

Summary		
Sr. No	Particulars	Qty
1	Board Room - 20 Pax	1
2	Conference Room - 11 Pax	2
3	Training Room	1
4	8 Pax Room	1
5	6 Pax Room	3
6	4 Pax Room	5
7	SVP Cabin	13
8	Executive Dining	1
9	MD & COO	1
10	EVP	5
11	VP	1
12	President & COO	1
13	Reception	1
14	Townhall	1
15	Cafeteria	1
		Total
TCS extra as applicable		

Board Room - 20 Pax					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	136" LED TV	136" All-in-one Smart Series (3m x 1.69m) or (9.84ft x 5.54ft), Pixel Pitch: 1.56 mm , Screen Size: 136 (345.44cm) (Full HD), Brightness: 500 nit ,Embedded System Controller, Built-in Speaker, Dedicated Accessories : Wall Mount, Motorized Stand (Optional)	LG/Samsung	1	
2	Installation for 136" LED TV			1	
3	17.3" TFT Monitor Lift	Motorised mechanism for table pop up super-thin design with non touch inbuilt Auto-control, Quiet on uniformity in operation, and easy ascending & descending. 17.3" TFT inbuilt	AVSI/Coustom	9	
Projection of Computer Graphics / Video					
1	Cable Cubby	FlipTop™ FT2 Series Cable Management System, 700 Size, Mechanical, Pass-Through Lid, Black	Crestron/Extron	4	
		Gravity Cable Retractor for FT2 Series, HDMI® to HDMI, 18 Gbps	Crestron/Extron	4	
		Gravity Cable Retractor for FT2 Series, RJ-45 to RJ-45, CAT6	Crestron/Extron	4	
		AC Power Outlet Module for FT2 Series, Dual, Universal	Crestron/Extron	4	
		FlipTop™ FT2 Series Cable Management System Cable Pass-Through Plate Modules, Qty. 10	Crestron/Extron	2	
		FlipTop™ USB Rapid Charging Module	Crestron/Extron	4	
2	President & COO	Wireless presentation application: enables secure wireless collaboration in the modern digital workspace. Easy to deploy and manage with security	Barco/Crestron/Extron	1	
3	Ceiling document camera 12X zoom, HDMI out		Various	1	
4	Presentation Pointer		Logi/Targus	1	
5	8X4 HDMI Switcher	Switcher 8x4 digital AV switcher, HDMI with HDR10, HDR10+, Dolby Vision, Deep Color, 4K60 4:4:4 support1, 2 (DVI and Dual-Mode DisplayPort™ interface compatible3), Output Signal Types, HDMI with HDR10, HDR10+, Dolby Vision, Deep Color, and 4K60 4:4:4 support1, 2 (DVI compatible4), Color Depth should be min. 36 bit.	Crestron/Extron/lightware	1	
6	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/lightware	1	
7	1x4 HDMI Splitter	Splits one 4K HDMI source to four separate outputs.	Crestron/Extron/lightware	3	
8	HDMI Receiver	DM Lite – HDMI® over CATx Receiver, Surface Mount	Crestron/Extron/lightware	1	
9	HDMI Transmitter	DM Lite – HDMI® over CATx Transmitter, Surface Mount	Crestron/Extron/lightware	1	
10	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurement (Setup Box will be procure by Customer, Cabling need to done by vendor)	1	
Sound System					
1	Ceiling Mic	Ceiling microphone with beamforming technology which has 28 pre-polarized condenser capsule. Can be connected the microphone via analogue or digital DANTE audio outputs to any conference system. Power-over-Ethernet (PoE) device.	Sennheiser/Shure	2	
2	Ceiling mic surface mounting bracket	SL CM FB is a ceiling surface mounting bracket to install the TeamConnect Ceiling 2 microphone array on closed ceilings	Sennheiser/Shure	2	
3	1 Port POE Injector	The PoE Injector TL-POE150S fully complies with IEEE 802.3af standard, and can work with all IEEE 802.3af PoE compliant PDs (Powered Devices) or PoE Receiver Adapters.	TP-Link/D-Link/Netgear	2	
4	Digital Signal Processor	Digital Signal Processor with 6 Mic/Line Input & 4 Mic/Line Output & DANTE 64x64	Xilica/QSC/Biamp	1	
5	Ceiling Speaker (Qty In Pair)	Rimless 5.5" in-ceiling loudspeaker, optimized for speech intelligibility and powered with a single Ethernet connection. Integrated mounting for Sonia Amp to rear of back-can. 2 Pair	Xilica/Biamp/Bose	3	

6	6 Channel Amplifire	powerful and cost-effective HD and UltraHD PTZ camera with 30x zoom, 3G-SDI, HDMI and IP streaming. Supports 4K UHD at 30fps and 1080P at 60fps Powerful 30x optical zoom, with 68 degrees horizontal field of view at its widest setting Easy installation:	Xilica/Bose/Biamp/Crestron	1	
7	column Speakers	Design column speaker 6 x 2" Black version	Audac/Bose/OSC	2	
8	2 Channel Amplifier	Dual-channel Class-D amplifier 2 x 250W	Audac/Bose/Biamp	1	
Control System					
1	Control Processor	4-Series control processor. SDRAM 2 GB Flash 8 GB, Memory Card Supports SD and SDHC cards up to 32 GB External Storage Supports USB mass storage devices up to 1 TB. Ethernet 100/1000 Mbps, 8 RELAY OUTPUT, 8 I/O, 8 IR - SERIAL OUTPUT , 3 COM port, Cresnet & Lan.	Crestron/Extron	1	
2	IPAD	10.2-inch iPad 9th Gen Wi-Fi 64GB	Apple	1	
3	Power Sequencer and Controller		APC/Furman	1	
4	24 Port	Cisco Business CBS350-24T-4G Managed Switch 24 Port GE 4x1G SFP Limited Lifetime Protection (CBS350-24T-4G)	Cisco/Netgear	1	
Lighting & Curtain Control					
1	Lighting and Curtain Control			1	
Unified Conference Equipment					
1	4k Codec-Wireless Presentation System, Audio Tracking,Framing ,Eagle Eye IV-12x cam, IP Mic, remote, NTSC/PAL; Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 CAT 5E SHLD 25ft, 1 HDCI Mini 3m, Power: India BIS. Maintenance Contract Required.		Poly/Crestron/Cisco	1	
2	Partner Premier for 4k CODEC-Wireless Presentation System, Eagle Eye IV-12x camera		Poly/Crestron/Cisco	1	
3	Touch control for device. Requires PoE network connection or optional external power injector		Poly/Crestron/Cisco	1	
4	Partner Premier for Touch Control device		Poly/Crestron/Cisco	1	
5	USB 2.0, connector type A to C, 5m , USB cable to computing platform. USB 2.0, connector type A to C, 5m.		Poly/Crestron/Cisco	1	
6	Power Kit ,Incl. 100-240V, 0.8A, 56V/30W, IEEE 802.3at compliant mid-span power injector for 10/100/1000 Mbps Ethernet. Ships with 1.8m/6ft power cord with India plug and 2.1m/7ft Ethernet cable.		Poly/Crestron/Cisco	1	
Room Reservation					
1	Room Scheduler	7 in. Room Scheduling Touch Screen, Black Smooth, includes one TSW-770-LB-B-S light bar	Crestron/Extron/Lutron	1	
2	Multisurface Mount Kit	Multisurface Mount Kit for TSW-770 and TSW-1070 Series, Angled, Black Smooth	Crestron/Extron/Lutron	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	12	
2	10' HDMI Patch Cable	10' (3 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	4	
3	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	10	
4	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	5	
5	Audio Cable/Mic Cable	High-quality shielded pair cable designed for routing balanced mono or unbalanced stereo mic or line level audio signals (Qty in Mtrs)	Kramer/Extron/Crestron	50	
6	Speaker Cable	High-quality twisted pair cable designed for connecting speakers and amplifiers in commercial or residential AV systems. (Qty in Mtrs)	Kramer/Extron/Crestron	200	
7	USB 3.0 Active Extension Cable – A Male to Female 15F (4.5 mtr.)		Various/Kramer/Extron	1	
8	USB 3.0 Active Extension Cable – A Male to Female 30F (9.1 mtr.)		Various/Kramer/Extron	1	
9	UTP Cable (Ethernet)	CAT 6 Cable for Controlling and other application (Qty in Mtrs)	D-Link/ Various	200	
10	Shielded Cat 6		D-Link/ Various	50	
11	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	2	

12	Cables and Connectors	Cables & connectors (as required) . These shall include cables required for RGBHV, Svideo , video , audio , microphones, speakers for the functioning of the products installed shall be supplied.	Kramer/Extron/Crestron	1	
Other Item					
1	Wireless Charging Device for mobile	(Wireless Charging) is a built-in table mounted charging spot that enables you to charge your mobile device by simply placing it on the charging spot.	Kramer/Extron/Crestron	19	
2	42U RACK	42U Rack for Mounting all proposed components	-	1	
Installation & Programming					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

Conference Room - 11 Pax					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	85" LED TV		Existing TV Will be Used	1	
Projection of Computer Graphics / Video					
1	Cable Cubby	Flush mount - aluminium anodised tabletop connectivity in a stylish open able flap design with 2 power+4 Slots for cable pulling	Maxtek/Kramer/Crestron	2	
2	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
Control System					
1	Control Processor	To be shared from central processor for HDMI Switching ,lighting	Crestron/Extron	1	
2	IPAD	10.2-inch iPad 9th Gen Wi-Fi 64GB	Apple	1	
3	MD & COO	Wireless access point for B and G, able to have a wider range for maximum coverage.	D-Link/TP-link	1	
4	10 port PoE Managed Switch	10-Port Gigabit PoE Managed Switch	Cisco/Netgear	1	
Lighting & Curtain Control					
1	President & COO			1	
Unified Conference Equipment					
1	4K Video Conf/Collab/Wireless Pres Sys:Touch Cntrl,4K 5x EPTZ auto-track Cam,Codec,Stereo Spkrphone,Wall Mount Kit;Cables:1 HDMI 1.83m,1 CAT5E LAN 4.57m;NTSC/PAL;Pwr: India BIS.		Poly/Crestron/Cisco	1	
2	Partner Premier support		Poly/Crestron/Cisco	1	
3	Power Kit , Incl. 100-240V, 0.8A, 56V/30W, IEEE 802.3at compliant mid-span power injector for 10/100/1000 Mbps Ethernet. Ships with 1.8m/6ft power cord with India plug and 2.1m/7ft Ethernet cable.		Poly/Crestron/Cisco	1	
4	USB 2.0, connector type A to C, 5m.USB cable to computing platform,USB 2.0, connector type A to C, 5m.		Poly/Crestron/Cisco	1	
5	Expansion Microphone: Contains one analog Microphone Array and one 7.6m/25' RJ11 connection type cable.		Poly/Crestron/Cisco	1	
Room Reservation					
1	Room Scheduler	7 in. Room Scheduling Touch Screen, Black Smooth, includes one TSW-770-LB-B-S light bar	Crestron/Extron/Lutron	1	
2	Multisurface Mount Kit	Multisurface Mount Kit for TSW-770 and TSW-1070 Series, Angled, Black Smooth	Crestron/Extron/Lutron	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	6	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
3	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	2	
4	Audio Cable/Mic Cable	High-quality shielded pair cable designed for routing balanced mono or unbalanced stereo mic or line level audio signals (Qty in Mtrs)	Kramer/Extron/Crestron	20	
6	UTP Cable (Ethernet)	CAT 6 Cable for Controlling and other application (Qty in Mtrs)	D-Link/ Various	100	
7	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
8	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

Conference Room - 11 Pax					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	75" LED TV		Existing TV Will be Used	1	
Projection of Computer Graphics / Video					
1	Cable Cubby	Flush mount - aluminium anodised tabletop connectivity in a stylish open able flap design with 2 power+4 Slots for cable pulling	Maxtek/Kramer/Crestron	2	
2	Wireless Presentation	Wireless presentation application: enables secure wireless collaboration in the modern digital workspace. Easy to deploy and manage with security	Barco/Crestron/Extron	1	
3	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
Control System					
1	Control Processor	To be shared from central processor for HDMI Switching, lighting	Crestron/Extron	1	
2	MD & COO	10.2-inch iPad 9th Gen Wi-Fi 64GB	Apple	1	
3	Wireless Access point	Wireless access point for B and G, able to have a wider range for maximum coverage.	D-Link/TP-link	1	
4	10 port PoE Managed Switch	10-Port Gigabit PoE Managed Switch	Cisco/Netgear	1	
Lighting & Curtain Control					
1	Lighting Control			1	
Unified Conference Equipment					
1		Existing Poly GP500 VC Will be use	-		
Room Reservation					
1	Room Scheduler	7 in. Room Scheduling Touch Screen, Black Smooth, includes one TSW-770-LB-B-S light bar	Crestron/Extron/Lutron	1	
2	Multisurface Mount Kit	Multisurface Mount Kit for TSW-770 and TSW-1070 Series, Angled, Black Smooth	Crestron/Extron/Lutron	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	6	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
3	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	2	
4	Audio Cable/Mic Cable	High-quality shielded pair cable designed for routing balanced mono or unbalanced stereo mic or line level audio signals (Qty in Mtrs)	Kramer/Extron/Crestron	20	
6	UTP Cable (Ethernet)	CAT 6 Cable for Controlling and other application (Qty in Mtrs)	D-Link/ Various	100	
7	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
8	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

4 Pax Room					
No	Particular	Specification	Make	Qty	Complinance (Yes/No)
Display system					
1	43" LED TV with WIFI Direct	WIFI Direct Feature inbuilt required for Wireless Presentation	LG/Samsung/Panasonic	1	
Projection of Computer Graphics / Video					
1	Cable Cubby	Flush mount - aluminium anodised tabletop connectivity in a stylish open able flap design with 2 power+4 Slots for cable pulling	Maxtek/Kramer/Crestron	1	
Unified Conference Equipment					
1	BYOD VC Solution with USB Audio/Video Bar, with auto-track 120-deg FOV 4K Camera, Integrated speaker and microphone,monitor clamp included, Cable:		Poly/Crestron/Cisco	1	
2	Partner Premier support		Poly/Crestron/Cisco	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	1	
3	USB 3.0 Active Extension Cable – A Male to Female 15F (4.5 mtr.)		Various	1	
4	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
5	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

4 Pax Room					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	43" LED TV with WIFI Direct	WIFI Direct Feature inbuilt required for Wireless Presentation	LG/Samsung/Panasonic	1	
Projection of Computer Graphics / Video					
1	Cable Cubby	Flush mount - aluminium anodised tabletop connectivity in a stylish open able flap design with 2 power+4 Slots for cable pulling	Maxtek/Kramer/Crestron	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	1	
3	USB 3.0 Active Extension Cable – A Male to Female 15F (4.5 mtr.)		Various	1	
4	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
5	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

6 Pax Room					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	43" LED TV with WIFI Direct	WIFI Direct Feature inbuilt required for Wireless Presentation	LG/Samsung/Panasonic	1	
Projection of Computer Graphics / Video					
1	Cable Cubby	Flush mount - aluminium anodised tabletop connectivity in a stylish open able flap design with 2 power+4 Slots for cable pulling	Maxtek/Kramer/Crestron	1	
2	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
Unified Conference Equipment					
1	BYOD VC Solution with USB Audio/Video Bar, with auto-track 120-deg FOV 4K Camera, Integrated speaker and microphone,monitor clamp included, Cable: 5m USB Type-A to Type-C, Power: India BIS.		Poly/Crestron/Cisco	1	
2	Partner Premier support		Poly/Crestron/Cisco	1	
3	Power Kit , Incl. 100-240V, 0.8A, 56V/30W, IEEE 802.3at compliant mid-span power injector for 10/100/1000 Mbps Ethernet. Ships with 1.8m/6ft power cord with India plug and 2.1m/7ft Ethernet cable.		Poly/Crestron/Cisco	1	
4	USB 2.0, connector type A to C, 5m.USB cable to computing platform,USB 2.0, connector type A to C, 5m.		Poly/Crestron/Cisco	1	
5	Expansion Microphone: Contains one analog Microphone Array and one 7.6m/25' RJ11 connection type cable.		Poly/Crestron/Cisco	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	1	
3	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
4	USB 3.0 Active Extension Cable – A Male to Female 30F (9.1 mtr.)		Various	1	
5	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
6	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

8 Pax Room					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	48" LED TV		Exisitng TV Will be Used	1	
Projection of Computer Graphics / Video					
1	Cable Cubby	Flush mount - aluminium anodised tabletop connectivity in a stylish open able flap design with 2 power+4 Slots for cable pulling	Maxtek/Kramer/Crestron	1	
3	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
Unified Conference Equipment					
1	4K Video Conf/Collab/Wireless Pres Sys:Touch Cntrl,4K 5x EPTZ auto-track Cam,Codec,Stereo Spkrphone,Wall Mount Kit;Cables:1 HDMI 1.83m,1 CAT5E		Poly/Crestron/Cisco	1	
2	Partner Premier Support		Poly/Crestron/Cisco	1	
3	Power Kit , Incl. 100-240V, 0.8A, 56V/30W, IEEE 802.3at compliant mid-span		Poly/Crestron/Cisco	1	
4	USB 2.0, connector type A to C, 5m.USB cable to computing platform,USB 2.0,		Poly/Crestron/Cisco	1	
5	Expansion Microphone: Contains one analog Microphone Array and one		Poly/Crestron/Cisco	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	1	
3	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
4	USB 3.0 Active Extension Cable – A Male to Female 30F (9.1 mtr.)		Various	1	
5	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
6	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

MD					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	75" LED TV	75" UHD / 4K Display with 400 Nits brightness, Smart, Inbuilt Media Player, WebOS, Wifi, WIFI Direct, Screen Share, 3 HDMI, 1 USB, speaker 10W * 2, Web Browser, Crestron connected, Landscape and 3 years warranty	LG/Samsung/Panasonic	1	
AV System					
1	HDMI + USB Face Plate		Kramer / Crestron /Extron	1	
2	Wireless Presentation	Wireless presentation application: enables secure wireless collaboration in the modern digital workspace. Easy to deploy and manage with security	Barco/Crestron/Extron	1	
3	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
4	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurement	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	35' HDMI cable	35' (10 mtr.) , High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
3	HDMI to Multi-		Kramer/Extron/Crestron	1	
4	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

Media Room					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Projection of Computer Graphics / Video					
1	Teleprompter	17" LCD w/ Software Controlled Mirroring, 22' Reading Range, 3" Adjustable Camera Riser Unit, Supports Cameras up to Full-Sized ENG, Sliding Balance Camera Plate, Adjustable Height & Beamsplitter Angle, VGA Input		1	
2	Other Components	mic, tripod, cables, etc.		1	
<u>Installation & Programming</u>					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

PCOO					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
<u>Display system</u>					
1	65" LED TV	65" UHD / 4K Display with 400 Nits brightness, Smart, Inbuilt Media Player, WebOS, Wifi, WIFI Direct, Screen Share, 3 HDMI, 1 USB, speaker 10W * 2, Web Browser, Crestron connected, Landscape and 3 years warranty	LG/Samsung/Panasonic	1	
<u>Projection of Computer Graphics / Video</u>					
1	HDMI + USB Face Plate		Kramer / Crestron /Extron	1	
2	Wireless Presentation	Wireless presentation application: enables secure wireless collaboration in the modern digital workspace. Easy to deploy and manage with security	Barco/Crestron/Extron	1	
3	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
4	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurment	1	
<u>Cables and Connectors</u>					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	35' HDMI cable	35' (10 mtr.) , High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
3	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
4	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
<u>Installation</u>					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

EVP Cabin					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
<u>Display system</u>					
1	43" LED TV with WIFI Direct	WIFI Direct Feature inbuilt required for Wireless Presentation	LG/Samsung/Panasonic	1	
<u>Projection of Computer Graphics / Video</u>					
1	HDMI + USB Face Plate		Kramer / Crestron /Extron	1	
2	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurment	1	
<u>Cables and Connectors</u>					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
3	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
4	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
<u>Installation</u>					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

EVP Cabin					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	43" LED TV with WIFI Direct	WIFI Direct Feature inbuilt required for Wireless Presentation	LG/Samsung/Panasonic	1	
Projection of Computer Graphics / Video					
1	HDMI + USB Face Plate		Kramer / Crestron /Extron	1	
Unified Conference Equipment					
1	BYOD VC Solution with USB Audio/Video Bar, with auto-track 120-deg FOV 4K Camera, Integrated speaker and microphone,monitor clamp included, Cable:		Poly/Crestron/Cisco	1	
2	Partner Premier support		Poly/Crestron/Cisco	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
3	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
4	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

SVP Cabin					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
<u>Display system</u>					
1	43" LED TV with WIFI Direct	WIFI Direct Feature inbuilt required for Wireless Presentation	LG/Samsung/Panasonic	1	
<u>Projection of Computer Graphics / Video</u>					
1	HDMI Face Plate	HDMI Passive Wall Plate below TV at skirting level.	Kramer/Extron/Crestron	1	
2	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurement	1	
<u>Cables and Connectors</u>					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	35' HDMI cable	35' (10 mtr.), High Speed HDMI™ Cable with Ethernet, Resolution: 4K@60Hz	Kramer/Extron/Crestron	1	
3	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
4	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
<u>Installation</u>					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

Executive Dining					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
<u>Display system</u>					
1	65" LED TV		LG/Samsung/Panasonic	1	
<u>Projection of Computer Graphics / Video</u>					
1	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurement	1	
<u>Cable</u>					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	1	
<u>Installation</u>					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

Reception					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
<u>Display system</u>					
1	49" Video Wall TV	49" Video Wall, 450 Nits, 3.5 mm B to B, WebOs, SOC	LG/Samsung/Panasonic	6	
2	Push In Push Out Videowall Bracket		Custom	6	
<u>Projection of Computer Graphics / Video</u>					
1	1x2 HDMI Splitter	Splits one 4K HDMI source to two separate outputs.	Crestron/Extron/Kramer	1	
2	1x8 4K HDMI Splitter	Splits one 4K HDMI source to eight separate outputs.	Crestron/Extron/Kramer	1	
3	Digital Signage	Brightsign Media Player-H.265, Full HD, Entry-Level HTML5 Player	Brightsign	1	
<u>Cables and Connectors</u>					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	2	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	6	
<u>Installation & Programming</u>					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
Total					

Training Room					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
1	Laser Projector of 6,200 lumens	Up to 6,200 lumens of equal Color and White Brightness1 Full HD WUXGA support; accepts 4K signal Virtually maintenance-free 20,000-hour laser light source3 Display from 50" to 500" diagonal (16:10) or ultra wide (16:6) Built-in tools for simplified installation	Epson/Panasonic/Sony	1	
2	Projection Motorised Screen (16:9 Ratio)	Motorised imported screen (120" diagonal) with black border and tubular motor driving device with less noise and smooth fuctioning. Actual viewing area shall be 59" H X 104" W with Remote.	Remaco/Da-lite	1	
3	Fixed mount projector kit	Fixed mount projector kit for a projector support unit (PSU), cradle or spider, which is the part that attaches to the end of the pole to support the projector.	Precision/Coustom	1	
Projection of Computer Graphics / Video					
1	HDMI + USB Face Plate		Kramer / Crestron	1	
3	4x1 4K HDMI Switcher	4K switcher with four HDMI inputs and one HDMI outputs, advanced EDID management, QuickSwitch HD technology, and native Crestron control via Ethernet.	Crestron/Extron/Lightware	1	
Sound System					
1	Headworn Mic	SITC of wireless head worn microphone of Frequency range: 470 - 937,5 MHz; THD, total harmonic distortion: ≤ 0.9 %; Signal-to-noise ratio: ≥ 110 dBA; Switching bandwidth: up to 42 MHz ;Peak deviation: ±48 kHz ; Nominal deviation: ±24 kHz ;Modulation: Wideband FM; Current consumption:300 mA; Adjacent channel rejection: Typically ≥ 65 dB ;Intermodulation attenuation: Typically ≥ 65 dB; Receiving frequency: Max. 1680 receiving frequencies, adjustable in 25 kHz steps 20 frequency banks, each with up to 12 factory-preset channels, no intermodulation 1 frequency bank with up to 12 programmable channels; RF sensitivity:< 2.5 µV for 52 dBA Receiver Principle: True diversity; Blocking: ≥ 70 dB; OEM should have authorized service centre in India	Sennheiser/Shure	1	
2	Podium Mic Gooseneck Microphone	Supplyong and providing of pre-polarized condenser gooseneck microphone with an overall length of minimum 450 mm and with XLR3M-type connector at its base, which shall offer radio frequency interference (RFI) shielding against intermodulation from wireless equipment or devices It shall have a microphone capsule with a cardioid polar pattern with uniform 120° angle of acceptance (or better). It shall have a frequency response of 50 Hz to 17,000 Hz (or better) and be capable of handling sound input levels up to 130 dB SPL Output shall be low impedance balanced (< 100 Ω) The item should also include wired table stand for Gooseneck microphone.	Sennheiser/Shure	1	
3	Wireless Handheld Microphone	Wireless Handheld Microphone	Sennheise/Shure	2	
4	Digital Sound Processor	128x128 Network Audio Channels ,16x16 USB Audio Channels , 24 Channels of Total Analog Audio , 8 Configurable Flex Channels , 16x16 GPIO Logic Ports, 16 Channels of Routable AEC, Dante , Multiple Instance VoIP Lines, Single POTS Telephone line	QSC/Biamp/Bose	1	
5	Six-channel Amplifier	A powerful and cost-effective HD and UltraHD PTZ camera with 30x zoom, 3G-SDI, HDMI and IP streaming.	Crestron/Crown/QSC	1	
6	Speaker	Effective frequency range: 52 Hz – 20 kHz. Rated noise power / voltage: 80W / 25.3 V (rms),Broad-band sensitivity: 89 dB SPL..	QSC/Xilica/Bose	6	
Control System					
1	Control Processor	To be shared from cerntal processor for HDMI Switching ,lighting control,DSP Control	Crestron/Extron	1	
2	Power Sequencer and Controller		APC/Furman	1	
	Wall mount Touch Panel with Wall Mount Kit	Wall Mount Touch Screen(10.1"), A stylish and versatile wall mount touch screen featuring web browsing, HTML5 and Smart Graphics software technology, custom programmable icons, Wi Fi network connectivity, and PoE+ (Power over Ethernet Plus) network power. Built in applications are provided for room scheduling, conferencing, and home control.	Crestron/Extron		
3	10 port PoE Managed Switch	10-Port Gigabit PoE Managed Switch	Cisco/Netgear	1	
Lighting & Curtain Control					
1	Lighting and Curtain Control			1	
Unified Conference Equipment					
1	PTZ Camera	A powerful and cost-effective HD and UltraHD PTZ camera with 30x zoom, 3G-SDI, HDMI and IP streaming. Supports 4K UHD at 30fps and 1080P at 60fps Powerful 30x optical zoom, with 68 degrees horizontal field of view at its widest setting Easy installation: delivers video output via Ethernet, HDMI, and 3G-SDI simultaneously Excellent support:	Lumens/Sony/Aver	1	
2	USB Converter	USB Converter with HDMI® and Analog Audio Input	Crestron/Extron	1	
3	HDMI Receiver	DM Lite – HDMI® over CATx Receiver, Surface Mount	Crestron/Extron	2	
4	HDMI Transmitter	DM Lite – HDMI® over CATx Transmitter, Surface Mount	Crestron/Extron	2	

5	Ceiling Mount Kit for Camera		Crestron/Extron	1	
6	Usb Hub		Various	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	8	
2	15' HDMI Patch Cable	15' (5 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	1	
3	Audio Cable/Mic Cable	High-quality shielded pair cable designed for routing balanced mono or unbalanced stereo mic or line level audio signals (Qty in Mtrs)	Kramer/Extron/Crestron	50	
4	Speaker Cable	High-quality twisted pair cable designed for connecting speakers and amplifiers in commercial or residential AV systems. (Qty in Mtrs)	Kramer/Extron/Crestron	200	
5	USB 3.0 Active Extension Cable – A Male to Female 15F (4.5 mtr.)		Various	1	
6	UTP Cable (Ethernet)	CAT 6 Cable for Controlling and other application (Qty in Mtrs)	D-Link/ Various	100	
6	HDMI to Multi-Format Adapter Ring Kit - 4 Adapters		Kramer/Extron/Crestron	1	
7	Cables and Connectors	Cables & connectors (as required) . These shall include cables required for RGBHV, Svideo , video , audio , microphones, speakers for the functioning of the products installed shall be supplied.	Kramer/Extron/Crestron	1	
Installation & Programming					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

Townhall					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Business Requirement					
	Broadcasting of Top management speech	Town Hall will be used by Top Management for addressing all employees on-premise and far end. The broadcasting should be done on TV sets installed in Common Areas also over teams for far end users.			
Display system					
1	Laser Projector of 6,200 lumens	Up to 6,200 lumens of equal Color and White Brightness1 Full HD WUXGA support; accepts 4K signal Virtually maintenance-free 20,000-hour laser light source3 Display from 50" to 500" diagonal (16:10) or ultra wide (16:6) Built-in tools for simplified installation	Epson/Panasonic/Sony	1	
2	Projection Motorised Screen (16:9 Ratio)	Motorised imported screen (120" diagonal) with black border and tubular motor driving device with less noise and smooth functioning. Actual viewing area shall be 59" H X 104" W with Remote.	Remaco/Da-lite	1	
3	Fixed mount projector kit	Fixed mount projector kit for a projector support unit (PSU), cradle or spider, which is the part that attaches to the end of the pole to support the projector.	Precision/Coustom	1	
4	65" LED TV	65" UHD / 4K Display with 400 Nits brightness, Smart, Inbuilt Media Player, WebOS, Wifi, WIFI Direct Screen Share, 3 HDMI, 1 USB, speaker 10W * 2, Web Browser, Crestron connected, Landscape and 3 years warranty	LG/Samsung/Panasonic	4	
Projection of Computer Graphics / Video					
1	HDMI + USB Face Plate		Kramer / Crestron / Extron	1	
3	IPbaseT Receiver	DM NVX® 4K60 4:4:4 HDR Network AV Decoder	Crestron/Extron/Lightware	7	
4	IPbaseT Transmitter	DM NVX® 4K60 4:4:4 HDR Network AV Encoder	Crestron/Extron/Lightware	3	
5	Power Supply for NVX	Wall Mount Power Pack, 24 VDC, 1.25 A, 2.1 mm, Universal	Crestron/Extron/Lightware	10	
6	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurement	1	
Sound System					
1	Wireless Handheld Microphone	Wireless Handheld Microphone	Sennheiser / Shure	2	
2	Six-channel Amplifier	6 channel amplifier, output is capable of 50 Watts/Ch. @ 8Ω or 75 Watts/Ch. @ 4Ω, output may be bridged to deliver a robust 150 Watts @ 8Ω in mono to drive an in-wall subwoofer, or to deliver increased power in stereo using two bridged room outputs paired together	Crestron/Crown/QSC	1	
3	Digital Sound Processor	128x128 Network Audio Channels ,16x16 USB Audio Channels , 24 Channels of Total Analog Audio , 8 Configurable Flex Channels , 16x16 GPIO Logic Ports, 16 Channels of Routable AEC, Dante , Multiple Instance VoIP Lines, Single POTS Telephone line	QSC / Biamp/Bose	1	
4	Ceiling Speaker	4" (100 mm), 8 ohm 20 watt ceiling speaker for background music systems as well as vocal range reproduction. 6W Transformer for use on 70V / 100V Distributed Lines.	JBL /Bose/QSC	12	
Control System					
1	Control Processor	To be shared from central processor for HDMI Switching ,lighting control and UC control	Crestron/Extron	1	
3	Wireless Access point	Wireless access point for B and G, able to have a wider range for maximum coverage.	D-Link/TP-Link	1	
4	Power Sequencer and Controller		APC/Furman	1	
5	28 port PoE Managed Switch	28-Port Gigabit PoE Managed Switch, 28 ports - L3 – Managed, 24 x 10/100/1000 (PoE+) + 2 x combo Gigabit SFP + 2 x Gigabit SFP.	Cisco/Netgear	1	
6	Relay Control for Motor Control.	DIN Rail High-Voltage Switch with Digital Inputs	Crestron/Extron/Kramer	1	
Unified Conference Equipment					
1	PTZ Camera	A powerful and cost-effective HD and UltraHD PTZ camera with 30x zoom, 3G-SDI, HDMI and IP streaming. Supports 4K UHD at 30fps and 1080P at 60fps Powerful 30x optical zoom, with 68 degrees horizontal field of view at its widest setting Easy installation: delivers video output via Ethernet, HDMI, and 3G-SDI simultaneously Excellent support: 5 year warranty as standard	Lumens/Sony/Aver	1	
2	USB Converter	USB Converter with HDMI® and Analog Audio Input	Crestron/Extron	1	
3	HDMI Receiver	DM Lite – HDMI® over CATx Receiver, Surface Mount	Crestron/Extron	1	
4	HDMI Transmitter	DM Lite – HDMI® over CATx Transmitter, Surface Mount	Crestron/Extron	1	
5	Ceiling Mount Kit for Camera			1	
6	Usb Hub		Various	1	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Extron/Crestron	14	
2	Audio Cable/Mic Cable	High-quality shielded pair cable designed for routing balanced mono or unbalanced stereo mic or line level audio signals (Qty in Mtrs)	Kramer/Extron/Crestron	50	
3	Speaker Cable	High-quality twisted pair cable designed for connecting speakers and amplifiers in commercial or residential AV systems. (Qty in Mtrs)	Kramer/Extron/Crestron	500	

4	UTP Cable (Ethernet)	CAT 6 Cable for Controlling and other application (Qty in Mtrs)	D-Link/ Various	300	
6	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Extron/Crestron	1	
Installation & Programming					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

Cafeteria					
No	Particular	Specification	Make	Qty	Compliance (Yes/No)
Display system					
4	65" LED TV	65" UHD / 4K Display with 400 Nits brightness, Smart, Inbuilt Media Player, WebOS, Wifi, Screen Share, 3 HDMI, 1 USB, speaker 10W * 2, Web Browser, Crestron connected, Landscape and 3 years warranty	LG/Samsung/Panasonic	3	
Projection of Computer Graphics / Video					
1	HDMI Face Plate	HDMI Passive Wall Plate below TV at skirting level.	Crestron/Extron	1	
2	1x4 4K HDMI Splitter	Splits one 4K HDMI source to four separate outputs.	Crestron/Extron/Kramer	1	
2	Satellite TV	Satellite TV for channels viewing. The cable should be terminated up to the equipment and made operational.	Client Procurement	3	
Sound System					
1	Wireless Handheld Microphone	Wireless Handheld Microphone	Sennheiser/Shure	1	
2	Mixer Amplifier	These Plena Economy mixer amplifiers are professional public address units with modern state-of-the-art features, 120 W, 4-mic. and , Dimensions (H x W x D) 100 x 430 x 270 mm, Weight Approx. 8.9 kg, Power consumption 400W.	Bosch/Studiomaster/Yamaha	1	
3	Line Array Column Loudspeaker	Patent-pending Constant Beamwidth Technology™ provides constant directivity up to the highest frequencies and reduces out-of-coverage lobing. Switchable voicing provides flat response in music mode or mid-range presence peak in speech mode. Dynamic SonicGuard™ overload protection Built-in 70V/100V transformer, plus 8 ohm direct capability. Swivel (pan) / tilt wall bracket included.	JBL/Bose/QSC	6	
Cables and Connectors					
1	6' HDMI Patch Cable	6' (1.8 mtr.) HDMI cables are high-performance cables with molded HDMI connectors at both ends.	Kramer/Crestron/Extron	6	
2	Audio Cable/Mic Cable	High-quality shielded pair cable designed for routing balanced mono or unbalanced stereo mic or line level audio signals (Qty in Mtrs)	Kramer/Crestron/Extron	50	
3	Speaker Cable	High-quality twisted pair cable designed for connecting speakers and amplifiers in commercial or residential AV systems. (Qty in Mtrs)	Kramer/Crestron/Extron	200	
4	UTP Cable (Ethernet)	CAT 6 Cable for Controlling and other application (Qty in Mtrs)	D-Link/ Various	150	
6	Cables and Connectors	Cables & connectors (as required) . These shall include cables & connectors required for video, audio, microphones, speakers, network, USB etc. for the functioning of the products installed.	Kramer/Crestron/Extron	1	
Installation & Programming					
1	Installation	Installation for the above equipments. This shall include cabling in the conduits provided by the electricians, installing of all the AV equipments, with proper cabling with wire ties to be incorporated in the rack.	AVSI	1	
2	Programming	Programming - Complete systems integration programming of touch panel and processor with customer logo, etc.. Tailor made as per client need and equipments to be controlled. Also DSP - Digital sound processors if any would be programmed for optimal sound output.	AVSI	1	
Total					

Lighting & Curtain Control FULL OFFICE Solution			
No	Specification	Qty	Approved Make
1	Supply and installation of Dual Link Athena processor capable of connecting to wireless and wired devices of Lutron with inbuilt BACnet connection and lighting designer App with power supply.	1	Lutron/Crestron
2	Supply and Installation of DALI Module capable of handling 2 links of DALI and each link shall have capability of 64 addresses and 64 groups.	8	Lutron/Crestron
3	Supply and Installation of 5A each 4 channel switchign module.	0	Lutron/Crestron
4	Supply and installation of Wireless sensor module receiving data from wireless devices of 865 MHz in white.	18	Lutron/Crestron
5	SITC of Wireless Occupancy/Vacancy Sensor for rooms with a frequency of 865 MHz, Ceiling mount, infrared, 37.2 sq m (400 sq ft), battery-powered, 102 mm (4.0 in) diameter.	132	Lutron/Crestron
6	SITC of Wireless Occupancy/Vacancy Sensor for rooms with a frequency of 865 MHz, Ceiling/Wall mount, infrared, HALLWAY DETECTION type, battery-powered, 102 mm (4.0 in) diameter, white .	30	Lutron/Crestron
7	Supply Installation of Wireless personalised control WALL MOUNTED Keypad with a WPC approved frequency of 865 Mhz, 3 button + R/L 2 Group On/Off Scene Keypad with guranteed 10 year battery life along with necessary fixing arrangements and programming at site etc, complete as required.	32	Lutron/Crestron
8	Supply Installation of Wireless personalised control WALL MOUNTED Keypad with a WPC approved frequency of 865 Mhz, 4 button + 3 button & Raise / Lower Scene and zone Keypads with guranteed 10 year battery life along with necessary fixing arrangements and programming at site etc.	7	Lutron/Crestron
9	Supply and installation of 7 button PALLADIOM series keypads for VIP spaces .Keypad shall have large tactile touch buttons with engravings for easy understnading of controls and soft backlit auto adjustable as per ambient light in Matte White finish.	6	Lutron/Crestron
10	Supply and installation of 4 button PALLADIOM series keypads for VIP spaces .Keypad shall have large tactile touch buttons with engravings for easy understnading of controls and soft backlit auto adjustable as per ambient light in Matte White finish.	3	Lutron/Crestron
11	Supply and Installation of DB of MS powder coated enclosure	4	Lutron/Crestron
12	Supply of Lutron QS cable for communication wih Lutron wired devices to processor.	350	Lutron/Crestron
13	Commissioning and programming of complete system	1	Lutron/Crestron
TOTAL FOR LMS			
14	Supply Installation of Low Voltage DC Addressable Roller Shade Motor (Considering individual motor per 2/3/4 roller shades),Noise level should be less than 38 dBA at 3 feet,Maximum fabric coverage should be 100 Sq ft.Motors in the same window façade should move in unison using Intelligent Hembar allignment technology, Seamless integration to lighting management system without use of interfaces. Include Individual power supply 24V outlet and supply power draw units to EDU (DOES NOT INCLUDE FABRIC) Motor shall be connected with QS link to Athena Proc.	9	Lutron/Crestron
TOTAL FOR STANDALONE WIRELESS CONNECTION MOTORISED BLINDS			