						
B-15.1	Should Support 4K visually lossless over 1Gbps network						
	Should support upto 4K 4:4:4 @60Hz Resolution						
B-15.3	Should have minimum (01) HDMI input.						
B-15.4	Should be capable of handling USB 2.0 signal routing by connecting all USB Peripherals from multiple Transceiver/decoder boxes, additional hardware from same OEM can be considered to achieve this functionality if required.						
B-15.5	Hardware appliance to facilitates configuration, control, and management of Transceivers or encoder or decoders part of tender	Crestron or Extron or Lightware	Nos.	43			
	Should have Lower than 1.5 frame latency						
	POE+ powered (IEEE 802.3at Type 2)						
	Should support AES67/Dante/Balanced Audio Input						
	Should have LAN, RS-232 Control Ports Should support AES-128 encryption, 802.1X, SSH	•					
	Should have JITC/FIPS/NIAP/FCC						
	Should include power supply unit and necessary mounting accessories.						
B-15.13	Should be of same OEM as that of B-21	•					
B-15.14	Should be compatible with the control processor (Item # C-1) & Network switch (Item # D-15)						
						<u> </u>	
B-16	SITC of AV over IP Decoder/Transceiver						
B-16.1	Should Support 4K visually lossless over 1Gbps network						
B-16.2	Should support upto 4K 4:4:4 @60Hz Resolution						
	Should have minimum (01) HDMI output.						
B-16.4	Should be capable of routing the connected USB 2.0 Peripherals to the Transreceiver/Encoder box. Additional hardware from same OEM can be considered to achieve this functionality if required.						
B-16.5	Hardware appliance to facilitates configuration, control, and management of Transceivers or encoder or decoders part of tender		Nos.	52			
B-16.6	Should have Lower than 1.5 frame latency	Crestron or Extron or Lightware					
	POE+ powered (IEEE 802.3at Type 2)						
	Should support AES67/Dante/Balanced Audio Output						
	Should have LAN, RS-232 Control Ports						
B-16.10	Should support AES-128 encryption, 802.1X, SSH			I		I	

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total GST %
B-16.11	Should have JITC/FIPS/NIAP/FCC					
	Should support in-built scaling feature					
B-16.13	Should include power supply unit and accessories & One decoder is					
	spare					
B-16.14	Should be of same OEM as that of B-20					
B-16.15	Should be compatible with the control processor (Item # C-1) & Network switch (item # D-15)					
	Switch (item # D-13)					
B-17	SITC of Universal Auto Switcher Type A					
B-17.1	Should be a single box or Multibox Solution					
B-17.2	Should have Min. (01) USBC, (03) HDMI along with (03) USB Input Ports					
B-17.3	Should have Min. Output (02) USB-A Peripheral Ports, (01) HDMI Ports					
B-17.4	Devices connected on the USB-A Peripheral ports should be able to be		Nos.	4		
B-17.5	routed to Host USB/USBC Ports The USBC Port should support Min. 60W of charging	Crestron or Extron or Lightware				
	Should support Auto Switching between the connected input sources and	Crestion of Extron of Lightware				
B-17.6	also manual switching buttons should be there					
B-17.7	Incase of multibox solution necessary additional cables to added to					
	complete the solution as per requirement					
	Control: RS-232/LAN					
B-17.9	Should have CE/FCC/UL/BIS Should support PoE or include power supply.					
	Should included OEM mounting accessories as required.					
	enous morados ezim mosming accessorios as requires.					
B-18	SITC of Universal Auto Switcher Type B					
B-18.1	Should be a single box or Max (02) Box Solution					
B-18.2	Should have Min. (01) USBC, (01) HDMI along with (01) USB Input Port.					
B-18.3	Should have Min. Output (02) USB-A Peripheral Ports, (01) HDMI Ports		Noo	7		
B-18.4	Devices connected on the USB-A Peripheral ports should be able to be	O	Nos.	'		
B-18.5	routed to Host USB/USBC Ports The USBC Port should support Min. 60W of charging	Crestron or Extron or Lightware				
	Should support Auto Switching between the connected input sources and					
B-18.6	also manual switching buttons should be there					
B-18.7	Control: RS-232/LAN					
B-18.8	Should have CE/FCC/UL/BIS					
B-18.9	Should support PoE or include power supply.					
B-18.10	Should included OEM mounting accessories as required.		+			
			+			
B-19	SITC of HDMI Auto Switcher					
R - 10 1	Should have minimum 04 HDMI Inputs or better		-			
D - 19.1	Should have millimum 04 Fibrii imputs of better		1			

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
B - 19.3 B - 19.4 B - 19.5 B - 19.6 B - 19.7 B - 19.8	Should have minimum 01 HDMI Output or better Should support Auto Switching between the connected input soureces. Should support resolution upto 4K/30 4:4:4 or better Should be HDCP compliant Control: RS-232/LAN Should have CE/FCC/UL/BIS Should support PoE or include power supply. Should included OEM mounting accessories as required.	Crestron or Extron or Lightware	Nos.	9			
B-20.1 B-20.2 B-20.3 B-20.4 B-20.5 B-20.6 B-20.7 B-20.8 B-20.9 B-20.10 B-20.11 B-20.11	The architecture must be open Standard based and should be supplied without camera This includes standards such as the H.264, H.265 The system should support both IPv4 and IPv6 Should support 30 fps with 1080p resolution Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously. H.239 dual stream support for sending both video and presentation signal It should have ports for connecting minimum 3 cameras directly on the codec or via AV over IP functionality to connect upto 3 cameras Should have at least 1 x HDMI /HDCI/USB inputs to connect Full HD cameras Should include converter adapter to HDMI/HDCI/USB (incase of proprietary connector) to connect the camera input to the codec. Must have (01) USB C Port which will route the the connected Cameras and audio signals to laptop for BYoD/BYoM applications It should transmit content to the far end location up to 4K@15fps during the video call Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content. (Dual Monitor Support). Should support audio standards: G.711, G.722, G.722.1, G.728, G.729 or better	Poly G62 or Cisco Codec EQ	Nos.	7			
Б-20.14	Noise Reduction, Automatic Gain control, Acoustic Echo Canceller, Active Lip syncronization 1 LAN /Ethernet10/100/1000 Mbps full duplex						

Item No.	Item Description Should be interoperable with all legacy VC systems, like Standard	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total GS	ST %
	Definition VC system. Auto Gatekeeper Discovery, IP Precedence & QoS with support for H.323						
D-20.17	based lost packet recovery.						
B-20.18	Media Encryption (H.323, SIP): AES-256						
	Control: RS-232/USB/LAN (Incase of USB necessary convertor to be considered) for controlling the device from control processor specified in line item #C-1						
B-20.20	In case the above feature is not available natively, then additional components can be provided to achieve this.						
	components can be provided to achieve this.						
B-21	SITC of Multiwindow Processor						
B-21.1	Rack-mountable multi-window processor for combining (04) HDMI into four windows on a single HDMI output						
B-21.2	Provide storage and recall of video parameters and picture settings over a manual preset and recalled via RS-232/422/Ethernet connection						
	Output: (01) HDMI	Crestron HD-WP-4K-401-C or Extron MGP	Nos.	1			
	Should have (01) RS-232/Ethernet port for control	641 xi or Analogway					
	Provide four-window or side-by-side or picture-in-picture (PIP) layouts						
	Support EDID & HDCP compliant						
	Support 4K30 4:4:4 format or better Should be equipped with power supply						
	Built-In Web Interface or application to configure & manage the layouts						
B-22	SITC of Annotation Processor						
B-22.1	Hardware based annotation processor with capability of live annotation on presentation as well as video						
B-22.2	Should have Min. (01) HDMI 2.0 Input						
B-22.3	Should have Min. (02) 4K/60 4:4:4 HDMI Ouputs, Min. (02) 3.0 USB-A Ports for connecting the touch display	Extron Annotator 404 as Equipples	Nos.	1			
B-22.4	Should support various upto resolution from 640x480 upto 4096x2160	Extron Annotator 401 or Equivalent		1			
B-22.5	Shall provide real-time annotation capabilities over the displayed video output like Drawing, pointing over both video and images						
	Should be HDCP 2.3 complaint Control: RS-232/Lan (Ethernet)						
B-22.7	Should be rack mountable and be supplied with necessary mounting						
	accessories						
B-22.9	Should have CE/UL/FCC			-			
B-23	SITC of Display Type G					*****	

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Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
B-23.1	Screen size: 75" diagonal or better						
B-23.2	Should be android based display or should be OEM proprietary OS.					<u>"</u>	
B-23.3	Should support installation of any third party application like Youtube,						
-	Netflix, etc. as per client requirement Should have builtin memory 1.2 GB or better to support the installation of						
B-23.4	these apps.						
B-23.5	Native Resolution : 3840*2160 (4K UHD) or better					<u>"</u>	
	Aspect Ratio: 16:9					<u>"</u>	
	Back Light Refresh Rate: 60Hz or better		Nos.	4			
B-23.8	Brightness: 250 nits or better	LG or Sony or Samsung or Panasonic					
B-23.9	Viewing angle: 178 x 178 minimum vertically and horizontally or better						
B-23.10	Should have minimum (01) HDMI, (01) USB and Audio inputs or better						
B-23.11	Should have (01) RJ45 port	•				,	
	Should have built-in loudspeaker					"	
						<u>"</u>	
B-23.13	Includes OEM approved mounting kit with sufficient space behind the display to house AV devices (study the drawings/site before quoting).						
						 	
B-24	SITC of Display Type H						
B-24.1	Screen size: 65" diagonal or bigger						
B-24.2	Should be android based display or should be OEM proprietary OS.						
B-24.3	Should support installation of any third party application like Youtube, Netflix, etc. as per client requirement						
B-24.4	Should have builtin memory 1.2 GB or better to support the installation of						
	these apps.						
	Native Resolution : 3840*2160 (4K UHD) or better Aspect Ratio: 16:9						
	Back Light Refresh Rate: 60Hz or better						
	Brightness: 250 nits or better		Nos.	4		"	
	Viewing angle: 178 x 178 minimum vertically and horizontally or better	LG or Sony or Samsung or Panasonic				<u>"</u>	
B-24 10	Should have built in OS to access various applications.					.	
						"	
B-24.11	Should have minimum (01) HDMI, (01) USB and Audio inputs or better					<u></u>	
B-24.12	Should have (01) RJ45 port						
B-24.13	Should have built-in loudspeaker					<u>"</u>	
	Includes OEM approved mounting kit with sufficient space behind the					i i	
B-24.14	display to house AV devices (study the drawings/site before quoting).						
—	, , , , , , , , , , , , , , , , , , , ,					 	
	C- Control System						
C-1	SITC of Control Processor						
C - 1.1	Real-time, Multitasking Control processor		1	1		"	
C - 1.2	Minimum 4 GB Flash		l	ļ	I	ا	

C - 1.4 C - 1.5 C - 1.6	Item Description (02) LAN port with industry standard Ethernet communications, (01) LAN port will be connected on client network and another LAN port for AV network. Built in Web server & licenses/software for touch panel Minimum (3) RS-232/422/485 (bi-directional) ports Minimum (2) IR/serial ports Minimum (2) Low Voltage relay ports	Make/Model Crestron CP4N or Extron IPCP Pro 360Q xi w/LL or AMX MU-2300+PSR 5.4	Unit Nos.	Quantity 7	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
C - 1.9 C - 1.10	Minimum (4) I/O ports SNMP Support Exclusive modular programming architecture Should include power supply						
C - 2.2 C - 2.3	SITC of Table Top Wired Touch Panel with Mounting Kit and Accessories Should have a colored touch screen of minimum 10 inches diagonal The Table Top kit to be a standard accessory of the Touch Panel, supplied by the OEM The Touch Panel to be programmed to control Audio, Video, Lighting and Signal Switching of the Room as per the requirement specification Should be connected over POE/POE+ based Ethernet port	Crestron TS-1070-B-S or Extron TLP Pro 1025T or AMX Varia 100	Nos.	7			
C - 2.6	Should support room control as per desired functionality Should be compatible & to have licenses/software to link with control processor specified in item # C-1 Should be projected capacitive touch screen SITC of Wireless Access Point						
C-3.1	Integrated antenna Flexible radio (2.4 GHz & 5 GHz) • 2.4 GHz, gain 4 dBi, internal antenna, omnidirectional in azimuth • 5 GHz, gain 6 dBi, internal directional antenna, elevation plane beam width 90° Dedicated 5-GHz radio • 5 GHz, gain 5 dBi, internal antenna, omnidirectional in azimuth						
C-3.2	Interfaces 2802l/E 2x100/1000BASE-T autosensing (RJ-45) Management console port (RJ-45) USB 2.0 (enabled via future software)	Netgear or Cisco or HP Aruba	Nos.	1			
	Indicators Status LED indicates boot loader status, association status, operating status, boot loader warnings, boot loader errors Input power requirements 802.3at PoE+ Universal PoE 802.3at power injector						

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total GST %
C-3.5	Should be compatible with network switch part of tender item #D-15					
C-3.6	Necessary mounting kit, to be included while Quoting					
C-4	SITC of iPad Pro					
C-4.1 C-4.2	Should be 12.9 inch diagonal latest generation lpad pro Should have storage of 128 GB or better					
	Should have Storage of 128 GB of better Should have Wifi Connectivity		Nos.	1		
C-4.4	Should have necessary software to work with control system specified in line item # C-1	Apple iPad pro 128GB				
C-4.5	Should include latest generation Apple pencil & magic keyboard					
C-4.6	Should include 2 meter USB-C charging cable & 30W USB-C power adaptor					
C-5	SITC of Security Mount For iPad Pro 12.9"					
C-5.1	Should be compatible with 12.9 inch diagonal screen size iPad pro		Nos.	1		
C-5.2	Charging cable include fast charger of 20W, charging cable of length 2meter	Iport or Maclocks or Kensington or MagTarget				
C-5.3	Should have security lock with thin wire attached to the IPad pro & docking station for theft protection					
C-6	SITC of Button Panel Controller					
C - 6.1	Button Panel control processor having min. 6 Configurable Buttons and Volume +/- and Mute Buttons					
	Minimum 512 MB Flash					
	(01) LAN/Ethernet Port to communicate with the AV Devices Minimum (1) RS-232/422/485 (bi-directional) ports					
C - 6.5	Minimum (1) IR/serial ports		Nos.	4		
	Minimum (2) Low Voltage relay ports	Crestron MPC3-102-B or Extron MLC Plus 100 + PI 115 or AMX				
	Minimum (1) I/O ports Should support customized naming of the buttons and engraving of these	100 FFI 113 OF AWA				
C - 6.8	buttons to be included					
	Exclusive modular programming architecture Should include power supply					
	The color of the unit shall be decided at the time of ordering as per the	 				
C - 6.11	instruction of Engineer in charge					
C-7	SITC of Presentation Remote					
C-7.1	Should support RF connectivity					
C-7.2	Should be a combination of Transmitter and Reciever Box	Dans DO MINI ACO de Marcon de VII	Nos.	1		
C-7.3	Should be compatible with Windows/Mac	Dsan PC MINI AS2 or Mastercue V7 or				

						7	
Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
C-7.4	Should be compatible with Powerpoint/keynote/PDF/Googleslide/prezi etc.	eyuıvalerit					
C-7.5	Should have rechargeable/replacable battery						
C-7.6	Wireless range of upto 100meter					<u> </u>	
						<u> </u>	
	D - Installation Hardware						<u></u>
D-1	SITC of 6' HDMI Cable						
D-1.1	Should Support 4K60 4:4:4 video, 18 Gbps bandwidth		Nos.	166			
D-1.2	Gold-plated 19-pin Type A M-M non-slip HDMI connector	Crestron or Extron or Lightware					
D-1.3	High-flex CL3-rated jacket						
D-1.4	RoHS compliant					1	
						+	
D-2	SITC of 30' HDMI Cable						
D-2.1	Should Support 4K60 4:4:4 video, 18 Gbps bandwidth		Nos.	14			
D-2.2	Gold-plated 19-pin Type A M-M non-slip HDMI connector	Crestron or Extron or Lightware					
D-2.3	High-flex CL3-rated jacket						
D-2.4	RoHS compliant					+	
D-3	SITC of 6' USB 3.0 A-A Cable						
D-3.1	USB Type-A USB 3.0 Male to USB Type-A (4 pin) Male cable		Nos.	11			
D-3.2	Should be USB 3.0 port and supports data transfer rate up to - 5 Gbps	Startech or Cable Wholesale or C2G					
D-3.3	Backward compatible with USB 2.0 ,USB 1.1 devices						
D-3.4	Should have Nickel Plating					1	
D-4	SITC of 6' USB 3.0 C-C Cable						
D-4.1	USB Type-C USB 3.0 Male to USB Type-C Male cable		1				
D-4.2	Should be USB 3.0 port and supports data transfer rate up to - 5 Gbps	Crestron or Extron or Lightware	Nos.	22			
D-4.3	Should Support full feature USB C specs	-					
D-4.4	Should be compatible with the Universal Auto Switcher specified in line item #B-31						
D-5	SITC of 6' USB 3.0 A-A/B/C Cable						
D-5.1	USB Type-A USB 3.0 Male to USB Type-A/USB Type-B (4 pin)/USB C Male cable						
D-5.2	Should be USB 3.0 port and supports data transfer rate up to - 5 Gbps	Startech or Cable Wholesale or C2G	Nos.	67			
D 0.2							

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
D-5.4	Should have Nickel Plating						
D-5.5	Appropriate cable to be given as per requirement based on the selected model for type of each room						
D-6	SITC of 30' USB 3.0 A-C Cable						
D-6.1	USB Type-A USB 3.0 Male to USB C Male cable		Nos.	11			
D-6.2	Should be of the same OEM of Video Bar specified in line item #B-16,B-	Poly or Cisco					
D-7	SITC of USBC to HDMI Convertor						
D-7.1	Should be USBC to HDMI+USBA Convertor		Nos.	9			
D-7.2	Should be Apple Certified in order to work with latest Apple, Mac and Windows devices	Apple or Liberty					
D-7.3	Should include secure locking mechanism to work with connected HDMI/USB Cables						
D - 8	SITC of Speaker Cable (2.5 sq.mm)		Mtrs	970			
D - 8.1	2 core 2.5 sq.mm/ 14 AWG PVC insulated copper conduction loudspeaker cable	Belden or Extron or Ramcro or Crestron or Commscope		0.0			
D - 9	SITC of Microphone/Audio/Control Cable						
D - 9.1	Single shielded twisted pair, 20 AWG, tinned copper conductors	Belden or Extron or Ramcro or Crestron or	Mtrs	179			
D - 9.2	Non plenum 2 core PVC insulated copper conduction microphone cable	Commscope					
D - 10	SITC of U/L Listed Connectors		LOT	7			
D - 10.1	High Grade connectors for audio, video and control and related systems.	Amphenol or Neutrik or Switchcraft					
D - 11	SITC of STP/ CAT-6A Cable						
D - 11.1	Cable shall be optimized for use in digital video over twisted pair application						
D - 11.2	Cable shall provide 350MHz ultra high-performance shielded CAT6 at distances up to 100 meters	Belden or Extron or Ramcro or Crestron or	Mtrs	1818			
D - 11.3	Provide protection from outside electrical interference which can result in bit-errors	Commscope					
D - 11.4	Compatible with the audio, video & control products outlined in bid specifications						
บ - 11.5	Should be LSZH Rated	<u> </u>		I	L	l	

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
D-12	SITC of Custom Faceplate					,	
D-12.1	Should be a single module plate having all the connectors					·"	
D-12.2	HDMI 2.0 female to female interface						
D-12.3	USB 3.0 Type A female to Type A female interface and should be backward compatible with USB 2.0,1.1 devices		Nos.	11			
D-12.4	USB 3.0 Type C female to Type C female interface	Custom					
D-12.5	USBC Connector should be Full Featured USBC Connector Should include necessary faceplate & accessories to mount on the						
D-12.6	operator table						
D-12.7	The Color of the wall plate shall be decided at the time of ordering as per the instructions of Engineer In charge						
	and management of Engineer in orange						
D-13	SITC of AV Equipment Rack						
D-13.1	19", 42U equipment rack 600 X 600 mm with front glass door, power distribution box, internal fans, wheels etc. complete with all accessories.						
D-13.2	Floor standing with castor wheels & locking provision.						
D-13.3	Fully wired with power distribution and vent to suit forced Air via Fan						
D-13.4	Lockable front door made of glass with provision for opening the rack from minimum 4 sides						
	Vented top Cover and bottom covers with cable entry cut-outs.		Nos.	5			
	19" angle for rack mounting with provision for recessing mounting angle	Valrack or W&Q or Rittal or Netrack or President					
	Removable side panels with slam latches	resident				<u></u>	
	Fans (Minimum 04 EA.) for cooling of fully populated rack RJ- 45 Patch Panels to be included as per requirement for better connectivity.						
D-13.10	Door operated CFL light for rack						
D-13.11	Hardware kit including necessary channels for fixing, the supplied equipment inside the rack & bars for cable management					 	
D-13.12	Power Distribution Unit (PDU) with spike guard sufficient enough to supply AC power to all the equipment's housed inside rack. The PDU should be supplied with industrial universal socket.						
D-14	SITC of Switched Rack PDU						
D-14.1	230V, 16A with (08) C13 connectors or better		1			 	
D-14.2	Full-featured network management interfaces that provide standards- based management via Web, SNMP and Telnet.						
D-14.3	Allows users to configure the sequence in which power is turned on or off for each outlet.		Nos.	7			
D-14.4	Should be controllable using control processor part of the bid (item # C - 1)	APC or Furman or Aten					

Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
D-14.5	Indicates overload and warning conditions based on the user-defined alarm thresholds. Alerts users of potential overloaded circuits.						
D-14.6	RoHS Compliant					•	
D-15	SITC of 48 Port Network POE+ Switch						
D-15.1	Port Capacity: 48 port10/100/1000 Ethernet Ports						
D-15.2	POE+ Support: Should Support minimum at 700 watts						
D-15.3	Stacking: Should support stacking through stacking port for expandability or Interface for Uplink: Should provide 4 slots with small form factor pluggable 10G uplink fibre modules included in the switch						
D-15.4	Should have multicast, IGMP snooping (V2 & V3), QoS, Jumbo frames, compatible with AV over IP transceivers part of bid #item B-20,B-21	Netgear or Cisco or HP	Nos.	7			
D-15.5	Should be able to create separate VLAN for audio, video & control	Netgear of Cisco of HP					
D-15.6	Should be able to handle Bandwidth requirement for all the connected devices						
D-15.7	Should include necessary power supply to increase the POE budget (if required)						
D-15.8	Necessary Power cable & power supply to be included while quoting						
D-15.9	Should be compatible & meets the requirement of AVoverIP, Dante, AES67 etc. specified in item #A-3,A-4,A-5,B-20,B-21,C-1 etc. as per SLD						
D-16	SITC of AV Lectern						
D-16.1	Should be 19" rack type lectern table, durable steel body, intelligent and ergonomic structured						
D-16.2	Should be able to accommodate Goonsneck microphone interface above the podium, sliding tray for placing laptop and documents, keyboard/mouse sliding tray, presentation (01x HDMI, 02x USB) interfaces, grommets, cable manager and any other AV Device that will house in as shown in SLD, etc.		Nos.	1			
D-16.3	Should have universal 5/15 ampere sockets as per the functionality/devices inside the lectern, PDU to be supplied along with the lectern table, security lock system with one master key, cable management via wire manager to be also included	EIS Techinfra or Comm WizarDesk or Specktron	1100.	·			
D-16.4	Should have provision of power socket above the lectern to charge the laptop						
D-16.5	Should include the space inside the Lectern to store back-end devices			1			
D-16.6	Should be mobile for ease of transportation with roller wheels & locking mechanism						
D-16.7	Necessary power cables to be included while quoting						
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		Annexure-'C'				•	
	Sched	dule of Quantities I-Estimate					
Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %
D-17	SITC of IR Probe						
D-17.1	IR Emitter Probe w/Terminal Block Connector		Nos.	1			
D-17.2	2-pin terminal block type to connect with control processor part of the bid	Crestron IRP2 or Extron IR Emitter and Shield Kits or AMX CC-NIRC					
D-17.3	Should be compatible with control processor specified in item # C-1						
I	Sub-Total-I=(A+B+C+D)						
Ш	Project integration, programming, testing and commissioning charges for above system as per scheme prvovided in drawings and to the satisfaction of Consultant/Architect/SBI.(All source codes shall be the property of SBI).		LOT	1			
III	Comprehensive Annual Maintenance Contract Charges and AV Operator Charges						
				1			
E-6	Comprehensive Annual Maintenance Contract						
	Quarterly Comprehensive Annual Maintenance Contract (CAMC) charges for AV installations to begin after DLP of 3 year (or any extended DLP) for period of 2 years		Years	2			
	Sub-Total-(E-6.1+E-6.2) GST @ 18% E-6.3					Ī	
	Total-E-6.5=(E-6.3+E-6.4)						
IV	Grand-Total-IV=(I + II)						
	Note-The rates quoted for items Sr. No. A to E shall be inclusive of taxes		-				
	TNOTE: THE TALES QUOTED FOR ITEMS ST. INC. A TO E STIAIL DE ITICIUSIVE OF TAXES						1
							-
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	Sch	Annexure-'C' edule of Quantities I-Estimate				• - -	
Item No.	Item Description	Make/Model	Unit	Quantity	Rate exclusive of taxes in Figures(Rs.) (A)	Total	GST %