Corrigendum - 8

S.No	RFP Document reference(s) Section	Page . No	Content of RFP requiring clarification(s)	Existing Specification as per Tender Document	To be read as
ELCOT / IT-INFRA / TNSWAN/HC/ OT- 33245/ Network Integrator / 2018-19				
Selection of Network Integrator(s) to provide Horizontal Connectivity to Government Department through TNSWAN on Rate Contract Basis.				
1	6.1 Bill of Materials & Technical Specifications	119	Item No: 39; Code: MOD 003 Pair of 2 Mbps OFC Modem	Range: Up to 100Kms and above	Range: Minimum 10Kms and above
2	6.1 Bill of Materials & Technical Specifications	98	Item No.23, Code:ROU 001 Branch router Type 1 - S.No.23	Router should be scalable to 2500 IPSec tunnels and atleast 2,000,000 IPv6 routes (BGP)	Router should be scalable to 2000 IPSec tunnels and atleast 2,000,000 IPv6 routes (BGP)
3	6.1 Bill of Materials & Technical Specifications	105	Item No.31, Code:SWI 001 24 port L2 Fast Ethernet Managed Switch - S.No.4 line 4	Shall support traffic classification into eight priority levels mapped to two or four queues using Weighted deficit round robin (WDRR) queuing	Shall support traffic classification through WDRR/WRR
4	6.1 Bill of Materials & Technical Specifications	106	Item No.31, Code:SWI 001 24 port L2 Fast Ethernet Managed Switch - S.No.5 line 4	TFTP and Secure FTP support	TFTP / Secure FTP / SCP
5	6.1 Bill of Materials & Technical Specifications	106	Item No.31, Code:SWI 001 24 port L2 Fast Ethernet Managed Switch - S.No.5 line 9	Shall support single IP address management of up to 16 switches	Shall support single IP address management of minimum 4 switches
6	6.1 Bill of Materials & Technical Specifications	106	Item No.31, Code:SWI 001 24 port L2 Fast Ethernet Managed Switch - S.No.6 line 3	Safety and Emission standards including EN 60950; IEC 60950; VCCI Class A; FCC part 15 Class A	Latest Safety and Emission standards including EN 60950/IEC 60950/FCC part 15 Class A/UL 60950

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7	6.1 Bill of Materials & Technical Specifications	107	Item No.32, Code:SWI 002 24 port L2 Gigabit Ethernet Managed switch - S.No.3 line 1	MAC address table size of 16000 entries	MAC address table size of minimum 8000 entries
8	6.1 Bill of Materials & Technical Specifications	108	Item No.32, Code:SWI 002 24 port L2 Gigabit Ethernet Managed switch - S.No.4 line 4	Shall support traffic classification into eight priority levels mapped to two or four queues using Weighted deficit round robin (WDRR) queuing	Shall support traffic classification through WDRR/WRR
9	6.1 Bill of Materials & Technical Specifications	108	Item No.32, Code:SWI 002 24 port L2 Gigabit Ethernet Managed switch - S.No.5 line 4	TFTP and Secure FTP support	TFTP / Secure FTP / SCP
10	6.1 Bill of Materials & Technical Specifications	108	Item No.32, Code:SWI 002 24 port L2 Gigabit Ethernet Managed switch - S.No.5 line 9	Shall support single IP address management of up to 16 switches	Shall support single IP address management or equivalent
11	6.1 Bill of Materials & Technical Specifications	109	Item No.32, Code:SWI 002 24 port L2 Gigabit Ethernet Managed switch - S.No.6 line 3	Safety and Emission standards including EN 60950; IEC 60950; VCCI Class A; FCC part 15 Class A	Latest Safety and Emission standards including EN 60950/IEC 60950/FCC part 15 Class A/UL 60950
12	6.1 Bill of Materials & Technical Specifications	109	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.1 line 7	The Switch should support 32000 MAC address	The Switch should support minimum 16000 MAC address
13	6.1 Bill of Materials & Technical Specifications	110	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.4 line 5	The switch should Provide graceful congestion management	The switch should provide congestion management

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14	6.1 Bill of Materials & Technical Specifications	110	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.7 line 1	The switch should support RA guard, DHCPv6 protection, dynamic IPv6 lockdown, and ND snooping	The switch should support RA guard, DHCPv6 protection, dynamic IPv6 lockdown, and ND snooping or their equivalent methods.
15	6.1 Bill of Materials & Technical Specifications	111	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.9 line 6	The Switch should support stacking with up to 8 switches on a single stack, all cables and ports factored from day one	The Switch should support stacking with minimum 4 switches on a single stack
16	6.1 Bill of Materials & Technical Specifications	111	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch S.No.11 line 4	The switch should have the capability to find and fixes common network problems automatically, then informs administrator	Removed
17	6.1 Bill of Materials & Technical Specifications	111	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.11 line 6	The switch should support RMON, XRMON, and Sflow	The switch should support RMON and Sflow or equivalent
18	6.1 Bill of Materials & Technical Specifications	112	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.12 line 1	The switch should support IEEE 802.1Q (4094 VLAN IDs) and 2K VLANs simultaneously	The switch should support IEEE 802.1Q (Minimum 4000 VLAN IDs) and 2K VLANs simultaneously
19	6.1 Bill of Materials & Technical Specifications	113	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch - S.No.16 line 3	Safety and Emission standards including EN 60950; IEC 60950; VCCI Class A; FCC Class A	Latest Safety and Emission standards including EN 60950/IEC 60950/FCC part 15 Class A/UL 60950
20	6.1 Bill of Materials & Technical Specifications	113	Item No.34, Code:SWI 004 24-Port Fast Ethernet Unmanaged Switch S.No.7	Throughput up to 38.7 Mbps	Throughput up to 38. Mbps

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21	6.1 Bill of Materials & Technical Specifications	131	Item No.52, Code:RFR 001 RF Radio access point 25 mbps throughput Per unit - S.No.4	Processor Specs : Atheros MIPS 74Kc, 560 MHz	Processor Specs : Atheros MIPS 74Kc, 560 MHz or equivalent
22	6.1 Bill of Materials & Technical Specifications	131	Item No.52, Code:RFR 001 RF Radio access point 25 mbps throughput Per unit - S.No.8	Channel Sizes: 5/8/10/20/30/40 MHz	Channel Sizes: 10/20/40 MHz
23	6.1 Bill of Materials & Technical Specifications	131	Item No.52, Code:RFR 001 RF Radio access point 25 mbps throughput Per unit - S.No.13	ESD/EMP Protection :Air: ± 24 kV, Contact: ± 24 kV	ESD/EMP Protection as per IEC 61000 or equivalent standard
24	6.1 Bill of Materials & Technical Specifications	131	Item No.52, Code:RFR 001 RF Radio access point 25 mbps throughput Per unit - S.No.14	Operating Temperature: -40 to 70° C (-40 to 158°F)	Operating Temperature: -15 ° C to 60° C (-31°F to 140°F)
25	6.1 Bill of Materials & Technical Specifications	90	Item No.10, Code:OFC 001 6 Core Multi Mode Fiber Optic Cable in meters with OFC cable laying and OFC cable slicing. S.No.3	No of Cores : 6/12	No of Cores : 6
26	6.1 Bill of Materials & Technical Specifications	90	Item No.10, Code:OFC 001 6 Core Multi Mode Fiber Optic Cable in meters with OFC cable laying and OFC cable slicing. S.No.7	Network Support : 155 Mbps ATM - 2000mtr	Removed
27	6.1 Bill of Materials & Technical Specifications	90	Item No.10, Code:OFC 001 6 Core Multi Mode Fiber Optic Cable in meters with OFC cable laying and OFC cable slicing. S.No.7	Network Support : 10G - 400mtr without Mode Conditioning launch patch cord	Network Support : 10G - 300mtr without Mode Conditioning launch patch cord

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28	6.1 Bill of Materials & Technical Specifications	91	Item No.10, Code:OFC 001 6 Core Multi Mode Fiber Optic Cable in meters with OFC cable laying and OFC cable slicing. S.No.17	IEC794-1-E1 , IEC794-1-E2 , IEC7944-1-E3 , IEC794-1-E4 , EIA-455-104 , IEC794-1-E7 , IEC794-1-E10 , IEC794-1-F1 , IEC794-1-F3 and IEC794-1-F5	IEC794-1-E1 , IEC794-1-E2 , IEC7944-1-E3 , IEC794-1-E4 , EIA-455-104 , IEC794-1-E7 , IEC794-1-E10 , IEC794-1-F1 , IEC794-1-F3 and IEC794-1-F5 or equivalent latest
29	6.1 Bill of Materials & Technical Specifications	91	Item No.10, Code:OFC 001 6 Core Multi Mode Fiber Optic Cable in meters with OFC cable laying and OFC cable slicing. S.No.21	All the quoted product should be from single Manufacturer	Removed
30	6.1 Bill of Materials & Technical Specifications	105	Item No.31, Code:SWI 001 24 port L2 Fast Ethernet Managed Switch - S.No.3 line 1	MAC address table size of 16000 entries	MAC address table size of minimum 8000 entries
31	6.1 Bill of Materials & Technical Specifications	109	Item No.33, Code:SWI 003 24 port L3 Gigabit Ethernet Managed switch -S.No. 2	Software Defined Networking (SDN) Capability Open Flow protocol capability to enable software-defined networking The switch should support Open Flow 1.0 and 1.3 specifications to enable SDN by allowing separation of the data (packet forwarding) and control (routing decision) paths	Removed

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32	6.1 Bill of Materials & Technical Specifications	98	Item No.23, Code:ROU 001 Branch router Type 1 - S.No.21	The Router should have support for WAN optimization in software level. If this feature can't be provided within router software level, external hardware must be proposed to cater the requirement	WAN optimization feature at Router is recommended at Software or with External hardware level.
33	6.1 Bill of Materials & Technical Specifications	98	Item No.23, Code:ROU 001 Branch router Type 1 - S.No.26	The Router shall support Deep inspection mechanism recognizing and classifying applications by inspecting packets	Support of Deep inspection mechanism recognizing and classifying applications by inspecting packets is recommended.
34	6.1 Bill of Materials & Technical Specifications	98	Item No.23, Code:ROU 001 Branch router Type 1 - S.No.28	The Router should be NDPP or EAL3 certified at the time of Bidding	The Router should be CE/FCC/NDPP/EAL3 certified at the time of Bidding
35	6.1 Bill of Materials & Technical Specifications	129 & 130	Item No.50, Code: UPS 001/ 1KVA UPS with 30mins backup, built inbattery,	1KVA UPS with 30mins backup, built in battery	1KVA UPS with up to 30mins backup, built in-battery or external, Online UPS, Pure Sine Wave Output, should have minimum 3 output sockets.
36	6.1 Bill of Materials & Technical Specifications	129 & 130	Item No.51, Code: UPS 002 1KVA UPS with30mins backup, built inbattery with SNMP	1KVA UPS with 30mins backup, built in battery with SNMP support	1KVA UPS with up to 30mins backup with SNMP support, built in battery or external, Online UPS, Pure Sine Wave Output, a should have minimum 3 output sockets.

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37	9. Payment Clause	49	9. Payment Clause	b) If work could not be completed due to Circumstances beyond the control of the bidder, then 75% payment will be paid on proof of delivery to the consignee along with CUSTOMER SIGNED SITE NOT READY REPORT. Remaining 20% of the basic cost of the ordered items will be released after successful completion of the Acceptance Test of Network / Link and certification of the same by ELCOT against each LOI / work order.	b) If work could not be completed due to Circumstances beyond the control of the bidder, then 75% payment will be paid on proof of delivery to the consignee along with CUSTOMER SIGNED SITE NOT READY REPORT. Remaining 20% of the basic cost of the ordered items will be released after successful completion of the Acceptance Test of Network / Link and certification of the same by ELCOT against each LOI / work. If the Purchaser is not issuing an SNR (Site Not Ready), the Successful Bidder may give an Undertaking to ELCOT stating that the Purchaser is not issuing an SNR. The 75% of total cost of the invoice will be made to the Successful Bidder on verifying the same with the Purchaser
38	6.1 Bill of Materials & Technical Specifications	97	Item No.23, Code:ROU 001 Branch router Type 1 (Cisco 4321 or equivalent) S.No.3	The proposed router should have following port configuration: a. Should have 2 x SFP GE WAN port from Day 1. b. Should shave 4 x 10/100/1000 LAN ports from Day 1. c. Should support 8 x E1 G.703 ports to be added as and when required	Router should have 2 x 10/100/1000 WAN ports with 1 combo fiber ports from day 1

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39	6.1 Bill of Materials & Technical Specifications	97	Item No.23, Code:ROU 001 Branch router Type 1 (Cisco 4321 or equivalent) S.No.5	Router shall have aggregate throughput minimum 100 Mbps from Day-1 and should be scalable to 300Mbps or Higher.	Router shall have aggregate throughput minimum 50 Mbps from Day-1 and should be scalable to 100Mbps
40	6.1 Bill of Materials & Technical Specifications	97	Item No.23, Code:ROU 001 Branch router Type 1 (Cisco 4321 or equivalent) S.No.31	New	The router should support IP SLA commands or equivalent for configuring redundant lines from day 1
41	6.1 Bill of Materials & Technical Specifications	97	Item No.24, Code:ROU 002 Branch router Type 2 (Cisco 4221 or equivalent) S.No.31	New	The router should support IP SLA commands or equivalent for configuring redundant lines from day 1
42	6.1 Bill of Materials & Technical Specifications	101	Item No.26, Code:ROU 004 4x1GE Ports Card for ROU 001 and ROU 002	4x1GE Ports Card for ROU 001 and ROU 002	1-port GE WAN NIM, dual-mode RJ45 & SFPfor ROU 001 and ROU 002
43	7.4 Hardware Compliance	138	S.No.22, Code: ROU 004	4x1GE Ports Card for ROU 001 and ROU 002	1-port GE WAN NIM, dual-mode RJ45 & SFP for ROU 001 and ROU 002
44	PRICE BID	145	S. No.26, Code:ROU 004	4x1GE Ports Card for ROU 001 and ROU 002	1-port GE WAN NIM, dual-mode RJ45 & SFP for ROU 001 and ROU 002