Subject: Procurement of IT Hardware for various offices in Chandigarh and Punjab

(Only OEMs shall be allowed to attend the meeting. Max. 2 persons (having technical background) per OEM can attend the meeting)

1. Schedule of meeting with OEMs.

   Date: 09.12.2022
   Venue: MGSIPA, Sector 26, Chandigarh
   Contact Detail: Mr. Sree Subhash Koganti, 9988958284
   Schedule:

Sr.No.	Item Name	Qty	Time Slot
1	All in One Computers	6595	10AM -11AM
2	Printers	885	11AM-12Noon
3	UPS	6595	12Noon-1PM
4	Switches	348	2PM-3PM
5	VCs	126	3PM-4PM
6	Smart LEDs	535	4PM-5PM

Specification of the desired items

(These are indicative and subject to revised as per inputs received from the OEMs and approval from competent authority)

a) Computer
   All in One

   Preferred Specifications:

   Processor: i7 (10th Generation) or equivalent AMD
   RAM: 8 GB (expandable to 32 Gb)

Disk: 256 Gb SSD + 1 TB HDD
Screen Size: 21" / 23"
Warranty: 5 years
Wired Mouse and Keyboard
In-built webcam, Wifi, Speaker
Windows Professional (upgradeable)
Softwares: MS Office - Word, Excel, PPT, Antivirus and other standard softwares
Certifications: *RoHS Compliance/Certification, BIS Certification, UL Certification, FCC Certification, CE Certification, Windows Certification.*

b) UPS

650 VA with Min 30 Mins backup

Certifications: *RoHS Compliance/Certification, BIS Certification, UL Certification, , CE Certification*

c) Printer

Three in One (Printer, Scanner, Photocopier)
PPM: Minimum 30 PPM
Mono
Network Printer (Wifi / Dual – if also possible)
Certifications: *RoHS Compliance/Certification, BIS Certification, UL Certification, , CE Certification*

d) LED Screen

65" LED Screen
Smart LED – Android (preferably)

e) Switch

16 Port / 24 Port

Switch (Layer 2)
Switch Should Support 24 10/100/1000BASE-T Ports , 4x10G uplink SFP+ ports and RJ-45 console port, 6 kV surge protection on all Ethernet ports,
switch should support Operating Temperature -5 to 50 °C (23 to 122 °F)
The Switch shall have the intelligence to detect the loop occurring from the unmanaged network segment.
Switch Should Support IGMP Snooping v1, v2 and MLD snooping v1/v2, Support Auto Voice & Video VLAN
Switch Should Support IEEE 802.3az Energy Efficient Ethernet (EEE) Power saving Technology and Time-based PoE for powering on Devices and Switch Should Support Port Mirroring One to one/Many to One.
Switch should support Quality of Service (QoS), 802.1p, Strict, Weighted Round Robin (WRR), Bandwidth Control.
Switch Should Support L3 Features for inter-VLAN Communication, Static Routing.
Switch should support Access Control List (ACL), Port Base rule can be associated, MAC Base, IP Based, L2 & L3 ACL (IPv4 and IPv6).
Switch Should Support Security Features like Broadcast/Multicast/Unicast Storm Control, Traffic segmentation, 802.1X Port-based Access Control , Port Security, ARP Spoofing Prevention, DHCP Server Screening, IP-MAC-Port Binding, ARP & IP Inspection, DHCP Snooping.
Switch should have EMI CERTIFICATE - CE FCC, IC and SAFETY CERTIFICATE - CB, UL
To ensure only principal networking companies participate having strong Product, Support and Service.
OEM should have supplied minimum 1500+ switches in any surveillance project/multi-location project in Government.
OEM should have min own 10+ Service Centre in PAN India and own toll-free Helpdesk for rapid support.
OEM T&C
OEM Should be International certification for the ISO 45001 Health and Safety Management System, Information Security Management System: ISO 27001, ISO 9001 Quality Management System, ISO 14001 Environmental Management System, and ISO 14064-1 Greenhouse Gas

Inventory Standards.

OEM should have Indian based operation at least for a period of 20+ years and should have an Annual Turnover of Rs. 500 Crores and above in any of last three consecutive Audited Financial years. (To ensure only principal networking companies participate having strong Product , Support and Service.)

F) **Video Conference Setup**

1) The VC system should have 10x Optical Zoom camera and additional 1 input to support up to   1080p30, 4K content sharing during Point-to-Point calls.
2) The VC Endpoint should support support H.323 and SIP. It should support H.264, G.711, G.722, H.239, BFCP.
3) Should have 4K Dual Video Output.
4) Should support 3 Table Mics
5) The Codec should be supplied with OEM 7" or above touch panel day one.
6) The VC System should have inbuilt feature to support wireless content sharing from MacOS, Windows, Apple & Android tablets, and smartphones.
7) The VC system should be UL certified.
8) LED 80"