

Annexure: K >>List of equipments for Preventive Maintenance				
Sl. No	Descriptions	Model	Make	Qty.
Main Auditorium				
1	Main FOH Left & Right line array speakers 40Deg vertical with brackets	RM 12040	BOSE	1
2	Left & Right line array speakers 40Deg vertical with brackets	RM 12040	BOSE	1
3	Main FOH centre Line Array 110Deg with brackets	RM9040	BOSE	1
4	Sub woofer 800W	RMS 215	BOSE	2
5	Front fill speakers 100deg 60W	RMU 105	BOSE	4
6	Stage monitor speakers 200W	PARARAY 620M	BOSE	4
7	Left & Right surround speakers	RMU 108	BOSE	8
8	Left & Right rear surround speakers	RMU 208	BOSE	4
9	Main FOH loudspeakers 16W	Freespace DS 16S	BOSE	4
10	Digital sound processor with 12 inputs	CONTROL SPACE ESP1240	BOSE	1
11	Master controller with power supply	CONTROL SPACE CC64 +CC-PS1	BOSE	1
12	Digital class D power amplifier 500W	PM8500 +ESP LINK cards	BOSE	4
13	Digital class D power amplifier 2 X 50W	Freespace IZA 250 LZ	BOSE	1
14	Dolby 7.1 Receiver	SR5011	MARANTZ	1
15	Mixer 32 channel	MGP32X	YAMAHA	1
16	Handheld Wired microphone	TGV 50d	BEYERDYNAMIC	6
17	Handheld Wireless UHF microphone	TG550	BEYERDYNAMIC	6
18	Lapel Wireless UHF microphone	TG558	BEYERDYNAMIC	6
19	Antenna Splitter system	AS/6/2 & WA/ATO	BEYERDYNAMIC	3
20	Gooseneck Microphone	GM105 +GMB33S	BEYERDYNAMIC	1
21	Small /Big size tripod EXT boom stand	K&M 21090-300-50	K&M	4
22	Small /Big size tripod Low level stand	K&M 25900-300-50	K&M	2
23	3 chip DLP projector 12000 Lumens with bracket	WU14K-M+Lens ILS4.5-7.3SX +4.1-6.9HD (118-100115-01)	CHRISTIE	1
24	Motorised screen 220"	ACV(140077)	DRAPER	1
25	LCD/DLP Projector 4500 Lumens	DW630-GS	CHRISTIE	1
26	Motorised Lift	-	DRAPER	1
27	Main curtain with motor mechanism 17M x 6M			1
28	Front curtain with motor mechanism 14M x 6M			1
29	Cyclorama screen 10M x 5M			1
30	P/T/Z CAMERA 12x12x2.1 Mpixel	SRG-300H	SONY	2
31	3 axis Joystick controller for P/T/Z camera	RM-BR300/RMIP-10	SONY	1
32	46" LED monitor	ED48	SAMSUNG	1
33	Desktop visualizer	PS752	LUMENS	1
34	Integrated podium with computer DELL- MICROSOFT WINDOWS 11 PRO, Microsoft Office-2019	CUSTOMISED	CUSTOMISED	1
35	CATx cable 4 I/P TRANSMITTER	SID-2XN	KRAMER	4
36	CATx cable 4 I/P RECEIVER	TP-560R	KRAMER	3
37	Digital modular switcher with below modules	VS1616D	KRAMER	1
38	MODULES	HDBT-IN2-F16	KRAMER	2
39	MODULES	HH-IN2-F16	KRAMER	3
40	MODULES	HDBT-OUT2-F16	KRAMER	2
41	MODULES	HAA-OUT2-F16	KRAMER	4

42	Touch panel control system	SL-12 + K-touch ADVANTAGE	KRAMER	1
43	above with iPad + charger	iPAD AIR	Apple	1
44	wifi router ceiling mount 300ft +PoE		Cisco/Ubiquity	1
45	Wireless Presenter Unit	VIA Connect PRO	KRAMER	1
46	Streaming server unit 80GB	SMP851, 80GB	EXTRON	1
47	HDMI Patch card routing (20 Nos)	C-HM/HM-6	KRAMER	14
48	19" 32u Rack	32U 2 nos.	Valrack	1
49	All-in-one PC with Windows 11 Pro, keyboard, Mouse, Microsoft Word, Anti virus software	32U	HP400 G4 A10 23.6" (3DQ47AY)	1
Sl. No	Stage Light systems: Fittings in Main auditorium	Model	Qty	
50	1000 Watts Halogen Planoconvex spot light	Modern stage services SH-35H	12 Nos	
51	LED Profile light	Modern stage services MODERN-LED100Z	10 Nos	
52	LED Fresnel Light	Modern stage services SAPPHIRE-LED100	10 Nos	
53	1000Watts, 240 Volt, PAR sealed Beam Light	Modern stage services MODERN-220	14 Nos	
54	LED PAR Light	Modern stage services LED- 354	12 Nos	
55	LED Long BAR light	Modern stage services BAR- 336	6 Nos	
56	Moving Head	Modern stage services BEAM280	6 Nos	
57	DMX Splitter	Modern stage services DMX SPL-8	1 Nos	
58	24Ch x 4KW Electronic Dimmer	Modern stage services WM-24	2 Nos	
59	24/48 control panel	Modern State Services- King Kong 1024	1 Nos	

	Descriptions	Model	Make	Qty.
SEMINAR HALL (Auditorium Building)				
60	LCD/DLP Projector 4800 Lumens with Bracket	VPL-FW60	SONY	1
61	Motorised Projector screen 130"	116404U	DRAPER TARGA	1
62	Integrated podium with computer DELL- MICROSOFT WINDOWS 11 PRO, Microsft Office-2019	CUSTOMISED	CUSTOMISED	1
63	Gooseneck Microphone	GM105 +GMB33S	BEYERDYNAMIC	1
64	7 I/P DIGITAL Scaler/Switcher unit	VP-734 +ADC+DPM/GF+VP-426 (X2 NOS)	KRAMER	1
65	CATx cable 4 I/P RECEIVER	TP-560R	KRAMER	1
66	Touch panel control system	SL-12 + K-touch ADVANTAGE	KRAMER	1
67	above with iPad + charger	iPAD AIR	Apple	1
68	Main FOH LOUDSPEAKER 60w	Freespace DS 16S	BOSE	2
69	Mixer 4 I/P + Power Amplifier channel	DXA2120	BOSE	1
70	Handheld Wireless UHF microphone	TG550	BEYERDYNAMIC	1
71	Receiver Unit with antenna		BEYERDYNAMIC	2
72	Lapel Wireless UHF microphone	TG558	BEYERDYNAMIC	1
73	HDMI Patch card routing	C-HM/HM-6 6 Nos.	KRAMER	4
74	19" 12u Rack	32U	Valrack	1
Descriptions				
LOBBY AREA (Auditorium Building)				
75	84" LED DISPLAY	QM85D	SAMSUNG	2
76	Ceiling speakers	Freespace DS 16S	BOSE	30
77	Amplifier 250W, 4 channels Digital class D Amplifer	PM4250	BOSE	1
78	Mixer 2 channel + 1 stereo	ZED6FX	Allen & Heath	1
79	19" Rack	9U	Valrack	1
138	Anti virus software	Quickheal		
Descriptions				
CONFERENCE ROOM (Auditorium Building)				
80	Data Projector	EB-UO5	Epson	1
81	6' X 4' WHITE retractable screen for above	local		1
82	Audio system with wireless microphones 2nos.	local		1
Descriptions				
SEMINAR HALL (Main Building)				
83	Data Projector	EB-UO5	Epson	2
84	6' X 4' WHITE retractable screen for above	local		2
85	All-in-one PC with Windows 11 Pro, keyboard, Mouse, Microsft Office-2019, Anti virus software	Lenova	Lenova	1
86	Audio system with wireless microphones 2nos.	local		1
87	P/T/Z cameras for students, lecturer tracking for recording with OEM supplied software for web conferencing 2nos.	BR-V-C2DHX	BRONX	1
88	Ceiling Microphone	M-702C	BRONX	2
89	Streaming Switcher	Mini	RGBlink	1

	Descriptions	Model	Make	Qty.
	COMMITTEE ROOM (Main Building)			
90	Data Projector	SONY VPL-DW120	Sony	1
91	6' X 4' WHITE retractable screen for above	local		1
	COUNCIL ROOM (Main Building)			
148	Data Projector	ACER-X113PH	ACER	
149	6' X 4' WHITE retractable screen for above			
150	Video Conferencing system			
92	Audio system with wireless microphones 2nos.	local		1
	Descriptions	Model	Make	Qty.
	Ph.D CLASS ROOM (Main Building)			
93	Ultra short throw Data Projector	EPSON 1470Ui	Epson	1
94	Integrated Digital podium with builtin PC + MICROSOFT WINDOWS 11 PRO, Office-2019 + Mixer + DSP amplifier + Switcher & Lapel (1) Hand held (1) Gooseneck (1) microphones	CUSTOMISED	Peoplelink	1
95	P/T/Z cameras for students, lecturer tracking for classroom recording with OEM supplied software for web conferencing	CUSTOMISED	Peoplelink Icam-whd-1080 10x usb	1
96	P/T/Z cameras for students, lecturer tracking for recording with OEM supplied software for web conferencing 2nos.	BR-V012XH	BRONX	1
97	Ceiling Microphone		BRONX	2
98	Streaming Switcher	Mini	RGBlink	1
99	Streaming Server/MP-4/H.264Video Conferencing Media Encoder	VS-LC200	Lumens	1
	Descriptions	Model	Make	Qty.
	LOBBY AREA (Main Building)			
100	247cm Large Format Display(non Touch)		Aero Digital	1
	Note: Any equipment/device/wiring/panel etc. which is not indicated in the equipment list as per annex-K and annex-L, but forms part of the overall system, shall be deemed to be included in the scope of work. The contractor should physically inspect the entire systems which are to be covered under contract before quoting their rates			

Annexure: L >>List of equipments for Comprehensive Maintenance					
Sl. No	Descriptions	Model	Make	Qty.	S/N NO
Main Auditorium					
1	Digital sound processor with 12 inputs	CONTROL SPACE ESP1240	BOSE	1	1240064891 Z73240181AE
2	Master controller with power supply	CONTROL SPACE CC64 +CC-PS1	BOSE	1	
3	Digital class D power amplifier 500W	PM8500 +ESP LINK cards	BOSE	4	05988F7312 0053AE
4	Digital class D power amplifier 2 X 50W	Freespace IZA 250 LZ	BOSE	1	
5	Dolby 7.1 Receiver	SR5011	MARANTZ	1	36001638002367
6	Mixer 32 channel	MGP32X	YAMAHA	1	ECXY01120
7	Antenna Splitter system	AS/6/2 & WA/ATO	BEYERDYNAMIC	3	1124
8	Gooseneck Microphone	GM105 +GMB33S	BEYERDYNAMIC	1	
9	3 chip DLP projector 12000 Lumens with bracket	WU14K-M+Lens ILS4.5-7.3SX +4.1-6.9HD (118-100115-01)	CHRISTIE	1	3667723B02036
10	Motorised screen 220"	ACV(140077)	DRAPER	1	
11	LCD/DLP Projector 4500 Lumens	DW630-GS	CHRISTIE	1	FWU1815021
12	Motorised Lift	-	DRAPER	1	
13	Cyclorama screen 10M x 5M			1	
14	P/T/Z CAMERA 12x12x2.1 Mpixel	SRG-300H	SONY	2	
15	3 axis Joystick controller for P/T/Z camera	RM-BR300/RMIP-10	SONY	1	1401568
16	46" LED monitor	ED48	SAMSUNG	1	
17	Desktop visualizer	PS752	LUMENS	1	P11A05088
18	CATx cable 4 I/P TRANSMITTER	SID-2XN	KRAMER	4	
19	CATx cable 4 I/P RECEIVER	TP-560R	KRAMER	3	
20	Digital modular switcher with below modules	VS1616D	KRAMER	1	3160133700001
21	MODULES	HDBT-IN2-F16	KRAMER	2	
22	MODULES	HH-IN2-F16	KRAMER	3	
23	MODULES	HDBT-OUT2-F16	KRAMER	2	
24	MODULES	HAA-OUT2-F16	KRAMER	4	
25	Touch panel control system	SL-12 + K-touch ADVANTAGE	KRAMER	1	1170078300064
26	above with iPad + charger	iPAD AIR	Apple	1	
27	wifi router ceiling mount 300ft +PoE		Cisco/Ubiquity	1	
28	Wireless Presenter Unit	VIA Connect PRO	KRAMER	1	11170009100252
29	Streaming server unit 80GB	SMP851, 80GB	EXTRON	1	A1UTUCNE31961
30	HDMI Patch card routing (20 Nos)	C-HM/HM-6	KRAMER	14	XXX
SEMINAR HALL (Auditorium Building)					
31	LCD/DLP Projector 4800 Lumens with Bracket	VPL-FW60	SONY	1	5000239
32	Motorised Projector screen 130"	116404U	DRAPER TARGA	1	
33	Gooseneck Microphone	GM105 +GMB33S	BEYERDYNAMIC	1	
34	7 I/P DIGITAL Scaler/Switcher unit	VP-734 +ADC+DPM/GF+VP-426 (X2 NOS)	KRAMER	1	
35	CATx cable 4 I/P RECEIVER	TP-560R	KRAMER	1	
36	Touch panel control system	SL-12 + K-touch ADVANTAGE	KRAMER	1	

37	above with iPad + charger	iPAD AIR	Apple	1	
	LOBBY AREA (Auditorium Building)	Model	Make	Qty.	S/N NO
38	84" LED DISPLAY	QM85D	SAMSUNG	2	
39	Amplifier 250W, 4 channels Digital class D Amplifier	PM4250	BOSE	1	
40	Mixer 2 channel + 1 stereo	ZED6FX	Allen & Heath	1	
138	Anti virus software	Quickheal			
	CONFERENCE ROOM (Auditorium Building)	Model	Make	Qty.	S/N NO
41	Data Projector	EB-UO5	Epson	1	X4HD9400082
42	Audio system with wireless microphones 2nos.	local		1	
	SEMINAR HALL (Main Building)	Model	Make	Qty.	S/N NO
43	Data Projector	EB-UO5	Epson	2	X4HD9400140
44	Audio system with wireless microphones 2nos.	local		1	
	COMMITTEE ROOM (Main Building)	Model	Make	Qty.	S/N NO
45	Data Projector	SONY VPL-DW120	Sony	1	7100252
	COUNCIL ROOM (Main Building)	Model	Make	Qty.	S/N NO
46	Data Projector	ACER-X113PH	ACER		
47	Video Conferencing system				
48	Audio system with wireless microphones 2nos.	local		1	
	Ph.D CLASS ROOM (Main Building)	Model	Make	Qty.	S/N NO
	Note: Any equipment/device/wiring/panel etc. which is not indicated in the equipment list as per annex-K and annex- L, but forms part of the overall system, shall be deemed to be included in the scope of work. The contractor should physically inspect the entire systems which are to be covered under contract before quoting their rates				