

Response to Pre-bid Queries

NIT No. – EdCIL/DES/SCU/ICT/2025/01

Date: 05-03-2025

Name:

“Design, Supply, Installation, Testing, Commissioning of Equipment, Implementation and Maintenance of Smart Campus ICT Solution for SCU, Ladakh”

S. No.	Chapter No.	Page No.	Clause as per RFP	Clarification Sought	Response
1	ANNEXURE-XVI (Technical Specification For All in One Workstation)	135	Viewing Size not less than 27" diagonal with Minimum Resolution of 1920 x 1080 or better. Panel Type: Antiglare, IPS with stand.	We at Dell Technologies do not have a commercial All-in-One with 27" Screen Size. To allow us to participate, request you to kindly change the Screen Size required for 24" Screen Size.	Please Refer Corrigendum 1
2	ANNEXURE-XVI (Technical Specification For All in One Workstation)	135	13th Generation Processor with minimum 30 MB cache , 2.1 GHz or higher frequency .	Intel's 13th Gen Processor is obsolete and has been succeeded with Intel's 14th Gen Processor which offers upgrades on Core Count, Cache and Turbo Boost. Request you to kindly benchmark on 14th Gen for the purpose of this RFP.	Please Refer Corrigendum 1
3	ANNEXURE-XVI (Technical Specification For All in One Workstation)	135	Integrated USB Port: (Minimum 2 USBType C port. and Minimum 2 USB type A port.1 dual mode display port and RJ 45 port	We do not offer 2 x USB Type C Ports on All-in-One form factor. Reuest you to kindly change the same to 1 x USB Type C Port. Also, we do not offer dual purcpose DP Port, rather offer 2 x DP Ports (one for Input, 2nd for output). Request you to please change dual purpose from the speciifcations.	Please Refer Corrigendum 1
4	ANNEXURE-XVI (Technical Specification For All in One Workstation)	135	5W stereo speaker, headset & headphone side ports (3.5m) camera with IR for face authentication and cloud array digital	IR Camera is typically used for Facial Recognition. Since systems installed in Labs are not individually assigned to specific users and are generl	No Change

			micro phones	purpose, Infra Red Camera is not relevant. Also, Cloud array digital microphoes is specific to single OEM. We offer Noise Caneclling array microphones. Request you to make these amendments to allow us to pariticipate.	
5	ANNEXURE-XVI (Technical Specification For All in One Workstation)	135	Minimum 160 Watt or higher (Internal Power supply) upto 92% efficiency.	We offer 160W Power Supply at 85% Power Effeciency (Bronze). Request you to please change the same to 85% Effeciency to allow us to participate.	Please Refer Corrigendum 1
6	6.4 Compliance to Make in India	42	Only “Class-I local supplier” having minimum 50% local content and “Class-II local supplier” having minimum 20% local content for the overall solution, shall be eligible to bid in this procurement.	All of our All-in-One PC are manufactured out of Facility in Chennai making the Country of Origin India. We however, do not offer Local Content Declaration for same. Requets you to please grant us waiver to the mentioend clause to allow us partiipate in same.	No Change
7	General		General	We required layout plan for the ICT package. Please share the location and layout of all equipment.	Please Refer Corrigendum 1
8	Warranty of the product	132	Warranty 3 years for equipment and AMC for 4th , 5th and 6th year	Warranty required for 3 years or 5 years ?	Tender is self-explanatory.
9	Form-1 Format for Submission of Financial Bid	142	BoQ Line Item No. 1	POE switch for CCTV Missing. Only L3 switches 3 Nos are the part of BOQ. Cameras will connect in L3 switch only ? Does the location of cameras within 90 meters.	Cameras will connect in L3 switch. Location of cameras is within 90 meters.
10	General		General	Monitoring screen and desktop for CCTV not part of BOQ. Do we require separate monitor desktop and scrrtent?	Monitoring screen is there at line item number 23.

11	Form-1 Format for Submission of Financial Bid	145	BoQ Line Item No. 24	There is only one 42U smart rack as per BOQ, So as per understanding all devices are in smart rack only. Do we need to consider field racks also? Location of equipment is not clear, Kindly provide the layout plan. Need Clarification	Tender is self-explanatory. Please refer to BOQ
12	General		General	Containment for the cabling : , HDPE/Hume pipe etc for road crossing etc- Not available as part of BOQ. Need Clarification for indoor and outdoor.	Tender is self-explanatory.
13	Form-1 Format for Submission of Financial Bid	144	Line item no. 18	Scope of electrical work : Line item no. 18 indicates Installation Testing and commissioning for all Active, passive & Electrical works including all type of Electricals items and any other project related accessories like wires, plate, switch, Racks, conduit, HDPE Pipe, Fastner, Gang box etc., trenching, digging / and any type of civil works or any other items necessary item required to complete this project, Clarity of scope of electrical wiring and accessories. Need Clarification	Tender is self-explanatory.
14	Form-1 Format for Submission of Financial Bid	145	BOQ line item no 25 and 29	Clarity on the Manpower Need clarification	Please Refer Corrigendum 1
15	Form-1 Format for Submission of Financial Bid	145	Line item no. 23	Electronics amenities like TV All TV size is 50 inches as per specs , Need clarification	All TV size is 50 inches as per specs.

16	ANNEXURE- XVI	81	Switch should have minimum 48 x 1G UPoE copper (supporting upto 90W per port and overall power budget of 1440W) ports and 4x1/10G based 10G ports and required stacking support for upto 8 switches. Each switch to be supplied with 1no. 3m DAC / stacking cable.	As per Industries best practice using copper POE at core layer is not recommended, If Core with Copper is required due to certain reasons that UPoE+ (90W) power is not required as only 17 Access Points and few IP Phones are required with basic configurations which will not consume more than 30W power. Hence we request you to please change this to " Switch should have minimum 48 x 1G PoE copper (supporting upto 30W per port and overall power budget of 1440W) ports and 4x1/10G based 10G ports and required stacking support for upto 8 switches. Each switch to be supplied with 1no. 3m DAC / stacking cable." So that all leading OEM will participate.	No Change
17	ANNEXURE- XVI		Each switch should also be capable to deliver additional up to 4x10/25G uplinks for expansion or servers connectivity.	This Configuration is OEM Specific and majority of OEM is not supported, All Major OEM comes with 48 DL ports with 4 additional UL Ports, Hence request you to please remove the same.	Please Refer Corrigendum 1
18	ANNEXURE- XVI	81	Switch should have at least 296Gbps switching fabric performance and 214Mpps forwarding rate or better	Switching Capacity needs to be change as per required port configurations, as per IEEE with required port configuration Switching capcity will be 176 Gbps, Hence request you to please change this to " Switch should have at least 176Gbps switching fabric performance and 130Mpps forwarding rate or better"	Please Refer Corrigendum 1

19	ANNEXURE- XVI	82	Should support IEEE 802.1Q VLAN, 802.1p priority queues, IEEE 802.1ad, IEEE 802.1ag, 802.1ae.	Not all OEM supports 802.1ag (OAM) protocol at campus switches, OAM generally supports in ISP category switch. Hence request you to please change this to " Should support IEEE 802.1Q VLAN, 802.1p priority queues, IEEE 802.1ad, 802.1ae." So all OEM can participate.	Please Refer Corrigendum 1
20	ANNEXURE- XVI	83	Access Point must support dual-band / tri-band radio with minimum 2x2 & Two spatial streams (MIMO) at all radio.	Considering Future requirement 2x2MIMO will not a good choice, Hence request you to please change this to " Access Point must support dual-band / tri-band radio with minimum 4x4 & Four spatial streams (MIMO) at all radio."	Please Refer Corrigendum 1
21	ANNEXURE- XVI	83	Access Point should support minimum 573 Mbps on 2.4GHz, 1200 Mbps on 5GHz and 2400 Mbps on 6GHz.	6Mhz is not yet fully approved by indian govt, hence request you to please change this to " Access Point should support minimum 573 Mbps on 2.4GHz, 1200 Mbps on 5GHz"	Please Refer Corrigendum 1
22	ANNEXURE- XVI	83	Must have 2x IEEE 802.3 GE or one smart rate/multi- gigabit up to 2.5Gbps auto-sensing port. Access point should have USB support.	2 Ports are not required as design also it will consume 2 ports as switch without any benefits, request you to please change this to " Must have 1x 2.5Gbps auto-sensing port. Access point should have USB support"	No Change
23	ANNEXURE- XVI	83	Access point should have Operating Temperature of - 20°C to 50°C and storage temperature of - 40°C to 60°C	ReOperating temperature: 32° to 122°F (0° to 50°C) and Nonoperating (storage) temperature: -22° to 158°F (-30° to 70°C)	No Change
24	ANNEXURE- XVI	83	Must support minimum 2x2 with two spatial streams (MIMO)	Must support minimum 4x4 with Four spatial streams (MIMO)	Please Refer Corrigendum 1
25	ANNEXURE- XVI	83	Access Point should support minimum 1.7 Gbps or more aggregate	Must Support data rate upto 5Gbps.	No change

			data rate including both the radio.		
26	ANNEXURE-XVI	85	Controller should be dedicated hardware appliance and support HA functionality. must support min. 2x1 copper/SFP interfaces for the network connectivity.	WLC/ WLAN Tunnel aggregator devices should have 4 nos. of 1/10G SFP+ to connect to LAN	No Change
27	ANNEXURE-XVI	85	Proposed Controller must support 1+1 redundancy and should have scalability to support upto 200 AP. Required AP licenses (as per AP count) should be provided from day 1.	On Premise WLC Must support 1+1 or N+1 redundancy and WLC should have capability to host 250 APs from day 1 which should be scalable upto 500 APs without changing the hardware. Required AP Licenses (as per AP Coun) should be provided on Day1	No Change
28	ANNEXURE-XVI	87	Must provide centralized management that should be able to manage wired/wireless and security components of 3rd party OEM's.	Solution should have single pane of glass to discover, provision, monitor, manage, analyze and troubleshoot the network	No Change
29	ANNEXURE-XVI	88	Must be able to generate valuable, in-depth reports for network inventory for planning purposes, detailed inventory of products organized by device type and centralized history of inventory management operations.	Solution should provide complete inventory of network as well as should do the software or firmware image management	No Change
30	ANNEXURE-XVI	118	The proposed NGFW appliance vendor should have security effectiveness minimum 97.4% or Block Rate minimum 97.9% in 2019 SVM NGFW report of NSS Labs. Also, OEM should feature in the top quadrant of the Security Value Map (SVM) of NSS	The proposed NGFW appliance vendor should have demonstrated high security effectiveness and threat protection in independent third-party testing such as NSS Labs (prior to 2020), MITRE ATT&CK evaluations, or ICSA Labs. The NGFW should provide advanced threat	Please Refer Corrigendum 1

			Labs report 2019 for Next Generation Firewall (NGFW)	protection, deep packet inspection, and integration with leading security intelligence platforms	
31	ANNEXURE-XVI	119	The Proposed NGFW appliance must have minimum 6 CPU Cores.	The Proposed NGFW appliance must have minimum 8 CPU Cores.	No Change
32	ANNEXURE-XVI	119	The Proposed NGFW appliance must have 16 GB RAM.	The Proposed NGFW appliance must have 32 GB RAM.	No Change
33	ANNEXURE-XVI	119	Should have minimum 7 x10/100/1000 Copper Ports & 1 SFP port.	Should have minimum 8 SFP+ fixed ports + 8 Copper RJ-45 ports, Support for a network module with either Eight 1/10/25-Gb SFP ports OR Four 40-Gb QSFP ports	No Change
34	ANNEXURE-XVI	119	Next Gen Firewall throughput – 2.5 Gbps A Minimum 2.5 Gbps of Firewall Throughput measured with application control and logging enabled in real world/production environment/Application Mix. The bidder shall submit the performance test report reference from public documents or Legal Attested Test Reports from Global Product Engineering department / Global Testing Department/ Global POC team of OEM certifying the mentioned performance and signed by person with PoA.	Next Gen Firewall throughput – 10 Gbps A Minimum 10 Gbps of Firewall Throughput measured with application control and logging enabled in real world/production environment/Application Mix. The bidder shall submit the performance test report reference from public documents or Legal Attested Test Reports from Global Product Engineering department / Global Testing Department/ Global POC team of OEM certifying the mentioned performance and signed by person with PoA.	No Change
35	ANNEXURE-XVI	119	Next Gen Threat prevention throughput – 1 Gbps A Minimum 1 Gbps of Threat prevention throughput measured with Application-ID/AVC, NGIPS, Anti- Virus, Anti-Spyware, Anti Malware,	Next Gen Threat prevention throughput – 30 Gbps A Minimum 30 Gbps of Threat prevention throughput measured with Application-ID/AVC, NGIPS, Anti- Virus, Anti-Spyware, Anti Malware, File Blocking, Sandboxing, DNS Security	No Change

			File Blocking, Sandboxing, DNS Security and logging enabled in real world/production environment/app-mix environment. The bidder shall submit the performance test report reference from public documents or Legal Attested Test Reports from Global Product Engineering department / Global Testing Department/ Global POC team of OEM certifying the mentioned performance and signed by person with PoA.	and logging enabled in real world/production environment/app-mix environment. The bidder shall submit the performance test report reference from public documents or Legal Attested Test Reports from Global Product Engineering department / Global Testing Department/ Global POC team of OEM certifying the mentioned performance and signed by person with PoA.	
36	ANNEXURE-XVI	120	Minimum IPsec VPN throughput – 1 Gbps or more with 64KB HTTP transaction and logging enabled considering 100% HTTP flows	Minimum IPsec VPN throughput – 14 Gbps or more with 64KB HTTP transaction and logging enabled considering 100% HTTP flows	No Change
37	ANNEXURE-XVI	120	Remote Access VPN – 1,500 Concurrent SSL VPN License from Day-1	Remote Access VPN – 15000 Concurrent SSL VPN License from Day-1	No Change
38	ANNEXURE-XVI	120	Site to Site IPSEC VPN - should be able to support upto 2500 Site to Site IPSEC VPNs	Site to Site IPSEC VPN - should be able to support upto 7000 Site to Site IPSEC VPNs	No Change
39	ANNEXURE-XVI	120	New Layer 7 sessions per second – Minimum 30 K or New Layer 4 sessions/connections per second - Minimum 200,000	New Layer 7 sessions per second – Minimum 200 K or New Layer 4 sessions/connections per second - Minimum 200,000	No Change
40	ANNEXURE-XVI	120	Concurrent Layer 7 sessions – 200K or Concurrent Layer 4 connections/sessions - Minimum 1.5 Million	Concurrent Layer 7 sessions – 500K or Concurrent Layer 4 connections/sessions - Minimum 5 Million	No Change
41	ANNEXURE-XVI	121	Solution should be have machine learning capabilities on the dataplane to analyze web	The solution should have advanced threat detection capabilities, leveraging deep packet inspection (DPI) and	No Change

			page content to determine if it contains malicious JavaScript or is being used for credential phishing. Inline ML should prevent web page threats from infiltrating network by providing real-time analysis capabilities.	real-time threat intelligence to analyze web page content for malicious JavaScript or credential phishing attempts. The system should integrate with a threat intelligence platform to provide proactive security against web-based threats.	
42	ANNEXURE-XVI, Indoor Access Point	83	Access Point should support latest technology WiFi-6E (802.11ax) technology with integrated / external antenna and backward 802.11 standard compatible and proposed with all necessary licenses to function seamlessly with the required features.	Wi-Fi 6E would be overkill, if possible pls change it to Wi-Fi 6 as 6 Ghz is still not permissible to use on unlicensed band	No Change
43	ANNEXURE-XVI, Wireless Controller	85	The controller shall be installed in Maintenance office in controlled environment with CHS, however, it must support the Operating Temperature : 0°C to 40°C (32°F to 104°F) and Storage Temperature: -40°C to 60°C (- 40°F to 140°F) and should be able to operate seamlessly at 100-240 volts AC Power.	Request you to kindly allow Virtual WLC with external Hardware Server and specs to be meet by supplied Hardware Server	No Change
44	ANNEXURE-XVI, Network Monitoring & Management System	87	The NMS shall be installed in Maintenance office in controlled environment with CHS, however, it must support the Operating Temperature : 0°C to 40°C (32°F to 104°F) and Storage Temperature: -40°C to 60°C (-40°F to 140°F) and should be able to operate	Request you to kindly allow Virtual NMS with external Hardware Server and specs to be meet by supplied Hardware Server	No Change

			seamlessly at 100- 240 volts AC Power.		
45	ANNEXURE-XVI, Network Monitoring & Management System	89	Solution must be able to support recognizing minimum 10000+ fingerprints and 2000+ applications. Should also support option to add signature for customized inhouse application day-1	Request you to Kindly remove this clause as it is restrictive for us to bid though we support Application monitoring and Device fingerprinting but database is not defined	No Change
46	Annexure XVI Firewall Point-2	118	The proposed NGFW appliance vendor should have security effectiveness minimum 97.4% or Block Rate minimum 97.9% in 2019 SVM NGFW report of NSS Labs. Also, OEM should feature in the top quadrant of the Security Value Map (SVM) of NSS Labs report 2019 for Next Generation Firewall (NGFW)	NSS labs operation already shut in 2019 so please remove this.	Please Refer Corrigendum 1
47	Firewall Point-6	118	The proposed NGFW solution architecture should have Control Plane separated from the Data Plane in the Device architecture itself, whereby Control Plane should handle Management functions like configuration, reporting and route update & Data Plane should handle Signature matching (like exploits, virus, spyware, CC#), Security processing (like apps, users, content/URL, policy match, SSL decryption, app decoding etc) & Network Processing (like flow control, route	Please Amend this point to be generic. Firewall should have dual processor/multi-core architecture to offload the traffic for better performance.	No Change

			lookup, MAC lookup, QoS, NAT etc).		
48	Firewall Point-7	119	The device or any of its family should not have any feature of wireless within its hardware or software.	The device or any of its family should/should not have any feature of wireless within its hardware or software.	No Change
49	Firewall Point-26	120	The proposed firewall shall be able to create custom application signatures and categories using the inline packet capture feature of the firewall without any third-party tool or technical support.	This is OEM specific. Please remove or amend the point to make the specs generic: The proposed firewall shall be able to create custom application signatures and categories.	Please Refer Corrigendum 1
50	Firewall Point-32	121	Solution should be have machine learning capabilities on the dataplane to analyze web page content to determine if it contains malicious JavaScript or is being used for credential phishing. Inline ML should prevent web page threats from infiltrating network by providing real-time analysis capabilities.	This is OEM specific point. Please remove or amend this point to make the specs generic: Machine learning should be available for analyzing files in Zero-day protection.	Please Refer Corrigendum 1
51	Firewall Point-33	121	The proposed firewall shall be able to identify, decrypt and evaluate SSL traffic in an outbound connection (forward-proxy) and inbound connection. The proposed firewall shall be able to identify, decrypt and evaluate SSH Tunnel traffic in an inbound and outbound connections. TLSv1.3 decryption should also be supported in SSL Forward Proxy, SSL Inbound Inspection modes.	The proposed firewall shall be able to identify, decrypt and evaluate SSL traffic. TLSv1.3 decryption should also be supported.	No Change

52	Firewall Point-42	122	The proposed firewall should be able to perform Anti-virus scans for HTTP, smtp, imap, pop3, ftp and SMB traffic with configurable AV action such as allow, deny, reset, alert etc	The proposed firewall should be able to perform Anti-virus scans for HTTP/S, SMTP, IMAP, POP3, FTP	No Change
53	Firewall Point-47	122	Should have threat prevention capabilities to easily import IPS signatures from the most common definition languages Snort and Suricata	Firewall should have the capability where admins can create custom IPS signatures using custom pattern syntax	Please Refer Corrigendum 1
54	Firewall Point-61	124	The proposed firewall should protect against evasive techniques such as cloaking, fake CAPTCHAs, and HTML character encoding based attacks	Since these are OEM specific, please remove this point to make the specs generic.	Please Refer Corrigendum 1
55	Firewall Point-62	124	The proposed Firewall should offer advanced URL filtering capabilities including Inline Real-Time Web Threat Prevention, Anti-Evasion Measures, Multicategory Support, Real-Time Credential Theft Protection, Phishing Image Detection, Criteria Matching, Translation Site Filtering.	Since these are OEM specific, please remove this point to make the specs generic.	Please Refer Corrigendum 1
56	Firewall Point-63	124	The solution should protect against never-before- seen phishing and JavaScript attacks inline. Solution should be capable to use both signature based and ML based signature less technology	Since these are OEM specific, please remove this point to make the specs generic.	Please Refer Corrigendum 1
57	Firewall Point-64	124	The proposed firewall should have URL or URL category base protection for user	Since these are OEM specific, please remove this point to make the specs generic.	Please Refer Corrigendum 1

			cooperate credential submission protection from phishing attack with malicious URL path		
58	Firewall Point-65	124	The NGFW should prevent credential theft attacks by preventing users from submitting credentials to phishing sites.	Since these are OEM specific, please remove this point to make the specs generic.	Please Refer Corrigendum 1
59	Firewall Point-66	124	<p>The NGFW should prevent this kind of credential theft attack (without the need of endpoint agents). Vendors should provide features with the ability to prevent the theft and abuse of stolen credentials, one of the most common methods cyber adversaries use to successfully compromise and maneuver within an organization to steal valuable assets. It should also complement additional malware and threat prevention and secure application enablement functionality, to extend customer organization's' ability to prevent cyber breaches.</p> <ol style="list-style-type: none"> 1.) Automatically identify and block phishing sites 2.) Prevent users from submitting credentials to phishing sites 3.) Prevent the use of stolen credentials 	Since these are OEM specific, please remove this point to make the specs generic.	Please Refer Corrigendum 1
60	Firewall Point-85	126	Should support DNS sinkholing for malicious DNS request from inside hosts to outside bad domains and should be	Please remove this point to make the specs generic.	Please Refer Corrigendum 1

			able to integrate and query third party external threat intelligence databases to block or sinkhole bad IP address, Domain and URLs		
61	IPPBX Point-4 Network & Protocols	133	TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP(RFC3261), STUN, SRTP, TLS, LADP	Kindly amend this as "TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DHCP, NTP, SSH, HTTP/HTTPS, SIP(RFC3261), STUN, SRTP, TLS, LADP".	No Change
62	IPPBX Point-7 Voice over packet	133	LEC with NLP Packetized Voice Protocol Unit, 32~128ms-tail-length carrier grade Line Echo Cancellation	Kindly remove this clause	No Change
63	IPPBX Point-8 Voice/Video and Fax Codecs	133	G.711 A-law/U-law, G.722, G.723.1, G.726, G.729A/B, GSM	Kindly amend this as "G.711 A-law/U-law, G.722, G.729A/B".	No Change
64	IPPBX Point-9 Security Features	133	Media Encryption: SRTP, TLS, HTTPS, TELNET, Whitelist, Blacklist, alerts and more to protect against attacks	Kindly amend this clause as "Media Encryption: SRTP, TLS, HTTPS, TELNET"	No Change
65	VoIP Phone Point- 1	134	6 SIP lines with Two port 10/100/1000 Ethernet switch	Kindly amend this clause as "5 SIP lines with Two port 10/100/1000 Ethernet switch"	No Change
66	VoIP Phone Point- 5	134	8 Line key with LED	Kindly amend this clause as "5 Line key with LED"	No Change
67	VoIP Phone Point- 13	134	UDP/TCP/DNS-SRV (RFC 3263)	Kindly remove "SRV (RFC 3263)"	No Change
68	VoIP Phone Point- 14	134	QoS: 802.1p/Q tagging (VLAN), Layer 2 ToS DSCP, SRTP/TLS	Kindly amend this clause as "QoS: 802.1p/Q tagging (VLAN), Layer 2 ToS DHCP, SRTP/TLS"	No Change
69	VoIP Phone Point- 16	134	AES encryption for configuration file , Digest authentication using MD5/MD5-sess, Open VPN, IEEE802.1X	Kindly remove "AES encryption for configuration file , Digest authentication using MD5/MD5-sess, Open VPN"	No Change

70	Pre-qualification Criteria Point-8	39	The Bidders shall have minimum technical manpower strength (B. Tech/MCA) of 10 persons on its rolls till financial ending year 2023-24	Please amend this clause as " Bidder shall have minimum technical manpower strength (2 Years experienced & OEM certified Engineer) of 10 persons on its rolls till financial ending year 2023-24.	No Change
71	Pre-qualification Criteria Point-9	39	Solvency certificate issued from bank of bidder for minimum value of Rs. 3.5 crores; not more than 6 months old.	Please amend this clause as " MSME bidders shall submit the Solvency certificate of Rs.2.5 Crores; not more than 6 months old.	No Change
72	Cat 6 S/FTP Double Jacket Steel Tape Armoured External Cable	96	Cat 6 S/FTP Double Jacket Steel Tape Armoured External Cable	It is Armoured cable and shielded also. It should be U/UTP for generic and maximum participation. Its already armoured cable.	No Change
73	CAT6 STP Patch Panel, Unloaded - Tool Less	98	Certification: CE	It is for Electrical not related to our field. It should be RoHS Compliant, UL Listed, ETL Verified.	No Change
74	CAT6 STP Keystone Jack - Tool Less	98	Certification: CE	It is for Electrical not related to our field. It should be RoHS Compliant, UL Listed, ETL Verified.	No Change
75	Core L3 Switch		Need to Remove "each switch should support at least 32K entries in the MAC table and 4000 user configurable VLANs"	Need to add "Yes, with 16K MAC"	No Change
76	Core L3 Switch		Need to Remove "The switch should have RIPv2, OSPFv2 , BGP4, PIM for IPv4 and IPv6 routing, Policy based routing, unicast reverse path forwarding (uRPF), VXLAN, ISIS etc day- 1."	Need to add "Yes except BGP and VXLAN"	No Change

77	Core L3 Switch		Need to Remove "Should support minimum 10K IPv4 routes and 5K IPv6 routes."	Need to add "512 IPv4 256 IPv6"	No Change
----	----------------	--	---	---------------------------------	-----------

Sd/-

Chief General Manager (DES)

EdCIL (India) Limited