ANNEX "A"
TECHNICAL SPECIFICATIONS

Instruction: Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specifications and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for prosecution subject to the provisions of ITB Clause 3.1(a)(ii) and/or GCC Clause 2.1(a)(ii)

Note:
1. Bidders are required to submit a datasheet of the goods/products to be supplied such as brochures, manuals, or other documentary references.
2. For easy referencing by the BAC, bidders are advised to indicate the section and page number of the supporting documents in the Statement of Compliance column.

1. IP Camera		
Item No.	Description	Details
1.1	Camera	Should be indoor type application; dome turret type
		Should have at least progressive scan CMOS image sensor
		Should have at least IR (Infrared) day & night filter
		Should have at least angle adjustment - pan and tilt
		Should have at least an aperture of f2.0 or less
		Should have at least noise reduction
1.2	Video	Should be at least capable of HD or FHD resolution
		Should be at least h.265 / h.264 / MPEG4 video codecs
1.3	Network	Should have network protocols TCP/IP, UDP, HTTP, DHCP, DNS/DDNS
		Should be able to transmit video data to NVR
		Should be able to operate via PoE (Power over Ethernet)
		Should have an Ethernet Port 10mbps/100mbps (RJ45)
1.4	Protection	Should have at least ingress protection level of IP66

		Should have at least video tampering alarm
1.5	Regulatory	Should have at least CE, FCC and/or RoHS listed

2. Network Video Recorder

Item No.	Description	Details
2.1	Video/Audio Input	Should have at least capable of 32 channel IP Camera input
		Should have at least resolutions of UHD, FHD, HD, 1080p, 720p, XGA, SVGA
		Should have at least H.264 compression format
2.2	Viewing Output Mode	Should have at least 1x HDMI and 1x VGA
2.3	Recording	Should have at least manual mode, continous mode, schedule mode
2.4	Playback & Search	Should be capable of synchronous playback
		Should have at least Date & Time (Calendar) search mode
2.5	Storage	Should have at least SATA HDD or SSD storage for video data storage
		Should at least include 2TB of Hard Disk storage capacity
2.6	Alarm	Should have at least video tampering alarm
2.7	System	Should have at least user login management
2.8	Network	Should have network protocols TCP/IP, UDP, HTTP, DHCP, DNS/DDNS
		Should have at least Ethernet Port 10mbps/100mbps (RJ45)
2.9	Operating Condition	Should at least be capable to operate up to 55 °C and 10%-85% relative humidity
2.10	Regulatory	Should have at least CE, FCC and/or RoHS listed