Annexure- B

S. No.	Item	Compliance (Yes/No)	Deviation (Attach OEM Datasheet)
Request of proposal for Procurement of Installation for up-gradation of Audio-Visual arrangement in NAMS Auditorium				

S. No.	Item	Compliance (Yes/No)	Deviation (Attach OEM Datasheet)
B. SITC of Upgradation of Audio-Visual Arrangement for Auditorium			
1.	**Supply Installation Testing and Commissioning of Dual Channel Wireless Handheld Microphone with Stand (Qty – 2) (Indicate Make/Model _____):** Up to 12 compatible systems per frequency band (region dependent), Microprocessor-controlled internal antenna diversity, One-touch Quick Scan frequency selection quickly locates the best frequency, 1/4" and XLR audio outputs, two color audio status indicator LED, Operating Range: 300 ft (91 m) line of sight (actual range depends on RF signal absorption, reflection and interference), Audio Frequency Response: 50–15,000 Hz (dependent on microphone type), Transmitter RF Output Power: 10 mW, typical (varies by region), Audio Output Connector: XLR and 1/4" (6.35 mm) unbalanced, Maximum Output Level: -27 dBV (XLR, mic level), -13 dBV (1/4"), Dynamic Range: 100 dB A-weighted, System Distortion: 0.5% THD typical (ref. +/- 33 kHz deviation, 1 kHz tone)		
2.	**Supply Installation Testing and Commissioning of 12x Zoom Full HD PTZ Camera (Qty – 2) (Indicate Make/Model _____):** Video system: Common resolutions & frame rates from 720p/25 to 1080p/60, Pan tilt angle: Pan: ±170°, Tilt: -30° to +90° or better, Sensor:1/2.7 Inch, CMOS, effective pixel: 2.07M, Lens :12X, F3.5MM – 42.3MM, F1.8 – F2.8 or better, Shutter:1/30S – 1/10000S, Number of Presets: 250 or better, Angle of view: Horizontal 72.5° – 6.9° Vertical 44.8° – 3.9°, Rotation range: Horizontal: ±170°, Vertical: -30° – +90°, Speed range: Pan: 1.7° – 100°/S, Tilt: 1.7° – 69.9°/S, HD output :1 X HDMI: Version 1.3, Network interface:1 X RJ45: 10M/100M Adaptive Ethernet Port, Audio inputs :1-CH 3.5MM Audio Interface Line IN USB :1 X USB3.0: Type B female JACK 1 X USB2.0, Communication :1 X RS-232 IN: 8-PIN Min Din, Max Distance: 30M		
3.	**Supply Installation Testing and Commissioning of Dual HDMI to USB-C UVC Video Capture (Qty – 1) (Indicate Make/Model _____):** Video In: 2 x HDMI Type-A Female (Black), USB Port :USB 3.x Gen1 Type-B Male (Blue) (USB-B to USB-C and USB-B to USB-A cable package included), Video Output :1 x HDMI Type-A Female (PGM Video, Black), Audio Inputs :1 x balanced analog audio via XLR connectors; 1 x unbalanced audio via RCA connectors, Video input: HDMI support: 720p50, 720p60, 1080p24, 1080p25, 1080p30, 1080p50, 1080p60, 2160p24, 2160p25, 2160p30, PGM Video out: UVC capture enable720p50, 720p60, 1080p24, 1080p25, 1080p30, 1080p50, 1080p60 (non-HDCP), UVC capture disable:720p50, 720p60, 1080p24, 1080p25, 1080p30, 1080p50, 1080p60 2160p24, 2160p25, 2160p30 (HDCP enable), Audio Sampling :16-bit PCM audio, 44.1 KHz and 48 KHz, Output: Uncompressed 1080p60 and 720p60 UVC video stream with UAC audio (Uncompressed video stream is only available on USB 3.x connection), Minimum Hardware Requirements: PC / Mac: CPU: Intel® i3 Dual Core 2.8 Ghz or higher RAM: 4 GB or more; One USB-C interface or USB-A interface, Smartphone: Android device with UVC support and USB-C interface.,Connection: Bluetooth Low Energy (BLE) technology		

4.	**Supply Installation Testing and Commissioning of HDMI Tx/RX for PTZ Camera (Qty –2) (Indicate Make/Model _____):** Video Input/Output (Tx/Rx), Interface: 1 x HDMI Type-A Female (Black), Impedance: 100 Ω Max. Distance: 3m, Video-Max. Data Rate: 10.2Gbps (3.4Gbps per lane), Max. Pixel Clock: 340 MHz, Compliance HDMI (3D, Deep Color, 4K); HDCP 2.2 Compatible Consumer Electronics Control (CEC), Max. Resolutions / Distance: Up to 4K @ 35m (Cat 5e / 6) / 40m (Cat 6a / ATEN 2L-2910 Cat 6); 1080p @ 60m (Cat 5e / 6) / 70m (Cat 6a / ATEN 2L-2910 Cat 6), 4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0);4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4), Audio: Input (Tx/Rx): 1 x HDMI Type-A Female (Black)		
5.	Supply Installation Testing and Commissioning of other supporting equipment configuration with existing equipment (Cisco KODAK SX-80 & Cisco Camera P60) /network		
6.	Supply Installation Testing and Commissioning of Cable, Connectors & Accessories		
Total Amount (Rs.)			

Certifications to be supplied for following systems/sub-systems:

1. With Ser. A- 1) – 4,000 Lumens Ultra Short Throw Projector/4,500 Lumens Laser Projector:
    a. OEM Authorization
    b. Data Sheet
2. With Ser. A- 3) – Dual Channel Wireless Handheld Microphone:
    a. OEM Authorization
    b. Data Sheet
3. With Ser. A-4) – 12x Zoom Full HD PTZ Camera:
    a. OEM Authorization
    b. Data Sheet
4. With Ser. A-5) – 200W 8-inch Two Way Wall Speaker:
    a. OEM Authorization
    b. Data Sheet
5. With Ser. A-6) – Audio Digital Signal Processor with Control Processor:
    a. OEM Authorization
    b. EMC and RoHS Certification
    c. Data Sheet
6. With Ser. B- 1) – Dual Channel Wireless Handheld Microphone:
    a. OEM Authorization
    b. Data Sheet
7. With Ser. B-2) – 12x Zoom Full HD PTZ Camera:
    a. OEM Authorization
    b. Data Sheet
8. With Ser. B- 3) – Dual HDMI to USB-C UVC Video Capture:
    a. OEM Authorization
    b. Technical Drawing
    c. Data Sheet
9. With Ser. B-4) – HDMI Tx/RX for PTZ Camera:
    a. OEM Authorization
    b. Technical Drawing
    c. Data Sheet