

No.ITPS-404/2/2026-e-MSITS-Part(1)

MANIPUR STATE IT SOCIETY

(A Government of Manipur Undertaking)

CORRIGENDUM-CUM-PRE-BID QUERIES AND REPLIES

Tender: Integrated ICT Infrastructure for IT SEZ Building No. II, now Manipur Cyber Hub Building-II

ANNEXURE I — PRE-BID QUERIES, REPLIES AND BID DATE EXTENSION

Sl. No.	RFP clause / page	Existing RFP requirement	Query / amendment requested	MSITS Reply
1	2 / 57 Firewall Throughput	Firewall Throughput - Minimum 40 Gbps	Kindly amend the clause as requested below: Minimum 14 Gbps, measured with real-world enterprise application-mix traffic with application identification and logging enabled. Justification: The revised 14 Gbps requirement, measured with real-world enterprise application traffic, application identification, and logging enabled, reflects practical deployment conditions and enables broader participation while ensuring reliable firewall performance.	Accepted
2	3 / 57 NGFW Throughput	NGFW Throughput - Minimum 10 Gbps with firewall, IPS and application control enabled	Kindly amend the clause as requested below: Minimum 7.5 Gbps with firewall, IPS and application control enabled, measured with real-world enterprise application-mix traffic and logging enabled. Justification: The revised 7.5 Gbps requirement with firewall, IPS, application control, and logging enabled ensures performance is evaluated with essential security services active, supporting effective threat prevention under realistic workloads.	Accepted
3	4 / 57 Threat-Protection Throughput	Threat-Protection Throughput - Minimum 8 Gbps with IPS, application control and anti-malware enabled	Kindly amend the clause as requested below: The proposed NGFW shall provide a minimum Threat Prevention throughput of 7 Gbps. The quoted Threat Prevention throughput shall be measured under representative enterprise application traffic with Application Identification/visibility and Control, Intrusion Prevention System (IPS), Antivirus/Anti-Malware, Anti-Spyware/Anti-Bot, File Inspection, Security Logging, and integration with Sandboxing service from day one. Justification: The revised 7 Gbps requirement with IPS, application control, anti-malware, inline sandbox file analysis, file blocking, and logging enabled prioritizes actual threat prevention performance over raw throughput, while supporting broader participation.	Accepted
4	5 / 57 SSL/TLS Inspection	SSL/TLS Inspection - Minimum 5 Gbps	Kindly amend the clause as requested below: Minimum 2 Gbps Justification: The revised minimum 2 Gbps requirement provides a practical benchmark for encrypted traffic inspection, enabling security threats hidden within SSL/TLS sessions to be identified and prevented while accommodating a wider range of enterprise-grade solutions.	Accepted
5	6 / 57 IPsec VPN Throughput	IPsec VPN Throughput - Minimum 10 Gbps	Kindly amend the clause as requested below: Minimum 6.5 Gbps, measured with 64 KB HTTP transactions and logging enabled. Justification: The revised minimum 6.5 Gbps requirement, measured using 64 KB HTTP transactions with logging enabled, reflects practical encrypted traffic performance and supports secure site-to-site connectivity under realistic operating conditions.	Accepted
6	7 / 57	Concurrent Sessions - Minimum 4 million	Kindly amend the clause as requested below:	Accepted

Sl. No.	RFP clause / page	Existing RFP requirement	Query / amendment requested	MSITS Reply
	Concurrent Sessions		Minimum 1.4 million concurrent sessions, measured with HTTP (application-layer) transactions. Justification: The revised minimum 1.4 million concurrent sessions, measured using HTTP application-layer transactions, establishes a practical session-capacity benchmark for enterprise workloads while allowing participation from a broader range of capable solutions.	
7	8 / 57 New Sessions	New Sessions - Minimum 150,000 sessions per second	Kindly amend the clause as requested below: Minimum 140K new sessions per second, measured with HTTP transactions. Justification: The revised minimum 140,000 new sessions per second, measured using HTTP transactions, maintains a high session-establishment capacity to support dynamic enterprise traffic and application workloads while enabling broader participation.	Accepted
8	General Query / —	Additional clause / general clarification	Please confirm whether the requirement is for 400 CCTV cameras to be installed within the same building, covering the Ground Floor to the 5th Floor?	Yes
9	General Query / —	Additional clause / general clarification	Please confirm whether the requirement is for 40 Network racks and 2 Smart Server Rack to be installed within the same building, covering the Ground Floor to the 5th Floor?	Yes
10	9. Scope of Work / 35 Site Survey and Assessment	9.1 Site Survey and Assessment	As per RFP clause "The system integrator shall conduct a detailed survey of all project locations to assess" mentioned "Location(s)". However, RFP & architecture stated that the proposed solution is for a single building only. Kindly confirm whether the project is limited to a single building or involves multiple locations. If in case, there are multiple location, please confirm the no. of locations. And also, we understand that this is a turnkey project. However, the document includes a requirement for conducting a "site survey of all project locations of the existing infrastructure". Could you kindly clarify what is meant by "existing infrastructure" in this context?.	Single Location
11	Management ports - / 55 17.1 WAN Switch	Management ports - Dedicated out-of-band management Ethernet, USB-C/RJ45 console and USB host port, or equivalent.	Kindly amend the clause as requested below: USB-C/RJ45 console and USB host port, or equivalent.	Accepted
12	Port configuration / 56 17.2 Layer-3 Core Switch	Minimum 48 × 1/10/25GbE SFP/SFP+/SFP28 ports and 6 × 40/100GbE QSFP+/QSFP28 ports; all required licences enabled from day one.	Kindly amend the clause as requested below: Minimum 32 × 1/10/25GbE SFP/SFP+/SFP28 ports and 4 × 40/100GbE QSFP+/QSFP28 ports; all required licences enabled from day one.	Accepted
13	Performance / 56 17.2 Layer-3 Core Switch	Switching capacity ≥ 3.6 Tbps and throughput ≥ 2.6 Bpps; line-rate, non-blocking forwarding with low latency.	Kindly amend the clause as requested below: Switching capacity 2.5 Tbps and throughput ≥ 2.5 Bpps; line-rate, non-blocking forwarding with low latency.	Accepted
14	Layer-3 protocols / 56 17.2 Layer-3 Core Switch	IPv4/IPv6 static routing, OSPFv2/v3, BGP-4/MP-BGP, IS-IS or equivalent, VRF, ECMP, PBR, multicast PIM-SM/SSM and IGMP/MLD.	Kindly amend the clause as requested below: IPv4/IPv6 static routing, OSPFv2/v3 or IS-IS, BGP-4/MP-BGP, VRF, ECMP, PBR, multicast PIM-SM/SSM and IGMP/MLD.	Accepted
15	Scale / 56 17.2 Layer-3 Core Switch	Minimum 4,000 VLANs, 1,000 VRFs, 128,000 MAC addresses and 200,000 combined IPv4 routes, subject to validated profiles.	Kindly amend the clause as requested below: Minimum 4,000 VLANs, 256 VRFs, 128,000 MAC addresses and 200,000 combined IPv4 routes, subject to validated profiles.	Accepted
16	Security / 56 17.2 Layer-3 Core Switch	Role/port-based ACLs, CoPP, 802.1X, RADIUS/TACACS+, SSHv2, SNMPv3, secure boot, signed images and MACsec-256 on supported high-speed ports.	Kindly amend the clause as requested below: Role/port-based ACLs, CoPP, 802.1X, RADIUS/TACACS+, SSHv2, SNMPv3, secure boot, signed images and MACsec-256 on supported high-speed ports(40/100G).	Accepted
17	PoE / 59 17.5 Managed PoE Access Switch	IEEE 802.3af/at, up to 30 W per port; aggregate PoE capacity at least 740 W with both proposed PSUs installed.	Kindly amend the clause as requested below: IEEE 802.3af/at, up to 30 W per port; aggregate PoE capacity at least 370 W	Accepted
18	Power/cooling / 59 17.5 Managed PoE Access Switch	Two field-replaceable hot-swappable AC PSUs (minimum 680 W each) and field-replaceable front-to-back fan tray.	Kindly amend the clause as requested below: Should have internal power supply and Fans	Accepted
19	Stacking/HA / 59 17.5 Managed PoE	Support standards-based or virtual stacking of at least eight switches with single management	Kindly amend the clause as requested below: Support standards-based or virtual stacking of at least six switches with single management plane;	Accepted

Sl. No.	RFP clause / page	Existing RFP requirement	Query / amendment requested	MSITS Reply
	Access Switch	plane; LACP, redundant links and hitless/controlled failover.	LACP, redundant links and hitless/controlled failover.	
20	Layer-2 / 59 17.5 Managed PoE Access Switch	4,000 VLANs, MSTP/RSTP, LACP, LLDP/LLDP-MED, IGMP/MLD snooping, jumbo frames, DHCP relay, loop and storm protection.	Kindly amend the clause as requested below: 4,000 VLAN Ids(500 Active VLAN), MSTP/RSTP, LACP, LLDP/LLDP-MED, IGMP/MLD snooping, jumbo frames, DHCP relay, loop and storm protection.	Accepted
21	Layer-3 / 59 17.5 Managed PoE Access Switch	IPv4/IPv6 static routing, OSPFv2/v3, VRRP, routed interfaces and ACL-based policy; all functions licensed from day one.	Kindly amend the clause as requested below: IPv4/IPv6 static routing, and ACL-based policy; all functions licensed from day one.	Accepted
22	Management / 59 17.5 Managed PoE Access Switch	Dedicated OOB Ethernet, USB-C and RJ45 console, USB host; CLI, SNMPv3, SSHv2, REST API, sFlow and central NMS integration.	Kindly amend the clause as requested below: Dedicated USB-C or RJ45 console, USB host; CLI, SNMPv3, SSHv2, REST API, sFlow and central NMS integration.	Accepted
23	Power/cooling / 59 17.6 Managed Non-PoE Access Switch	Two field-replaceable hot-swappable AC power supplies of minimum 250 W each and minimum one field-replaceable front-to-back fan tray; redundant power operation shall be supported.	Kindly amend the clause as requested below: Should have internal power supply and Fans	Accepted
24	Stacking/HA / 59 17.6 Managed Non-PoE Access Switch	Support standards-based or virtual stacking of at least eight switches with single management plane; LACP, redundant links and hitless/controlled failover.	Kindly amend the clause as requested below: Support standards-based or virtual stacking of at least six switches with single management plane; LACP, redundant links and hitless/controlled failover.	Accepted
25	Layer-2 / 59 17.6 Managed Non-PoE Access Switch	4,000 VLANs, MSTP/RSTP, LACP, LLDP/LLDP-MED, IGMP/MLD snooping, jumbo frames, DHCP relay, loop and storm protection.	Kindly amend the clause as requested below: 4,000 VLAN Ids(500 Active VLAN), MSTP/RSTP, LACP, LLDP/LLDP-MED, IGMP/MLD snooping, jumbo frames, DHCP relay, loop and storm protection.	Accepted
26	Layer-3 / 59 17.6 Managed Non-PoE Access Switch	IPv4/IPv6 static routing, OSPFv2/v3, VRRP, routed interfaces and ACL-based policy; all functions licensed from day one.	Kindly amend the clause as requested below: IPv4/IPv6 static routing, and ACL-based policy; all functions licensed from day one.	Accepted
27	Management / 59 17.6 Managed Non-PoE Access Switch	Dedicated OOB Ethernet, USB-C and RJ45 console, USB host; CLI, SNMPv3, SSHv2, REST API, sFlow and central NMS integration.	Kindly amend the clause as requested below: Dedicated USB-C or RJ45 console, USB host; CLI, SNMPv3, SSHv2, REST API, sFlow and central NMS integration.	Accepted
28	Optical access / 74 17.21 NMS Server and Device Licences	Monitor OLTs, ONTs/ONUs and optical-access infrastructure.	OLT/GPON is not an out-of-the-box template. OLT monitoring through the SNMP Device Catalog using the device MIB; ONT/ONU visibility depends on what the OLT exposes via SNMP. Requires the OLT make/model before confirmation.	Deleted
29	Power infrastructure/ 74 17.21 NMS Server and Device Licences	Monitor UPS, intelligent PDUs and smart racks.	UPS supported out of the box. Intelligent PDUs and smart racks monitored over SNMP through the SNMP Device Catalog, provided the device has an SNMP interface.	Accepted
30	Cooling and environment/ 74 17.21 NMS Server and Device Licences	Monitor precision cooling and environmental-monitoring systems.	Precision cooling and environmental monitoring over SNMP through the SNMP Device Catalog, provided the device has an SNMP interface.	Accepted
31	Surveillance and IP devices/ 74 17.21 NMS Server and Device Licences	Monitor CCTV, VMS and other SNMP/IP-enabled equipment.	CCTV cameras, VMS servers and other IP devices monitored through ping/port/service checks and SNMP where the device supports it.	Accepted
32	Facility protocols/ 74 17.21 NMS Server and	Support Modbus TCP/IP for UPS, PDU, cooling and environmental equipment.	Modbus TCP/IP is not supported. Alternative: monitor UPS/PDU/cooling/environmental devices through their SNMP cards, or the SI provides a Modbus-to-SNMP gateway.	Deleted

Sl. No.	RFP clause / page	Existing RFP requirement	Query / amendment requested	MSITS Reply
	Device Licences			
33	Model-driven telemetry/ 74 17.21 NMS Server and Device Licences	Support streaming telemetry, NETCONF and RESTCONF where supported.	Streaming telemetry (gNMI), NETCONF and RESTCONF collection are not supported. Equivalent data is collected through SNMP, SSH and vendor REST APIs.	Deleted
34	Custom/GIS maps/ 74 17.21 NMS Server and Device Licences	Custom map import and geographical/GIS-based device visualization.	Geographical visualization is supported through Geo Map (geographic map services or online mapping services, API key). Import of custom background images/floor plans is to be confirmed during technical evaluation.	Accepted
35	Exception identification/ 74 17.21 NMS Server and Device Licences	Identification of unmanaged, duplicate and unreachable devices.	Unreachable devices are identified through availability monitoring. Duplicate and unmanaged device identification is not possible	Accepted
36	GPON monitoring/ 75 17.21 NMS Server and Device Licences	OLT/ONT status, optical power, PON-port utilization and subscriber availability.	Linked to Sr. 13 – possible through custom SNMP templates for the specific OLT vendor; subscriber-level availability depends on the OLT MIB. Requires OLT make/model.	Deleted
37	Alarm workflow/ 75 17.21 NMS Server and Device Licences	Alarm acknowledgement, assignment, comments and complete audit history.	Acknowledgement, comments and audit trail are supported. Native alarm assignment to individuals to be confirmed; assignment is available through the ITSM ticketing system.	Accepted
38	Predictive identification/ 75 17.21 NMS Server and Device Licences	Predictive identification of link congestion, capacity exhaustion and hardware degradation.	Forecast policy predicts metric trends and alerts on deviation (link utilisation, capacity). Explicit hardware-degradation prediction is not documented.	Accepted
39	Pattern identification/ 75 17.21 NMS Server and Device Licences	Identification of recurring incidents and failure patterns.	Recurring alerts identified through alert history and reports; automated failure-pattern mining is not documented.	Accepted
40	Corrective recommendations/ 75 17.21 NMS Server and Device Licences	Pre defined Recommended corrective actions and troubleshooting steps.	Pre-defined runbooks/actions can be attached to policies (e.g. diagnostic scripts). AI-generated corrective recommendations are not available.	Accepted
41	Administrator feedback/ 75 17.21 NMS Server and Device Licences	Feedback mechanism allowing administrators to confirm or reject AI findings.	No documented mechanism for administrators to confirm/reject AI findings.	Deleted
42	Explainability/evidence/ 75 17.21 NMS Server and Device Licences	Display of the telemetry, alarms and historical evidence supporting every AI conclusion.	The alert detail page shows the triggering metric, trend and history as supporting evidence. A dedicated AI explanation per conclusion is not available.	Accepted
43	User interface/ 75 17.21 NMS Server and	Natural-language chatbot interface integrated with the NMS.	Natural-language AI assistant capability is not available in the current release.	Deleted

Sl. No.	RFP clause / page	Existing RFP requirement	Query / amendment requested	MSITS Reply
	Device Licences			
44	Operational queries/ 75 17.21 NMS Server and Device Licences	Answer queries regarding device status, outages, utilization and alarms.	Natural-language AI assistant capability is not available in the current release.	Deleted
45	Health and incident summaries/ 75 17.21 NMS Server and Device Licences	Generate network-health summaries and incident timelines.	Linked to Sr. 61. Health and incident data available through dashboards and reports, but not generated by an AI assistant.	Deleted
46	Data analysis/ 75 17.21 NMS Server and Device Licences	Analyse Syslog, SNMP traps, configuration changes and performance data.	Linked to Sr. 61. Syslog, traps, configuration changes and performance data are analysed through the platform's search/analytics, not through an AI assistant.	Deleted
47	Troubleshooting / 75 17.21 NMS Server and Device Licences guidance	Suggest CLI commands and step-by-step troubleshooting procedures.	Linked to Sr. 61. Not available.	Deleted
48	Incident documentation/ 75 17.21 NMS Server and Device Licences	Prepare incident reports and root-cause-analysis drafts.	Linked to Sr. 61. Standard incident/alert reports available; AI-drafted RCA documents not available.	Deleted
49	Knowledge search/ 75 17.21 NMS Server and Device Licences	Search equipment manuals, approved SOPs and internal knowledgebase documents.	Linked to Sr. 61. Search of manuals, SOPs and knowledge-base documents not available.	Deleted
50	Role-based restriction/ 75 17.21 NMS Server and Device Licences	Role-based restriction of information and available actions.	Linked to Sr. 61. Platform RBAC is available, but there is no AI assistant to restrict.	Deleted
51	Default operating mode/ 75 17.21 NMS Server and Device Licences	AI assistant shall operate in read-only mode by default.	Linked to Sr. 61.	Deleted
52	Human approval/ 75 17.21 NMS Server and Device Licences	Configuration changes or remediation actions shall require authorized human approval.	Linked to Sr. 61. Note: runbook/remediation actions in the platform run only as configured by authorised administrators.	Deleted
53	Auditability/ 75 17.21 NMS Server and Device Licences	All AI conversations, recommendations and approved actions shall be auditable.	Linked to Sr. 61. User and configuration actions are audited; AI conversation audit not applicable.	Deleted
54	AI governance/ 76 17.21 NMS Server and Device Licences	AI governance and risk controls should be aligned with the principles of the NIST AI Risk Management Framework.	Linked to Sr. 61. No documented NIST AI RMF alignment.	Deleted

Sl. No.	RFP clause / page	Existing RFP requirement	Query / amendment requested	MSITS Reply
55	Data portability/ 76 17.21 NMS Server and Device Licences	Import and export of inventory, alarms and performance data.	Inventory import (CSV discovery) and export through reports/API; bulk import of historical alarms/performance data is not documented.	Accepted
56	8.8.2 – Technical Evaluation Criteria, Sl. No. 3; Page 29	Experience in OFC / GPON / Enterprise Network Projects (20 Marks) Number of Districts where OFC / GPON / Enterprise Network Projects have been successfully completed in any State of North Eastern India: (i) 3 Districts in any State of North Eastern India – 5 Marks (ii) 6 Districts in any State of North Eastern India – 10 Marks (iii) 9 Districts in any State of North Eastern India – 20 Marks	The value of a completed OFC / GPON / Enterprise Network / ICT infrastructure project in any State of North Eastern India: (i) Rs. 5 Crore up to Rs. 10 Crore – 5 Marks; (ii) Rs. 10 Crore up to Rs. 15 Crore – 10 Marks; (iii) Rs. 15 Crore and above – 20 Marks.	Not Accepted
57	Section 4 – Fact Sheet and Important Dates / Page 12 Last Date & Time for Online Bid Submission	Last Date & Time for Online Bid Submission: 21 October 2026 at 1:00 PM	Extend by five (5) calendar days. Revised date and time: 26 October 2026 at 1:00 PM	Extended by 5 days
58	Section 4 – Fact Sheet and Important Dates / Page 12 Opening of Pre-Qualification & Technical Bids	Opening of Pre-Qualification & Technical Bids: 21 October 2026 at 2:00 PM	Extend by five (5) calendar days. Revised date and time: 26 October 2026 at 2:00 PM	Extended by 5 days

Publication check: Confirm project quantities and all approved technical deletions against the signed technical committee decision. An approved amended specification schedule should accompany this corrigendum.

All other RFP terms and milestones remain unchanged except amendments expressly approved and published by MSITS, including the five (5) calendar-day extension recorded in Annexure I.

Digitally signed by
Gurumayum Robert Sharma
Date: 19-10-2026 10:50:03