

SUPPLEMENTAL/BID BULLETIN NO. 2

PROJECT : CCTV Devices at Various LANDBANK Offices and Branches with Live Viewing/Remote Monitoring for Three (3) Years under Project Identification No. LBP-GIBAC-ITB-GS-20250516-01(2)

IMPLEMENTOR : Bids and Awards Committee for Goods and Infrastructure (GI-BAC)

DATE : 09 October 2025

This Supplemental/Bid Bulletin is issued to modify, amend and/or clarify specific items in the Bidding Documents. It shall form an integral part of the Bidding Documents.

Modification, amendment and/or clarification:

1. The Terms of Reference (Annex D-1 to D-30), Schedule of Requirements (Section VI), Technical Specifications (Section VII) and Checklist of Bidding Documents (Item Nos. 11 and 12 of Technical Documents and Item No. 23 of Other Documents to Support Compliance with Technical Specifications) have been revised. Please see attached revised Annexes D-1 to D-30 and specific sections of the Bidding Documents.
2. Responses to Bidder's Queries/Clarifications per attached Annexes H-1 to H-21.
3. The Submission and Opening of Bids is rescheduled on 16 October 2025 at 10:00 A.M. through videoconferencing using Microsoft (MS) Teams application.

By authority of the GI-BAC:


HONORIO T. DIAZ, JR.
Head, GI-BAC Secretariat

Schedule of Requirements

The delivery schedule/contract period expressed as weeks/months/years stipulates hereafter a delivery/performance period which is the period within which to deliver the goods or perform the services in the project site/s.

Lot No.	Description	Quantity	Delivered, Weeks/Months
1	<p>CCTV Devices at Various LANDBANK Offices and Branches with Live Viewing/Remote Monitoring for Three (3) Years</p> <p><u>Delivery Site and Contact Details:</u></p> <ul style="list-style-type: none"> For LANDBANK Head Office 1598 M.H. Del Pilar St. corner Dr. J. Quintos St., Malate, Manila 1004 Mr. Romulo E. Sapitula Vice President/Head, SD Contact No.: 8-522-0000 local 2126 For LANDBANK Offices/Branches Please refer to Revised Annexes D-9 to D-11 of the Terms of Reference. 	Refer to Bill of Quantities (Annex E)	<p>Milestone 1 Conduct of Project Kick-off and submission of LBP approved Project Management Plan: Within Twenty-two (22) working days from receipt of Notice to Proceed (NTP).</p> <p>Milestone 2 Delivery of Equipment to LANDBANK Head Office and 61 LBP Branches: Within Seventy (70) calendar days from receipt of NTP.</p> <p>Milestone 3 Set-up, Installation and Configuration of Project Hardware in LBP Head Office and 61 LBP Branches: Within One Hundred Twenty (120) calendar days from completion of Milestone 2.</p>
<p>Implementing Unit: LANDBANK Security Department Mr. Romulo E. Sapitula, Vice President/Head, SD</p>			

Conforme:

Name of Bidder

Signature Over Printed Name of
Authorized Representative

Position

Technical Specifications

Specifications	Statement of Compliance
<p align="center">CCTV Devices at Various LANDBANK Offices and Branches with Live Viewing/Remote Monitoring for Three (3) Years</p> <ol style="list-style-type: none"> 1. Technical specifications, scope of works, and other requirements per attached Terms of Reference (Revised Annexes D-1 to D-30) and Bill of Quantities (Annex E). 2. Documentary requirements enumerated in Item C, No. 4 (Revised Annexes D-11 to D-13) of the Terms of Reference. <p>Non-submission of the above documents/requirements may result in the post-disqualification of the bidder.</p>	<p>Bidders must signify their compliance with the Technical Specifications/Terms of Reference by stating below either "Comply" or Not "Comply"</p> <p>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 specification 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 rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.</p>

Conforme:

Name of Bidder

Signature over Printed Name of
Authorized Representative

Position

Checklist of Bidding Documents for Procurement of Goods and Services

The documents for each component should be arranged as per this Checklist. Kindly provide guides or dividers with appropriate labels.

Eligibility and Technical Components (PDF File)

- ***The Eligibility and Technical Component shall contain documents sequentially arranged as follows:***

- **Eligibility Documents – Class “A”**

Legal Eligibility Documents

1. Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages).

Technical Eligibility Documents

2. Duly notarized Secretary's Certificate attesting that the signatory is the duly authorized representative of the prospective bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the prospective bidder in the bidding, if the prospective bidder is a corporation, partnership, cooperative, or joint venture or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder. (sample form - Form No. 7).
3. Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid, within the last five (5) years from the date of submission and receipt of bids. The statement shall include all information required in the sample form (Form No. 3).
4. Statement of the prospective bidder identifying its Single Largest Completed Contract (SLCC) similar to the contract to be bid within the relevant period as provided in the Bidding Documents. The statement shall include all information required in the sample form (Form No. 4).

Financial Eligibility Documents

5. The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.
6. The prospective bidder's computation for its Net Financial Contracting Capacity (NFCC) following the sample form (Form No. 5), or in the case of Procurement of Goods, a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

○ **Eligibility Documents – Class “B”**

7. Duly signed valid joint venture agreement (JVA), in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful shall be included in the bid. Failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security. Each partner of the joint venture shall submit its legal eligibility documents. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance, provided, that the partner responsible to submit the NFCC shall likewise submit the statement of all its ongoing contracts and Audited Financial Statements.
8. For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos, Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
9. Certification from the DTI if the Bidder claims preference as a Domestic Bidder.

○ **Technical Documents**

10. Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).
11. **Revised Section VI** – Schedule of Requirements with signature of bidder's authorized representative.
12. **Revised Section VII** – Specifications with response on compliance and signature of bidder's authorized representative.
13. Duly notarized Omnibus Sworn Statement (OSS) (sample form - Form No.6).

Note: During the opening of the first bid envelope (Eligibility and Technical Component) only the above mentioned documents will be checked by the BAC if they are all present using a non-discretionary “pass/fail” criterion to determine each bidder's compliance with the documents required to be submitted for eligibility and the technical requirements.

Other Documents to Support Compliance with Technical Specifications [must be submitted inside the first bid envelope (Eligibility and Technical Component)]

14. Certification that the supplier is at least ten (10) years of existence in the IT industry in reference to Securities and Exchange Commission (SEC) documents.
15. Manufacturer's certification/authorization issued by the principal/manufacturer authorizing the supplier to sell and provide the equipment being offered.
16. Certification of being a Gold Partner or equivalent of the principal/manufacturer of this specific project.
17. Two (2) Certificates of Satisfactory Performance rated by at least two (2) previous clients/customers with issuance date not earlier than three (3) months prior to the opening of the bids:

- For New Service Provider without existing or completed contract with the PROCURING ENTITY for the years 2020 to 2024, two (2) certificates shall be submitted wherein one (1) of which must be issued by a Bank operating in the Philippines with at least sixty (60) branches covered.
 - For Service Provider with existing and completed contract with the PROCURING ENTITY from 2020 to 2024, one (1) of the Certificates must be issued by LBP Security Department (LBP-SD), as the Bank's units responsible for security.
18. Certificate of Employment and Resume/Curriculum Vitae of one (1) Project Manager (PM) with both Project Management Professional (PMP) and Information Technology Infrastructure Library (ITIL) certifications or one (1) PM with PMP certification and one (1) PM with ITIL certification, and has at least five (5) years' work experience as PM and handled at least one (1) Philippine Commercial or Universal bank.
 19. Certificate of Employment and Resume/Curriculum Vitae of at least two (2) Technical Support Engineers and a copy of their Certification that they are accredited of the Brand being offered.
 20. Certificate of Employment and Resume/Curriculum Vitae of at least two (2) Technical Support Personnel and a copy of Cabling and CCTV Implementation related certifications.
 21. Certificate of Employment and Resume/Curriculum Vitae of at least two (2) personnel assigned to the project and a copy of their Professional Level Network Certification indicating that they are accredited of the proposed Brand or Solution.
 22. Certificate of Employment and Resume/Curriculum Vitae of at least two (2) Technical Engineers indicating at least three (3) years of experience handling Command Centers or Network/Security Operations Center.
 23. **Copy of all these Certifications: ISO 27001:2022 (ISMS); ISO 9001:2015 QMS) or ISO 14001:2015 9EMS); and ISO 22301:2019 (BCMS)**
 24. Copy of Certification issued by the National Telecommunications Commission (NTC) that the supplier must be a Value-Added Service Provider registered under NTC.
- **Post-Qualification Documents/Requirements – [The bidder may submit the following documents/requirements within five (5) calendar days after receipt of Notice of Post-Qualification]:**
25. Business Tax Returns per Revenue Regulations 3-2005 (BIR No.2550 Q) VAT or Percentage Tax Returns for the last two (2) quarters filed manually or through EFPS.
 26. Latest Income Tax Return filed manually or through EFPS.
 27. Original copy of Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).

28. Original copy of duly notarized Omnibus Sworn Statement (OSS) (sample form - Form No.6).
29. Duly notarized Secretary's Certificate designating the authorized signatory in the Contract Agreement if the same is other than the bidder's authorized signatory in the bidding (sample form – Form No. 7).

Financial Component (PDF File)

- ***The Financial Component shall contain documents sequentially arranged as follows:***
 1. Duly filled out Bid Form signed by the Bidder's authorized representative (sample form - Form No.1)
 2. Duly filled out Schedule of Prices signed by the Bidder's authorized representative (sample form - Form No.2).
 3. Dully filled out Bill of Quantities Form (Annex E) signed by the Bidder's authorized representative.

Note: The forms attached to the Bidding Documents may be reproduced or reformatted provided the information required in the original forms and other requirements like signatures, if applicable, are complied with in the submittal.

CLASS D**TERMS OF REFERENCE****A. Name and Description of the Project**

Name : CCTV Devices at Various LANDBANK Offices and Branches with Live Viewing/Remote Monitoring for Three (3) Years.

Description : Supply, Delivery, Installation and Activation of CCTV Devices with Live Viewing/Remote Monitoring at various LANDBANK Offices and Branches.

B. Objectives

The project aims to enhance safety and security measures by installing and activating remote viewing of CCTV cameras of various LANDBANK Offices and Branches.

C. Project/Services Requirements**1. Technical Specification**

Category	Specification Requirements (Minimum)
1. Network Video Recorder	NVR shall support hybrid storage of video and images. NVR shall support single-node and multi-node networks, featuring high reliability.
	NVR shall support the Data Safe function, enabling dual backup of key system data.
	NVR shall support safe video, ensuring that data is still readable and writable in remaining normal disks upon a RAID5 failure
	NVR shall support algorithm plug-in integration and management.
	NVR shall support free of system disks and available upon device startup, Plug-and-play and automatic discovery and configuration Status indicators, facilitating device and disk maintenance.
	NVR shall support Embedded Linux operating system to ensure 24/7 stable running, protecting the system from hacker attacks and viruses.
	NVR shall support target analysis: Supports 2-channel 1080p video-based target analysis, and up to 6-channel image-based target analysis (1080p).
	NVR shall support at least 64 Channel and support H.265.
	NVR shall support at least 8 units of HDD and support RAID 0, 1, 5 ; NVR shall support enterprise disks at least including: 4 TB, 6 TB, 8 TB, or 16 TB .
	NVR shall support at least 2 HDMI. NVR shall support at least 1/4/8/9/16/32/64 LiveView Display.
	NVR shall support at least 2 x GE electrical ports, support for the load balancing and multi-address modes

	NVR shall support at least TCP, UDP, RTP, RTCP, HTTP, SNMP, NTP, SMTP, DHCP, SSH, SFTP, FTP, and RTSP
	NVR shall support at least 3 x USB ports and 16 alarm-in ports and 4 alarm-out ports Operating temperature: -5°C to +55°C.
2. Intelligent IP Camera	The camera shall support 1/2.7" Progressive CMOS and resolution at least 5MP 2880(H) x 1620(V).
	The Focal Length of camera shall support 2.8–12 mm ; and Max Aperture at least F1.3.
	The Field of View shall at least support: Horizontal: 32° (T) to 95° (W); vertical: 18° (T) to 52° (W).
	The Shutter Time of camera shall support: 1/100000s to 1/25s.
	The camera shall support Built-in IR illuminators, effective up to 30 meters. The camera shall support H. 265, H.264 & MJPEG. The camera shall support Frame Rate: 5-megapixel: 20 fps; < 5-megapixel: 30 fps or 25 fps.
	IP Camera shall support following three algorithms switching: 1. Target detection mode: Target detection, Target attribute recognition, person detection. 2. Behavior analysis mode: fast movement and tripwire crossing detection, Intrusion, Entry/Exit Area, Loitering. 3. Crowd situation analysis mode: Queue length/Head counting/Crowd flow statistics.
	The camera shall support Protocols IPv4: TCP, UDP, IPv4, DHCP, DNS, ICMP, IGMP, HTTPS, FTP, SFTP, RTP, RTSP, RTCP, SIP, ARP, SSL, NTP, SNMP (V1/V2/V3), 802.1X, QoS, and RPPoE. Protocols supported by IPv6: HTTPS, RTP, RTCP, RTSP, ONVIF, IPv6, ICMPv6, and DHCPv6.
	The camera shall support at least 1 RJ45 10M/100M adaptive Ethernet port, 2 input Alarm ports and 1 output Alarm ports. One microSD card slot that supports microSDHC/microSDXC, memory card capacity at least: 256 GB and 1 RS-485 port.
	The encoding compression bit rate reaches 50% while ensuring that the video image quality is not greatly affected.
	The camera shall support: IP rating IP67 IK rating IK10 Surge protection 4 kV Operating temperature -30°C to +60°C Power type 12 V-DC and PoE (IEEE 802.3af).
3. Branch Router	SD-WAN performance at least 250 Mbps.
	Forwarding Performance at least 300 Mbps.
	IPsec Performance Up to 300 Mbps.
	WAN interfaces at least 1*GE
	LAN interfaces at least 4*GE RJ45.

	Support integrated LTE.
	Memory speed of at least 1 Gbps.
	Flash memory at least 1 GB .
	Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP, IPv6 PIM, MLD.
	Support Routing policies, static routes, RIP, OSPF, IS-IS, BGP.
	Support IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6, Static routes, routing policies, RIPng, OSPFv3, IS-ISv6, BGP4+.
	Support IPsec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, L2TPv3 VPN, Ethernet over GRE, VxLAN.
	Support ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR, blacklist, attack source tracing, online behavior management, URL filtering.
	Support DiffServ mode, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, WLAN QoS, FR QoS, Smart Application Control (SAC), SPR.
4. POE Access Switch	8 x 10/100/1000BASE-T RJ-45 PoE Ports, 4 x GE SFP ports
	2 Core, 1 GHz.
	Minimum of 2GB memory
	Switching capacity of at least 24 Gbps.
	Built-in power supply.
	Minimum of 125 W.
	Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w), MSTP (IEEE 802.1s), BPDU protection, root protection and loop protection, ERPS (ITU-T G.8032 Standard Ethernet Ring Protection Switching).
	Support MAC address, IP address (source / destination), Protocol type.
	Support for link aggregation for higher bandwidth.
	Minimum of 32000 addresses capacity.
	Minimum of 4000 FIBv4 entries.
	Support for at least 4000 VLAN.
	Supports guest, voice, principal VLAN.
	Supports WEB GUI, SSH, manageable by the proposed SD-WAN controller using permanent license.
	Support static route, RIP, RIPng, OSPF, OSPFv3.
	Must support a method that can collect port traffic statistics for network optimization.
	Supports PIM DM, PIM-SM, PIM SSM, IGMPv1/v2/v3 and IGMPv1/v2/v3 snooping, MLD v1/v2 and MLDv1/v2 snooping.
	DoS attack defense, ARP attack defense, and ICMP attack defense, Binding of the IP address, MAC address, interface

	number, and VLAN ID, Port isolation, port security, and sticky MAC, DHCPv6 ready, DHCPv6 server, DHCPv6 snooping.
5. Surveillance Management Platform	The VMS shall support Integrating management, application, and server, with a maximum of 10000 video access capability;
	The VMS shall supports live preview, instant playback, smooth display, code flow switching, audio intercom, 3D positioning, digital amplification, intelligent information overlay, device resource tree management, manual snapshot, client end local footage, privacy protection, PTZ control, bookmark marking, one key the Internet, live-view layout rotation, video playback, synchronous playback, asynchronous playback, video bookmarking, video download, video fragments retrieval, electronic map, video relay, video patrol task configuration.
	The VMS shall support display and control device management, layout management, video control in the Internet, camera rotation, contingency plan management, and alarm in the Internet.
	The VMS shall support overall video wall parameter configuration, Video wall management quantity at least 64, Decoding device management quantity at least 500;
	The VMS shall support target snapshot/recognition, vehicle intelligence, behavior analysis, situation analysis, general intelligence, I/O alarm, third-party intelligence, IOT event/alarm visualization, and support alarm review/process.
	The VMS shall support intelligent application queries, image search, target trends, passenger flow statistics, and list management.
	The VMS shall support operation and maintenance information visualization, equipment networking visualization, system operation status visualization, equipment online/offline visualization, video quality failure visualization, video failure rate visualization, security dynamics visualization, mixed detection visualization display, target recognition visualization display.
	The Proposed Brand must be in leader or challenger position of Gartner Magic Quadrant of SD-WAN.
	Provide a centralized, visualized, and unified controller platform for router, switches and firewalls.
	Support deployment modes including USB-based deployment, email-based deployment, DHCP-based deployment, and deployment through the registration query center to meet requirements in different scenarios.
	Support batch deployment, and plug-and-play of LAN-side devices. Sites can be configured in batches by copying existing site templates or importing site templates.

6. SD-WAN and Network Controller

	1. WAN interface parameters for URL-based deployment can be modified online, eliminating the need for onsite deployment.
	2. The link through which devices register with the controller can be modified online.
	Supports display physical and logical topologies and allow users to view the physical and logical topologies of multiple VPNs
	Monitor site traffic, applications, and links.
	Supports ping, trace, and fault information collection tools using the controller.
	Allow users to log in to the device background through the controller and run commands to query device information.
	If a device hardware fault occurs, you can replace the device with a new device of the same performance with one click. The live network configuration is automatically imported.
	The controller supports the design of admin users, MSP administrators, and tenant administrators, providing users with more flexible O&M management.
	Supports rights- and domain-based management
	Based on live-network traffic data, algorithms can be used to predict future WAN-side traffic and implement predictive O&M. Based on the prediction, users can optimize QoS policy configurations and upgrade bandwidth in advance.
	Support multi-POP networking. CPEs can be connected to multiple POPs at the same time. When a POP is faulty, fast switchover can be implemented.
	Support full-mesh, hub-spoke, partial mesh, hierarchical networking, and user-defined topology networking
	Supports automatic tunnel connection generation for sites based on the topology without manual configuration. Route learning and advertisement can be automatically orchestrated. Internet access services can be automatically orchestrated.
	Supports more than four links.
	1. Support local breakout at branch sites, centralized access at the HQ site, and multi-tenant access through interconnection between IWGs and PEs. 2. Support two Internet links for load balancing during local breakout.
	Support first-packet identification, signature database identification of more than 6000, and customized applications.
	Support traffic steering based on the link SLA of applications, bandwidth usage and application priority.
	Support flow-based and packet-based load balancing and implement 5-tuple-based traffic policy configuration through ACLs.
	Support SLA in-band link quality detection based on real service flows.

	Support the adaptive forward error correction (A-FEC) function to detect application packet loss in real time.
	Supports site isolation and ESN whitelist.
	Support permanent management licenses for the SD-WAN devices.
	Must provide a set of servers to deploy the SD-WAN controller software.
7. HQ Router	SD-WAN performance at least 4 Gbps
	Forwarding Performance at least 10 Gbps
	IPsec Performance at least 7 Gbps
	WAN interfaces at least 10*10GE SFP+ and at least 10*GE RJ45.
	All WAN ports can be configured as LAN.
	CPU at least 16-core, 2.0 GHz.
	Memory speed of at least 16 Gbps.
	Flash memory at least 4 GB.
	Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP.
	Support Routing policies, static routes, RIP, OSPF, IS-IS, BGP.
	Support RIPng, OSPFv3, IS-ISv6, BGP4+, IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6
	Support IPsec VPN, GRE VPN, DSVPN, L2TP VPN.
	Support ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR, blacklist, attack source tracing, online behavior management, IPS, URL filtering.
8. 24 Port Switch	Support DiffServ mode, MPLS QoS, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control.
	Support Multi-fed and Selective receiving, per-packet load balancing.
	24 x 10/100/1000BASE-T RJ-45 Ports, 4 x 10GE SFP+ ports, 2 allotted stack ports.
	2 Core, 1 GHz.
	Minimum of 2GB memory .
	Switching capacity of at least 176 Gbps.
	At least dual power supply.
	Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w), MSTP (IEEE 802.1s), BPDU protection, root protection and loop protection, ERPS (ITU-T G.8032 Standard Ethernet Ring Protection Switching).
	Supports MAC address, IP address (source / destination), Protocol type.

	Support for link aggregation for higher bandwidth.
	Minimum of 32000 addresses capacity.
	Minimum of 8000 FIBv4 entries.
	Support for at least 4000 VLAN.
	Supports VLAN, voice VLAN, Basic QinQ & Selective QinQ.
	Supports WEB GUI, SSH, manageable by the proposed SD-WAN controller using permanent license.
	Support static route, RIP, RIPng, OSPF, OSPFv3.
	Supports PIM DM, PIM SM, PIM SSM, IGMPv1/v2/v3, IGMPv1/v2/v3 snooping, MLD snooping.
	DoS attack defense, ARP attack defense, ICMP attack defense, Binding of the IP address, MAC address, port number, and VLAN ID, Port isolation, port security, and sticky MAC, DHCPv6 ready.
9. Firewall	2*GE RJ45 + 8*GE COMBO + 2*10GE SFP+.
	4 Core, 1.4 GHz.
	Minimum of 8GB memory .
	IPv4 Firewall throughput should reach 5Gbps at 512 byte UDP.
	IPv6 Firewall throughput should reach 5Gbps at 512 byte UDP.
	Provide at least 240GB HDD Local Hard disk for logs and reports.
	At least dual power supply.
	When fully open Threat Protection including IPS, AV, and URL filtering, throughput should be higher than 1Gbps.
	Supports multiple types of routing protocols and features, such as RIP, OSPF, BGP, IS-IS, RIPng, OSPFv3, BGP4+, and IPV6 IS-IS.
	Supports attack detection and prevention based on over 12000+ local signatures.
	CVE identifiers covered by the IPS over 8000.
	Support at least 6000 Application signature and can be used in business policy such as NAT policy, security policy and bandwidth policy.
	Support at least 15,000 Security Policy.
	Supports WEB GUI, SSH, manageable by the proposed SD-WAN controller using permanent license.
10.1. Server Hardware For Network Controller	For virtualized network management: At least three compute nodes are required.
	Each compute node is configured with at least two CPUs. Each CPU is based on the x86 or ARM architecture and supports at least 2.1 GHz/24 cores.
	Each compute node must have at least 4 x 32 GB memory.

	At least 4 x 1.92 TB SSDs are provided as system disks.
	Each compute node is configured with a RAID controller card that supports 2 GB cache, RAID 0,1,5,6,10,50,60.
	Each compute node provides at least six 25GE optics ports and eight GE RJ45 ports.
	Provide 3-year onsite service and Implementation Service.
10.2. Server Hardware For Video Surveillance	For video surveillance platform management: At least 1 compute node is required.
	Each compute node is configured with at least two CPUs. Each CPU is based on the x86 architecture and supports at least 2.4 GHz/16 cores.
	Each compute node must have at least 8 x 32 GB memory.
	At least 2 x 1.92 TB SSDs are provided as system disks.
	Each compute node is configured with a RAID controller card that supports 4 GB cache, RAID 0,1,5,6,10,50,60.
	Each compute node provides at least two 25GE optics ports and four GE RJ45 ports.
	Provide 3-year remote support /- onsite service and Implementation Service.
11. Video Wall	55" LFD, 5 Units.
	16:9 Display Ratio.
	1920 x 1080 (Full HD) Resolution.
	Continual 24/7 Operation.
12. Internet Connectivity	Landbank Head Office (Security Control Room) – 200 MBPS Bandwidth Dedicated Internet Access (DIA) (with 98% SLA Availability).
	Landbank Branches (Field Units) – 50 MBPS Bandwidth Digital Subscriber Line (DSL) for Branches and Field Units.

2. Areas to be viewed online are the following:

- For Branches
 - a. Main Entrance (inside)
 - b. Tellers' Area
 - c. Inside Vault Room
 - d. ATM Transaction Area
- For Cash Centers/COUs/Sub-COUs
 - a. Main Entrance (inside)
 - b. Cash Counting Area
 - c. Inside Vault Room
 - d. Armored Vehicle Cash Loading and Unloading Area

- For Other LBP Offices
 - a. Main Entrance (inside)
 - b. Work Stations
 - c. Mainframe Area
 - d. Entrance Door (inside)

3. Branch and Address

NATIONAL CAPITAL REGION (NCR)		ADDRESSES
1	Makati Business Center Branch	6783 Robinsons Summit Center Ayala Avenue, Makati City
2	Baclaran Cash Center	LANDBANK Bldg., 714 Roxas Blvd., Baclaran, Parañaque City
3	Alabang Business Center Branch	Ground Floor, Park Trade Centre Condominium, No. 1716 Investment Drive, Madrigal Business Park, Barangay Ayala, Alabang, Muntinlupa City
4	West Avenue Cash Center	#47 Ground Floor, Barangay Paltok West Avenue, Quezon City
5	West Avenue Office Building 1	125 West Ave, Project 7, Quezon City
6	Aurora Quezon City Office Building	725 Aurora Boulevard New Manila, Quezon City
7	West Avenue Office Building 2	#47 2/F, Barangay Paltok West Avenue, Quezon City
8	Visayas Avenue Office Building	Far East Asia Commercial Complex, 282 Visayas Avenue corner Congressional, Pasong Tamo, Quezon City
9	Marcos Highway Branch	MR Commercial Center, Gil Fernando Ave. cor. Pitpitah Street, San Roque, Marikina City
10	Caloocan Cash Center	#151 Samson Road, Caloocan City, Metro Manila
LUZON		ADDRESSES
11	Baguio COU	1/F LANDBANK Baguio Corporate Center, No. 85 Harrison Road, Barangay Harrison-Carantes-Claudio, Baguio City, Benguet 2600
12	Dagupan Branch	Ground Floor, LANDBANK Building A.B. Fernandez Avenue, Dagupan City, Pangasinan
13	San Fernando (La Union) COU	LANDBANK Building, Quezon Avenue, San Fernando City, La Union 2500
14	Tuguegarao Capitol COU	Regional Government Center, Carig Sur, Tuguegarao City, Cagayan
15	Buguias Branch	Mike-Ulo-An's Building, Abatan Buguias, Benguet
16	Bontoc Branch	Provincial Multi-Purpose Building, Poblacion Bontoc, Mountain Province
17	Cabanatuan COU	LANDBANK Building corner Gabaldon & Gen. Tinio Sts., Cabanatuan City, Nueva Ecija
18	Legazpi COU	LANDBANK Building, Rizal St., Cabañgan, Legazpi City, Albay 4500
19	Tarlac COU	LANDBANK Building, McArthur Highway Barangay San Sebastian, Tarlac City, Tarlac
20	Lucena Guinto COU	UCPB Building, Quezon Street corner Guinto Street, Barangay 9, Lucena City, Quezon 4301

Competitive Bidding (Goods and Services and Civil Works)

21	Puerto Princesa COU	#270 Hagedorn Building, Rizal Avenue, Puerto Princesa City, Palawan
22	Naga Rotunda Branch	Panganiban Drive corner Magsaysay Avenue, Concepcion Pequena, Naga City
VISAYAS		ADDRESSES
23	Kalibo Branch	La Esperanza Building, Osmeña Avenue, Kalibo, Aklan
24	Iloilo Branch	Ground Floor, TTK Building, Iznart Street, Iloilo City 5000
25	Kabankalan Branch	Jomabo Building, Tan Lorenzo corner Guanzon Sts., Barangay 3, Kabankalan City, Negros Occidental
26	Bacolod City Branch	Ground Floor, LANDBANK Building Cottage Road corner Gatuslao Streets, Bacolod City, Negros Occidental
27	Tacloban Branch	Brgy 59 B, Real St., Sagkahan District, Tacloban City
28	Borongan Branch	Araba Building, San Pedro Street, Borongan City, Eastern Samar
29	Cebu-Osmeña Boulevard COU	LANDBANK Building, Osmeña Blvd. cor. P. Del Rosario Streets, Cebu City, Cebu
30	Bogo Branch	Ground Floor, Bogo City Centrum, Barangay Taytayan, Bogo, Cebu 6010
31	Dumaguete Branch	NORECO II Building cor. Real & San Juan Streets, Dumaguete City, Negros Oriental
32	Talibon Branch	Ground Floor Talibon Public Mega Market Reclamation Area Poblacion, Talibon, Bohol 6325
33	Sogod Sub-COU	New Bus Terminal Building, Zone III, Sogod, Southern Leyte
34	Catbalogan Sub-COU	Nachura Building, Rizal Avenue, Catbalogan City, Samar
35	Ormoc Sub-COU	Aviles Business Center, Apo Street, Barangay Cogon, Ormoc City, Leyte
36	Naval Branch	Naval Commercial Building, Padre Inocentes, Garcia cor. Abad Sts., Barangay Sto Rosario, Naval, Biliran
MINDANAO		ADDRESSES
37	Ipil Sub-COU	Ground Flr., Fortune Hotel Building Poblacion, Ipil, Zamboanga Sibugay
38	Zamboanga Main COU	Ground Floor, LANDBANK Building F. Marcos cor. Valderosa Sts., Pettit Barracks, Zamboanga City, Zamboanga del Sur
39	KCC Mall de Zamboanga Branch	KCC Mall, Gov. Camins Avenue, Zamboanga City, Zamboanga del Sur
40	WMSU Branch	Western Mindanao State Univ. Campus, San Jose Road Baliwasan, Zamboanga City, Zamboanga del Sur
41	Marawi Sub-COU	Amai Pakpak National Road, Barangay Biaba Damag, Marawi City, Lanao del Sur
42	Bongao Branch	Tolentino Go Building, Bagay Street, Bongao, Tawi-Tawi
43	Jolo Branch	Travisi Street, Jolo, Sulu
44	Basilan Branch	LANDBANK Building, J.S. Alano corner I. Magno Streets, Isabela City, Basilan
45	Lamitan Branch	Quezon Blvd. corner Angela Streets, Barangay Malinis, Lamitan City, Basilan

D-10

Revised 10.07.25

46	Iligan Branch	LANDBANK Building, Bro. Raymond Jeffrey Road corner Quezon Avenue Extension Pala-o, Iligan City, Lanao del Norte
47	Cotabato City COU	LANDBANK Building, SK Pendatun Avenue, Barangay Poblacion 5, Cotabato City, Maguindanao del Norte 9600
48	Parang Branch	Cor. Manga and Durian Streets, Poblacion 1, Parang, Maguindanao del Norte
49	Ozamiz Branch	Don Anselmo Bernad Avenue, Ozamiz City, Misamis Occidental
50	Bajada Branch	LBP Davao Corporate Center, #7 Palm Drive corner Olive Road, Barangay Buhangin Bajada, Davao City, Davao del Sur
51	Lebak Branch	Lebak Poblacion Multi-purpose Coop. Rizal Avenue, Poblacion, Lebak, Sultan Kudarat
52	Velez COU	G/F, Green Tower Building, Velez and Luna Streets, Cagayan de Oro City, Misamis Oriental
53	Tubod Branch	LANDBANK Building, Quezon Avenue Poblacion, Tubod, Lanao del Norte
54	Puerto (CDO) Branch	Sayre National Highway, Puerto, Cagayan de Oro City, Misamis Oriental
55	Wao Branch	LANDBANK Building, Wao, Lanao del Sur
56	Malaybalay Highway COU	LANDBANK Building, Fortich Street, Barangay 2, Malaybalay City
57	Butuan COU	Ong Hoo Bldg., Montilla Boulevard corner P. Burgoz Sts., Butuan City, Agusan del Norte
58	Pagadian Sub-COU	Gov. Vicente M. Cerilles Street, Santiago District, Pagadian City
59	Mati Branch	Andrada Building, Rizal Street, Mati, Davao Oriental
60	Nabunturan Branch	Ceniza Building, M. Fuentes Avenue, Poblacion, Nabunturan, Compostela Valley
61	Dipolog Sub-COU	Ground Floor, FSA Building, ABC Compound, Quezon Ave., Dipolog City, Zamboanga del Norte

4. Supplier Qualifications

Qualifications	Documentary Requirements
The supplier must be at least Ten (10) Years of existence in the IT industry. Information should be based from Securities and Exchange Commission (SEC).	Must submit a certification with reference to SEC documents.
The supplier shall submit a certification issued by the principal/manufacture authorizing them to sell and provide the equipment being offered.	Must submit a Manufacturer's Certification/Authorization.
The supplier must be at least a Gold Partner, or the equivalent of a Gold Partner of the principal/manufacture of this specific project.	Must submit a Certification of being a Gold Partner or Equivalent.

<p>The supplier must be satisfactorily rated by at least two (2) previous clients/customers.</p> <p><u>New Service Provider:</u> For New Service Provider without existing or completed contract with the PROCURING ENTITY for the years 2020 to 2024, two (2) certificates shall be submitted wherein one (1) of which must be issued by a Bank operating in the Philippines with at least 60 branches covered;</p> <p><u>Existing Service Provider:</u> For Service Provider with existing and completed contract with the PROCURING ENTITY from 2020 to 2024, one (1) of the Certificates must be issued by LBP Security Department (LBP-SD), as the Bank's unit responsible for security.</p>	<p>Must submit two (2) Certificates of Satisfactory Performance.</p> <p>Date of issuance of the said certificates shall not be earlier than three (3) months prior to the opening of bids.</p>
<p>The supplier must have one (1) Project Manager (PM) with both Project Management Professional (PMP) and Information Technology Infrastructure Library (ITIL) certifications.</p> <p>Or 1 PM with PMP certification and 1 PM with ITIL certification, respectively who both have at least 5 years work experience as PM and handled at least one (1) Philippine Commercial or Universal Bank.</p>	<p>Must submit Certificate of Employment and Resume/Curriculum Vitae that the PM has at least 5 years work experience as PM and handled at least one (1) Philippine Commercial or Universal Bank.</p>
<p>The supplier must have at least two (2) Technical Support Engineers Certified on the Brand of CCTV equipment being offered.</p>	<p>Must submit Certificate of Employment and Resume/Curriculum Vitae and Copy of Certification that the two (2) Technical Support Engineers are accredited of the Brand being offered.</p>
<p>The supplier must have at least two (2) Technical Support Personnel certified on doing Cabling Implementation Works.</p>	<p>Must submit Certificate of Employment and Resume/Curriculum Vitae and Copy of Cabling or CCTV Implementation related certifications.</p>
<p>The supplier must have at least two (2) personnel assigned to the project with Professional Level Network Certification of the Proposed Brand or Solution.</p>	<p>Must submit Certificate of Employment and Resume/Curriculum Vitae and Copy of Network Professional level Certification that the</p>

	two (2) personnel are accredited of the proposed Brand or Solution.
The supplier must have at least two (2) Technical Engineers assigned to the Project with at least 3 Years of Experience handling Command Centers or Network/Security Operations Center.	Must submit Certificate of Employment and Resume/Curriculum Vitae indicating years of experience in handling command centers.
The supplier must have all the following certifications: ISO 27001:2022 (ISMS) ISO 9001:2015 (QMS) or ISO 14001:2015 (EMS) ISO 22301:2019 (BCMS)	Must submit a copy of all the Certifications mentioned.
The supplier must be a Value-Added Service Provider, registered under the National Telecommunications Commission (NTC).	Must submit a copy of the Certification issued by NTC.

D. Scope of Project/Service

1. Supply, Delivery and Installation of four (4) CCTV cameras per Branch, prescribed CCTV Network Video Recorders (NVRs), switches, network connection and equipment listed in the Bill of Quantities with 3 years warranty and hardware maintenance.
2. Provision of internet connectivity Digital Subscriber Line (DSL) for Branches and Field Units, and Dedicated Internet Access (DIA) for LANDBANK Plaza Security Control Room (LBP-SCR). Online/live viewing monitoring of CCTV cameras installed at the sixty-one (61) LANDBANK Field Units (Branches, Cash Centers and Cash Operations Units, etc.).
3. Configuration, activation and system integration, testing and commissioning of the abovementioned CCTV devices;
4. Provide remote or onsite support (if necessary) and preventive maintenance to all sites including the LBP Plaza Security Control Room;
5. Conduct orientation to respective LANDBANK Security Department (LBP-SD) and Branch personnel of system usage and first level maintenance, respectively.

6. Bill of Quantities:

Item No.	Description	Qty.	Unit
For 61 LBP Offices & Branches			
1	Network Video Recorder	61	units
2	Intelligent IP Camera (with AI Licenses per camera)	244	units
3	Branch Router	61	units
4	POE Access Switch	61	units
5	Installation, Configuration, Deployment and Mobilization	61	lots
For LBP Plaza Security Control Room			
6	Surveillance Management Platform	1	set
7	Network Controller	1	unit
8	HQ Router	2	units
9	24 Port Switch	2	units
10	HQ Firewall	2	lots
11	Server Hardware -For Network Controller -For Video Surveillance	1 1	unit unit
12	Video Wall	5	units
13	Installation, Configuration, Deployment and Mobilization	1	lot
For All Units Involved			
14	Internet Connectivity -For 61 LBP Offices and Branches (50 MBPS Bandwidth DSL with Internet Bonding Equipment with Firewall Capability)	1	lot
	-For LBP Plaza Security Control Room (200 MBPS Bandwidth DIA)	1	lot
15	After Sales Service and Support (Annual Preventive Maintenance and Project Onsite Response and Support)	1	lot
Note: Please see TOR (Part G.1 / pages 1-8) for detailed specifications.			

7. Warranty and After-Sales Services

- a. Equipment supplied must be covered by warranty against manufacturing defects and workmanship. Three (3) Years Warranty on the following:

1. CCTV System
2. Network Equipment
3. Server Hardware
4. Command Center Monitors

b. Coverage for Support:

1. Head Office and NCR: Unlimited 24/7 Remote and 8x5 Onsite Support for Three (3) Years.
2. Other Branches outside NCR: Unlimited 24/7 Remote Support and allotted 30 Mondays for Onsite Support for Three (3) Years. Additional Charges will apply once the 30 Mondays is fully consumed and there is a need for additional onsite support.

c. Annual Preventive Maintenance

1. Head Office: Onsite Annual Preventive Maintenance
2. All Branches: Onsite/Remote Annual Preventive Maintenance

Scope of Work:

- System Check and Inspection
 - Inspect all CCTV Cameras for physical damage, dirt or obstructions that could impair performance.
 - Check camera mounts, positioning and alignment to ensure proper coverage.
 - Verify that lenses are clean and free from dust or debris.
 - Inspect cables, connectors and wiring for wear, corrosion or damage.
- Performance Testing
 - Test video quality to ensure cameras are providing clear and high-resolution images.
 - Check the stability and functionality of remote access tools, including server software and control systems.
 - Ensure video feeds are properly streaming to the remote monitoring station.
 - Verify the functionality of target detection, behavior analysis and crowd situation analysis features.
- Software and Firmware Updates
 - Update camera firmware to the latest version to ensure optimal performance and security.
 - Update or patch monitoring software, NVR and any other associated systems.
 - Ensure the remote monitoring software is fully operational, including remote access and security features.
- System Configuration and Backup
 - Verify and update camera settings, including recording schedules, resolution and storage settings.
 - Test and confirm video storage systems are operating efficiently, with sufficient storage space.
 - Ensure backup systems are in place and operating.
- Power Supply and Backup
 - Check the power supply systems, including Uninterruptible Power Supply (UPS) or generators, to ensure they are functioning correctly.

- Test backup power systems to ensure continuous operation in case of power failure.
 - Security Assessment
 - Conduct security checks to ensure all network-connected devices are secure, with up-to-date encryption protocols and access controls.
 - Test alarm and alert systems for proper operation, ensuring they activate as necessary.
 - Documentation and Reporting
 - Provide a detailed report of all inspections, tests, updates and repairs carried out.
 - Document any maintenance recommendations or potential upgrades to improve system performance.
 - Ensure proper documentation for future reference, including the maintenance history and any configuration changes.
 - User Training and System Familiarization
 - Offer training for system operators to ensure they are familiar with any software updates or changes to system operations.
 - Advise on best practices for system use and troubleshooting.
- d. 24x7 Remote and 8x5 Onsite Technical Support within Metro Manila: In case of equipment malfunction, video connection loss, or other related concerns, immediate support from the technical team will be provided.
- e. Response Time for Support

Response time must be within four (4) hours for the LBP Plaza Security Control Room and Next Business Day for Field Units, upon receipt of notification from the LANDBANK Security Department. For the units that are defective and will require replacement, new units shall be provided within a specified number of business days, to wit:

Area	No. of Business Days
Metro Manila	2
Luzon	4
Visayas	6
Mindanao	7

f. List of Technicians

The service provider shall submit a comprehensive list of technicians assigned to each area, who will be responsible for carrying out the required service and/or replacement activities. This list shall be provided in advance to ensure proper coordination and execution of tasks.

E. Delivery Schedule

Milestone	Description	Delivery (Week/Months)
1	Conduct of Project Kick-off and submission of LBP approved Project Management Plan (PMP).	Within Twenty-two (22) working days from receipt of Notice to Proceed (NTP).
2	Delivery of Equipment to LANDBANK Head Office and 61 LBP Branches	Within Seventy (70) calendar days from receipt of Notice to Proceed (NTP).
3	Set-up, Installation and Configuration of Project Hardware in LBP Head Office and 61 LBP Branches	Within One Hundred Twenty (120) calendar days from completion of Milestone 2.

F. Payment Terms

Payment Milestone	Description	Schedule of Payment	Amount
1		Completion of Milestone 1 and 2	51% of the Contract Price
2	Equipment	Completion and Acceptance of Milestone 3 upon Final Acceptance of the Project.	34% of the Contract Price
3	Internet Connectivity	Monthly/Recurring Fee	15% of the Contract Price

Note: The amount to be paid is still the actual bid price.

G. Liquidated Damages

- When the **SUPPLIER** fails to satisfactorily deliver the services under the contract within the specified delivery schedule, inclusive of duly granted time extensions, if any, the **SUPPLIER** shall be liable for damages for the delay and shall pay the **PROCURING** entity liquidated damages, not by way of penalty, an amount equal to one-tenth (1/10) of one percent (1%) of the cost of delayed services scheduled for delivery for every day of delay until such services are finally delivered and accepted by LANDBANK.
- LANDBANK need not prove that it has incurred actual damages to be entitled to liquidated damages, such amount shall be deducted from any money due or which may become due to the **SUPPLIER** or collected from any securities or warranties posted by the **SUPPLIER** if applicable, whichever is convenient to the **PROCURING** entity concerned. In case the total sum of liquidated damages reaches ten percent (10%) of the total contract price, LANDBANK may rescind the contract and impose appropriate sanctions over the above liquidated damages to be paid, in accordance with the Revised IRR of RA 9184.

H. Termination/Pre-termination of Contract

1. Pre-termination/Termination of Contracts shall be governed by the Guidelines on Termination of Contracts per Annex "I" of the 2016 Revised Implementing Rules and Regulations.
2. In addition to the grounds under the said Guidelines for Contract Termination the following are also grounds for pre-termination/termination:
 - a. Failure by the winning **SUPPLIER** to perform its obligations thereon;
 - b. Unsatisfactory Performance by the winning **SUPPLIER** within the contract duration.

I. Performance Evaluation

1. The performance of the **SUPPLIER** shall be evaluated on an annual basis or as often as necessary using parameters set forth in the Performance Assessment Report (**Exhibit 1**).
2. An adjectival rating of "Needs Improvement" or "Poor" shall be a ground for pre-termination of the contract, subject to a 30-calendar day notice.

J. Other Terms and Condition

1. The supplier/service provider shall:
 - a. Coordinate with the Field Unit concerned, LBP-SD and LBP Facilities Management Department (LBP-FMD) for schedules and project briefing. Work authorization permit/s must be secured from prior to any mobilization;
 - b. Be liable and solely responsible for any harm, damage and injury that may be incurred or suffered by its own crew/workers or any other person during the implementation of the project and to any damage to the Bank's property arising from the acts whether partial, contributory or due entirely to the fault, negligence and/or dishonesty of its workers in the course of their duties;
 - c. Maintain cleanliness at all times and shall be responsible for the collection and proper disposal (outside of the Bank premises) of all waste materials resulting from any activity related to the Implementation of the project, in compliance with the Bank's Environmental Management System (EMS) requirements as well as the covering policies, rules and regulations of the Department of Environment and Natural Resources (DENR) and the Environmental Management Bureau (EMB), respectively;
 - d. Be bound by and shall strictly observe the Bank's existing rules and regulations with regard to the standard security policies, procedures, and confidentiality/non-disclosure agreements, respectively.
 - e. Coordinate with LANDBANK Security Team to conduct the site survey for 6 Cash Centers, 2 Branches and the LANDBANK Plaza Security Control Room (LBP-SCR) to check the existing site condition and completely assess the requirements as part of the proposed solution without additional cost to the Bank.
 - f. The project is limited to the 61 Branches listed on the Terms of Reference. Any change on the location of the Branches mentioned after deployment shall be subject for change request and is not part of this project contract.

2. Operational Requirements:

- a. There shall be two scenarios on the command center monitoring screens, a) Alarm center with the Philippine map where all 61 chosen Branches will be shown in one screen. b) Live view of CCTV cameras (244) played in sequence (5 minutes interval).
- b. The system will be able to show pop-up alarms on the screen which helps the CCTV operators instantly identify the Branch of concern and address the issue.
- c. The operators will be able to review the alarms, playback and live video footage of all the Branches in the Central Office using the centralized video management platform.
- d. The system can store up to 1M alarms per year. Can also extract an excel file of all the event logs with supporting captured images.
- e. All the 61 Branches should have 90-day video retention period.
- f. The solution must make use of SD-WAN to easily deploy and manage the network devices in the Branches such as switches and routers; the SD-WAN controller must have a dashboard to see the status and performance analysis of the network devices; the SD-WAN controller must also display the network-wide topology of the SD-WAN routers and the switches included in the Branches.

3. Other Requirements:

- a. The supplier shall provide all the necessary cables, roughing-ins and miscellaneous items per Branches and other LBP Offices at no extra cost. See below Breakdown of Quantities for reference.

ITEMS	Qty.	Unit
I. CONDUITS		
a. 1/2" dia. PVC pipes with fittings	42.00	length/s
II. WIRES AND CABLES (INCLUDING DATA LINE OF CCTV SYSTEM)		
a. CAT 6-UTP cable	133.00	meter/s
III. DATA COMMUNICATION OUTLETS AND ACCESSORIES		
a. RJ-45 Connector	12.00	pc/s
IV. BOXES AND GUTTER		
a. 4" x 4" ga # 16 GI, deep-type junction box with cove	5.00	pc/s
b. 100x100x70 mm White PVC CCTV Junction Box, IP 65	2.00	pc/s
V. MISCELLANEOUS ELECTRICAL MATERIALS		
Wiring Tools		
a. Electrical Tape (big)	1.00	pc/s
b. Tox and Screw (6mmx1")	2.00	box
c. G.A. 16, GI Tie wires	10.00	kg/s
d. 1" Plastic Moulding	2.00	length/s
e. PVC pipe cement, 400 cc	1.00	pc/s
f. 9 " Cable Tie	2.00	pack
Conduit accessories and materials		
g. 3/8" x 3" Expansion bolt/Expansion Shield Long	66.00	pc/s
h. 3/8" x 3m Full Treaded Rod	11.00	length/s
i. 3/8" x 3" nut and washer	66.00	pc/s
j. 1/2" Conduit hanger with bolt and nut	66.00	pc/s

Revised 10.07.25

Competitive Bidding (Goods and Services and Civil Works)

k. 1/2" Flexible Metallic Conduits with connector	15.00	meter/s
Others		
l. Drill bit, Nails, blow torch, c-clamp and etc.	1.00	lot
m. Paint, Paint Brush/Roller, Rags, etc.	1.00	lot

NOTES:

1. PVC pipe from Network room/Data Cabinet to Service Entrance provision for Fiber Optics is included in the BOQ (if required by Internet Company)
2. Hangers of PVC pipes shall be installed every 1.5 meters
3. If not fully consumed or utilized in one (1) Branch/LBP Office, the remaining items may serve as buffer stock and be used in other Branches or LBP Offices in case of shortage.
4. If items were fully consumed or utilized for the whole project, the procuring entity shall assume the cost of the additional materials based on the bid price submitted by the supplier. However, it should not exceed ten percent (10%) of the Total Contract Price.

- a. The PoE switch and Internet router shall be installed at the Data Cabinet/Open Bay Rack of the site, while the NVR and Monitor shall be at the Manager's Cubicle. If rack is not available, the PoE, Internet Router, NVR and monitor shall be neatly placed and installed at the manager's area.
- b. If Branches and other LBP Offices happen to have no ceilings, exposed conduit pipes will be acceptable, provided they are painted to match the existing ceiling or wall color.
- c. All equipment, units and parts to be supplied shall be brand new, clean and approved products of reputable manufacturers.
- d. The supplier shall conduct an actual site survey to inspect, verify and assess the site condition, confirm measurements, and ensure everything is ready before starting the work.
- e. In line with the Bank's Environmental Management System (EMS) program and being an ISO 14001 certified institution, the supplier is required to use appropriate equipment, hand tools and personal protective gears and equipment (gloves, rubber boots, masks, etc.) during the installation, repair or maintenance activities.
- f. Installation of works shall be done in neat workmanship and like manners. All improperly set works, rough finishes or other works not in accordance with the specifications determined by the LBP-SD shall be removed and replaced within seven (7) calendar days by the supplier at no extra cost.
- g. No existing/old materials shall be re-used unless otherwise specified in the scope of works or technical specifications.
- h. The supplier shall exercise extreme caution and be responsible in the delivery, safe hauling/transfer of supplies, tools, and equipment to prevent damage to bank properties and employees. The corresponding cost to repair or replace the bank equipment, facilities or including part and components damaged or lost by the supplier or its workers during the course of the project shall be deductible/chargeable to the supplier.

- j. The supplier shall be liable for any harm, damage or injury that may be sustained or suffered by its own crew/workers while in the performance of their duties/job under this project.
- k. The supplier shall be held directly responsible for any injury to person and/or damage to bank's property arising from the act, whether partial, contributory, or due entirely to the fault, negligence and/or dishonesty of the contractor's personnel in the course of their duties.
- l. The supplier shall maintain cleanliness of all workplace at all times. They shall clean the affected areas immediately after each workday.
- m. The supplier is required to submit the names of its worker/s who will conduct or inspect the installation. As maybe required, identification cards shall be presented.
- n. The supplier shall coordinate with the Branch Head or its authorized representative to discuss the necessary preparations and work activities prior to implementation of this project.
- o. The activity should be conducted after banking hours to avoid any interruptions or disruptions to banking transactions. However, it may be done during banking hours subject to the approval of the Branch Manager.
- p. The supplier shall strictly observe the Bank's existing rules and regulations and shall be subject to the latter's standard security policies and procedures while inside its premises.
- q. Included in the bids or tender and warranty are the cost of consumables, basic replacement of parts, servicing and other incidental expenses of the supplier or its authorized representatives, such as traveling expenses, lodging, food, etc.

K. Non-Disclosure Agreement (NDA)

The **SUPPLIER** shall guarantee that the information by the **PROCURING** entity in relation to the performance of its function shall be handled with **utmost confidentiality**. This should be supported by separate duly notarized Non-Disclosure Agreement (**Exhibit 2**) mutually agreed upon by both parties.

Prepared by:

Aireen Grace D. Sayson, CSP
Administrative Assistant

Raymond G. Porlaje, CSP, CSMS
Administrative Assistant

Donna Rose N. Feliciano, CSP, CSMS
Acting Administrative Specialist I

Checked by:

Jeremy J. Pedreña, CSP, CSMS
Unit Head, ATU-SD

Arnel F. De Leon, CSP
Acting Administrative Specialist III

Aston A. Labinay, CSP, CSMS
Administrative Specialist III

Noted by:

VP Romulo E. Sapitula, CSP, CSI
Head, Security Department

D-21
Revised 10.07.25

PERFORMANCE ASSESSMENT REPORT					
Name				Contract Period	
Service Provider				Assessment Period	
Notes: <ol style="list-style-type: none"> Under the REMARKS column, indicate results, observations and/or justifications as applicable. General or additional remarks may be indicated in the REMARKS section at the last page, as deemed necessary, to state any issues, exceptions or recommendations. An adjectival rating of "Needs Improvement" and "Poor" shall warrant further assessment by the implementing Unit noted by the Group Head concerned. This shall be clearly scored under the REMARKS section with corresponding recommendation subject to escalation to Management Committee 					
WEIGHT	EVALUATION CRITERIA	PERFORMANCE STANDARDS	RATING	WEIGHTED RATING	REMARKS
40%	Quality of the items and conformity to LANDBANK standard technical specifications	Able to meet the requirements of the bank as par as the technical specifications are concerned. 4 – 100% complied with the standard technical specifications. 3 – 80% to 99% complied with the standard technical specifications. 2 – 50% to 79% complied with the standard technical specifications. 1 – Below 50% complied with the standard technical specifications.			
25%	Response time in the delivery of service	Able to comply with the response time as stipulated in the contract service agreement. 4 – 100% of the total requests responded during the assessment period were responded within the agreed timeline. 3 – 80% to 99% of the total requests responded during the assessment period were responded within the agreed timeline. 2 – 50% to 79% of the total requests responded during the assessment period were responded within the agreed timeline. 1 – Below 50% of the total requests responded during the assessment period were responded within the agreed timeline; negative publicity was encountered by the Bank due to service delivery failure.			
15%	Aftersales Services Support	Able to provide warranty service, training and repair for a product 4 – 100% provided warranty service, training and repair for a product 3 – 80% to 99% able to provide warranty service, training and repair for a product 2 – 50% to 79% able to provide warranty service, training and repair for a product 1 – Below 50% able to provide warranty service, training and repair for a product			

WEIGHT	EVALUATION CRITERIA	PERFORMANCE STANDARDS	RATING	WEIGHTED RATING	REMARKS
10%	Trained and Qualified Staff	<p>Able to provide sufficient knowledgeable and skilled staff required in the maintenance of the assigned activity/service (Availability may be in various means such as email, on-site support, phone or video call, etc.)</p> <p>4 - Provided sufficient highly skilled and knowledgeable staff support; staff always available when called.</p> <p>3 - Provided sufficient highly skilled and knowledgeable staff support; Staff available on a schedule basis</p> <p>2 - Provided sufficient highly skilled and knowledgeable staff support; Staff not readily available</p> <p>1 - Lacks knowledgeable and skilled staff support; Staff cannot address the requests/inquiries/issues raised</p>			
10%	Problem Resolution/Issue Management and Response to complaints.	<p>Able to address problems and response to complaints.</p> <p>4 - 100% of the total problems reported were provided with solutions and the problem no longer recurred.</p> <p>3 - 80% to 99% of the total problems reported were provided with solutions and the problem no longer recurred.</p> <p>2 - 50% to 79% of the total problems reported were provided with solutions and the problem no longer recurred.</p> <p>1 - Below 50% of the total problems reported were provided with assessment, work-around recommendation or permanent fixes and adequate information where the problem no longer recurred; negative publicity was encountered by the Bank due to service delivery failure.</p>			

The total weight for the performance rating is equivalent to 100%

The service provider must attain at least a "Satisfactory" rating of 80%

		TOTAL RATING	
		AVERAGE RATING	
		ADJECTIVAL RATING	
Numerical Rating	Adjectival Rating	Description	
3.4 - 4.0	Excellent	Exceeds expectations/deliverables	
2.3 - 3.3	Good	Meets Deliverables	
1.7 - 2.2	Needs Improvement	Tighter Controls, Management Intervention required	
1.0 - 1.6	Poor	Discontinue	

REMARKS: (e.g. Rating result warranting further assessment, and corresponding recommendation; Recommendation for amendment/renewal of the outsourcing agreement to bring them in line with current market standards and to cope with changes in their business strategies; Statement of TPSP materials problem; Reporting of issues/incidents/non-compliance that may adversely impact the delivery of product/service)

Prepared by:

Reviewed by:

Noted by:

Designated Personnel

Head, Implementing Unit

Group Head Concerned

D-23
Revised 10.07.25

NON-DISCLOSURE AGREEMENT

This Non-Disclosure Agreement is entered into this _____ at _____, by and between:

_____, a _____, with
principal address at _____, represented by its _____,
hereinafter referred to as "_____"

- and -

LAND BANK OF THE PHILIPPINES, a government financial institution created and existing under and by virtue of the provisions of R.A. 3844, as amended, with principal office at Landbank Plaza at 1598, M.H. Del Pilar cor. Quintos Streets, Malate, Manila, represented by its _____, hereinafter referred to as "LANDBANK".

The parties' representatives are duly authorized for this purpose as evidenced by _____, attached hereto as Annex A, series.

WITNESSETH: THAT

WHEREAS, the Parties desire to execute this Agreement for (specific services) or to supplement the contract executed by and between _____, on _____, for _____, attached hereto as Annex B. This Agreement is executed for the purposes set forth in Item 3 below.

WHEREAS, in the process, certain confidential information may be exchanged and disclosed between LANDBANK and _____.

NOW, THEREFORE, the parties hereto agree, as follows:

1. DEFINITION OF CONFIDENTIAL INFORMATION

All communications or data, in any form, whether tangible or intangible, which are disclosed or furnished by any director, officer, employee, agent, or consultant of any party hereto, including their affiliates and subsidiaries, (hereinafter referred to as "Disclosing Party") to the other party, including their affiliates and subsidiaries, (hereinafter referred to as "Receiving Party") and which are to be protected hereunder against unrestricted disclosure or competitive use by the Receiving Party shall be deemed to be "Confidential Information."

As used herein, the term "Confidential Information" shall mean all non-public, confidential or proprietary information disclosed hereunder, in any tangible or intangible form, such as but not limited to written, oral, visual, audio, those produced by electronic media, or through any other means, that is designated as confidential or that by its nature or circumstances surrounding its disclosure, should be reasonably considered as confidential.

Confidential information shall include, but not limited to products or planned products, processes and/or procedures, technological achievements and interests, customers and potential customers, business prospects, financial statements and information, financial situation and corporate plans, internal activities, future plans of both parties, and all technical, financial or business information, data, ideas, product strategies, business strategies, details of the employees of the Disclosing Party, software, intellectual property rights or processes proprietary to the Disclosing Party, or any other matter in which the Disclosing Party may have any interest whatsoever.

Each Disclosing Party hereby represents and warrants to the Receiving Party that it has lawful rights to provide the confidential information, either in writing, by delivery of items, by initiation of access to information, such as may be in a database, or by audio, oral or visual presentation.

Confidential information should be marked with a restrictive legend by the Disclosing Party. All information which is orally or visually disclosed will be identified as confidential at the time the disclosure is made and is subsequently described in a written document that is marked with a restrictive legend and delivered to the receiving party within thirty (30) days after the date of oral or visual disclosure. Documents will be considered confidential if they are marked with a restrictive legend or they are clearly recognizable as confidential information to a prudent person with no special knowledge of the Disclosing Party's industry.

2. EXCEPTIONS TO THE SCOPE OF CONFIDENTIAL INFORMATION

Confidential information does not include information which:

- 2.1 has been or becomes now or in the future published in the public domain without breach of this Agreement or breach of a similar agreement by a third party; or
- 2.2 prior to disclosure hereunder, is properly within the legitimate possession of the Receiving Party, which fact can be proven or verified by independent evidence; or

- 2.3 subsequent to disclosure hereunder, is lawfully received from a third party having rights therein without restriction on the third party's or the Receiving Party's right to disseminate the information and without notice of any restriction against its further disclosure; or
- 2.4 is independently developed by the Receiving Party through persons who have not had, either directly or indirectly, access to or knowledge of such information which can be verified by independent evidence; or
- 2.5 is disclosed with the written approval of the other party or after the applicable period of confidentiality.

3. SCOPE OF USE

Both parties agree that all or any portion of the confidential information exchanged during discussions, meetings and during the business relationship entered into shall not be used except in the manner set forth in this Agreement.

In accordance with R.A. 10173 (Data Privacy Act), Parties shall ensure that appropriate organizational, physical, and technical measures are in place to maintain the confidentiality, integrity and security of all personal data that may come to its knowledge or possession by reason of any provision of this Agreement and that its employees, agents, representatives, or any person acting under its authority shall hold personal information under strict confidentiality at all times.

The specific purposes for which the confidential information are to be utilized and the manner in which it may be used are as follows: _____ which is pursuant to the main agreement to which this Agreement is ancillary to.

(Indicate also if a separate DSA is executed or will be executed in connection with this NDA).

4. OBLIGATIONS OF THE RECEIVING PARTY

With respect to the confidential information provided under this Agreement, the Receiving Party, its principals, directors, officers, representatives, employees, existing and prospective clients, associates, agents, affiliates, consultants and entities under the same management as its own, working with the Receiving Party on this matter, shall:

- 4.1 hold the confidential information (regardless of whether it is specifically marked confidential or not) with confidentiality, protect it adequately and retain it in a secure place with access limited only to the Receiving Party's employees or agents who need to know such information for purposes of this Agreement;
- 4.2 restrict disclosure of the confidential information solely to those persons with a need to know and not disclose it to any other person;

- 4.3 advise those persons of, and ensure of their compliance with, their obligation with respect to the confidential information;
- 4.4 not use the confidential information for its own benefit, commercial or otherwise, or that of any other person, directly or indirectly, in any manner whatsoever; and
- 4.5 use the confidential information only strictly for the purposes set forth herein and no other purpose, except as may otherwise be specifically agreed upon in writing.

5. PROPERTY OF THE DISCLOSING PARTY

All confidential information, unless otherwise specified in writing, shall remain the sole and exclusive property of the Disclosing Party and shall be used by the Receiving Party only for the purpose intended, except as may be required by applicable laws or legal process.

If the Receiving Party required to disclose any confidential information in order to comply with any applicable law, or legally binding order of any court, government, administrative or judicial body, it will promptly inform the disclosing Party of the full details of the circumstances of the purpose use or disclose and of the relevant confidential information to be used or disclosed and will give the Disclosing Party reasonable opportunity to seek a protective order or take other appropriate action. The Receiving Party shall also cooperate in the Disclosing Party's efforts to obtain a protective order or other reasonable assurance that confidential treatment will be afforded the information. If in the absence of a protective order and the Receiving Party is compelled as a matter of law to disclose the information, based upon the written opinion of the Receiving Party's counsel addressed to the Disclosing Party, the Receiving Party may disclose to the party compelling the disclosure only the part of the confidential information as required by law to be disclosed. The Receiving Party shall advise and consult with the Disclosing Party and its counsel as to such disclosure and the Receiving Party shall use its best efforts to obtain confidential treatment thereof.

5. Safeguards for Confidentiality

Each Party shall establish reasonable and appropriate safeguards and security measures to ensure the confidentiality, integrity and security of any Confidential Information shared or disclosed by the other Party pursuant to this Agreement. It shall be responsible in preventing the unauthorized access and use of such Confidential Information in its custody. It is likewise prohibited from further sharing or disclosing such Confidential Information to any unauthorized party, including its affiliates, without the prior written consent of the other Party, as appropriate.

Each Party shall implement and maintain a security program which shall include security measures intended to protect the Confidential Information against

accidental or unlawful destruction, alteration, disclosure or unauthorized or unlawful processing.

Each Party shall regularly monitor its compliance with these security measures. In the event that there is a breach in its data security, it shall notify the Data Protection Officer or any other appropriate officer of the other Party in writing, immediately after discovery of such data breach or upon reasonable belief that a data breach has occurred.

Both Parties shall likewise use encryption method.

The foregoing obligations and undertakings of each Party shall continue and shall survive the termination of this Agreement for as long as such Party processes, uses or stores Confidential Information shared and disclosed by the other Party.

6. Reporting of Data Breach

Each Party shall regularly monitor its compliance with the security measures provided in this Agreement. In the event that there is a breach in its data security affecting Confidential Information, it shall notify the Data Protection Officer or any other appropriate officer of the other Party in writing, immediately after discovery of such data breach or upon reasonable belief that such data breach has occurred. The following must be included in such written notice if known at the time of notice: (1) General circumstances, nature of the data breach, and Confidential Information possibly involved; (2) Steps taken to reduce the harm or negative consequences of the data breach; (3) The representatives of the affected Party for the purpose of addressing the data breach and their contact details.

The notice contemplated above shall be delivered by the affected Party to the other Party immediately and in no event later than twenty (24) hours after the occurrence of such data breach and shall not be delayed for investigation purposes. Each Party shall cooperate fully with the other in investigating and responding to each successful data breach affecting Confidential Information.

Either Party may terminate this Agreement if the other Party fails to perform, has made or makes any inaccuracy in, or otherwise materially breaches, any of its obligations, covenants, or representations, and said Party fails to immediately remedy the same within 30 days from receipt of a written notice from the other Party reasonably detailing the breach.

7. RETURN OF CONFIDENTIAL INFORMATION

All confidential information, including but not limited to copies, summaries, excerpts, extracts or other reproduction thereof, shall be returned to the Disclosing Party or destroyed after the Receiving Party's need for it has expired or upon request of the Disclosing Party, and certify that the same have been destroyed.

Further, in any event at any time a Receiving Party ceases to have an active interest in the Project, the Receiving Party shall immediately return to the Disclosing Party all copies of confidential information in its possession without retaining any copies or

excerpts thereof. That portion of confidential information shall be destroyed immediately upon the Disclosing Party's request and any verbal confidential information shall continue to be subject to the terms and conditions of this Agreement.

8. REPRESENTATION OR WARRANTY

The Disclosing Party makes no representation or warranty as to the accuracy or completeness of the confidential information and the Disclosing Party and its employees and agents shall have no liability to the Receiving Party for any loss or damage resulting from any use of or reliance on any of the confidential information, except as otherwise provided in a formal written agreement executed between the parties.

However, this disclaimer shall, in and of itself, not apply to or limit any specific warranties that the Disclosing Party may expressly give in other agreements between the Disclosing Party and the Receiving Party. The Receiving Party agrees that it will form its own conclusions as to the reliability of any confidential information and as to any conclusion to be drawn therefrom, and will not charge the Disclosing Party with liability for any damage resulting from mistakes, inaccuracies or misinformation contained therein. The Receiving Party understands and acknowledges that the Disclosing Party does not undertake any obligation to provide any party with access to any specific or additional information.

9. MISCELLANEOUS

No waiver or modification of this Agreement or any of its terms shall be valid or enforceable unless it has been reduced to writing and signed by both parties.

If any provision of this Agreement is illegal, inconsistent or unenforceable, its invalidity shall not affect the other provisions of this Agreement that can be given effect without the invalid provision.

Each party expressly understands that the confidential information is of commercially valuable and highly sensitive nature. In the event that the Disclosing Party discovers that the Receiving Party has made or makes or intends to make or causes to be made any unauthorized disclosure of the confidential information, the Disclosing Party shall be entitled to take out an injunction against the Receiving Party or any third party involved in such unauthorized disclosure, to restrain it from making any such disclosure. In addition to or in the alternative, as the case may be, the Disclosing Party shall be entitled to exercise any and all other legal and equitable remedies as are available in respect of the breach of this Agreement and to further protect the confidential information. Any dispute or claim arising from this Agreement shall be settled amicably between the parties whenever practicable. Should the parties be unable to do so, the parties hereby agree to settle such dispute/s in the proper courts of _____, to the exclusion of all other courts.

IN WITNESS WHEREOF, the parties have hereunto affixed their signatures this ____ day of _____, 202__ in the City of Manila, Philippines.

Land Bank of the Philippines

.....
President and CEO

.....
Position/Designation

SIGNED IN THE PRESENCE OF:

.....(Name)

.....Position / Designation..... Position/Designation

ACKNOWLEDGEMENT

Republic of the Philippines)
.....) S.S.

BEFORE ME, a Notary Public for and in the _____, this ____ day of _____ 20__, personally appeared the following:

NAME	GOVERNMENT ID	DATE	PLACE ISSUED
1. (LBP Representative)			
2.(Name of Recipient)			

known to me to be the parties who executed the foregoing instrument and acknowledged to me that the same is their free and voluntary act and deed.

This instrument refers to the Non-Disclosure Agreement consisting of ____ (____) pages, including the page wherein this Acknowledgment is written, and signed by the parties and their instrumental witnesses on each and every page thereof.

IN WITNESS THEREOF, I have hereunto affixed my seal and signature on the date and place aforementioned.

Doc No. _____;
Page No. _____;
Book No. _____;
Series of 20__

RESPONSES TO BIDDER'S QUERIES AND/OR SUGGESTIONS

DATE	October 09, 2025
PROJECT IDENTIFICATION NO.	LBP-GIBAC-ITB-GS-20250516-01(2)
PROJECT NAME	CCTV Devices at Various LANDBANK Offices and Branches with Live Viewing/Remote Monitoring for Three (3) Years
PROponent UNIT/TECHNICAL WORKING GROUP	Security Department

ITEM NO.	PORTION OF BIDDING DOCUMENTS	QUERIES AND/OR SUGGESTIONS	LANDBANK's RESPONSES								
1.	<p>TOR – Page 13 C. Project/Services Requirements 4. Supplier Qualifications (Qualifications)</p> <p>The supplier must have all the following certifications:</p> <p>ISO 27001:2022 (ISMS)</p> <p>ISO 9001:2015 (QMS)</p> <p>PCI DSS 4.0</p> <p>ISO 22301:2019 (BCMS)</p>	<p>Copy of all these Certifications: ISO 27001:2022 (ISMS); ISO 9001:2015; PCI DSS 4.0; and ISO 22301:2019 (BCMS)</p> <p><u>Request to remove PCI DSS 4.0:</u> compliance on equipment is about ensuring that any hardware or device involved in processing, transmitting, or storing payment card data meets the security standards set by the Payment Card Industry Data Security Standard (PCI DSS). Cameras do not store credit card data</p>	<p><u>Considered</u></p> <p>The TWG revised the qualifications as follows:</p> <p>The supplier must have all the following certifications:</p> <p>ISO 27001:2022 (ISMS)</p> <p>ISO 9001:2015 (QMS) or ISO 14001:2015 (EMS)</p> <p>ISO 22301:2019 (BCMS)</p>								
2.	<p>TOR – Page 6 C. Project/Services Requirements 1. Technical Specification (7. HQ Router)</p> <table><tr><td>1.SD-WAN performance at least 4 Gbps.</td></tr><tr><td>2. Forwarding Performance at least 10Gbps.</td></tr></table>	1.SD-WAN performance at least 4 Gbps.	2. Forwarding Performance at least 10Gbps.	<p>Possibility to adjust the specifications for the router models (processor, memory, and number of ports). Our vendors have indicated that none of our partners can fully comply with the current requirements.</p> <p><i>Please refer below for the new proposed router model:</i></p> <table><tr><th>Proposed New Specification</th><th>Justification</th></tr><tr><td>1.SD-WAN performance at least 7 Gbps</td><td>Provide more robust performance support for scalability expansion</td></tr><tr><td>2.Forwarding Performance at least 13 Gbps</td><td>Provide more robust performance support for scalability expansion</td></tr></table>	Proposed New Specification	Justification	1.SD-WAN performance at least 7 Gbps	Provide more robust performance support for scalability expansion	2.Forwarding Performance at least 13 Gbps	Provide more robust performance support for scalability expansion	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose routers that meet (at par) or exceed (better) than the prescribed requirements.</p>
1.SD-WAN performance at least 4 Gbps.											
2. Forwarding Performance at least 10Gbps.											
Proposed New Specification	Justification										
1.SD-WAN performance at least 7 Gbps	Provide more robust performance support for scalability expansion										
2.Forwarding Performance at least 13 Gbps	Provide more robust performance support for scalability expansion										

3.IPsec Performance at least 7 Gbps.	3.SD-WAN performance at least 10 Gbps	Provide more robust performance support for scalability expansion
4.WAN interfaces at least 14*10GE SFP+ and at least 10*GE RJ45.	4.WAN interfaces at least 2*25GE optical, 4*10GE optical and at least 4*GE RJ45	Four 10 GE ports are enough to connect to the Telco line. In addition, 25 GE ports are provided for evolution of higher-bandwidth links in the future
5.All WAN ports can be configured as LAN.		
6.CPU at least 16-core, 2.26 GHz.	6.CPU at least 12-core, 1.5 GHz.	The CPU spec already meet the requirements
7.Memory at least 16 Gbps.	7.Memory at least 8 Gbps.	The memory spec already meet the requirements
8.Flash memory at least 4 Gbps.	8.Flash memory at least 8 Gbps.	To restore more logs and configuration files
9.Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP, IPv6 PIM, MLD.	9.Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP.	IPv6 Multicast feature will not be used in SD-WAN Scenario
10.Support Routing policies, static routes, RIP, OSPF, IS-IS, BGP.		
11.Support RIPng, OSPFv3, IS-ISv6, BGP4+, IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6.		
12.Support IPsec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, L2TPV3 VPN.	12.Support IPsec VPN, GRE VPN, DSVPN, L2TP VPN.	A2A and L2TPV3 tunnel will not be used in SD-WAN Scenario
13.Support ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR, blacklist, attack source tracing, online behavior management, IPS, URL filtering.		
14.Support DiffServ mode, MPLS QoS, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion		

	<p>management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control.</p> <p>15.Support Multi-fed and Selective receiving, per-packet load balancing.</p>	<table><tr><th>Old specifications</th><th>Proposed by specifications</th><th>Justification</th></tr><tr><td>SD-WAN performance at least 4 Gbps</td><td>SD-WAN performance at least 7 Gbps</td><td>Provide more robust performance support for scalability expansion</td></tr><tr><td>Forwarding Performance at least 10 Gbps</td><td>Forwarding Performance at least 15 Gbps</td><td>Provide more robust performance support for scalability expansion</td></tr><tr><td>Flash Performance at least 7 Gbps</td><td>SD-WAN performance at least 10 Gbps</td><td>Provide more robust performance support for scalability expansion</td></tr><tr><td>WAN Interfaces at least 14*10GE SFP+ and at least 10*GE RJ45</td><td>WAN interfaces at least 14*10GE SFP+ and at least 10*GE RJ45</td><td>First 10 Gbps ports are enough to connect to the fabric and in addition 2*10G SFP+ RJ45 is provided for evolution of higher speed ports at the future</td></tr><tr><td>AS WAN ports can be configured as LAN</td><td></td><td></td></tr><tr><td>CPU at least 16-core, 2.25 GHz</td><td>CPU at least 16-core, 2.25 GHz</td><td>The CPU speed should meet the requirement</td></tr><tr><td>Memory at least 16 Gbps</td><td>Memory at least 16 Gbps</td><td>The memory speed should meet the requirement</td></tr><tr><td>Flash memory at least 4 Gbps</td><td>Flash memory at least 4 Gbps</td><td>To reduce more logs and configuration files</td></tr><tr><td>Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBOP, IPv6 PIM, MLD</td><td>Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBOP, IPv6 PIM, MLD</td><td>These Multicast features should be used in SD-WAN scenario</td></tr><tr><td>Support Routing Protocols, static routes, RIP, OSPF, IS-IS, BGP</td><td></td><td></td></tr><tr><td>Support RIPv2, OSPFv2, IS-ISv2, BGPv2, IPv6 RIPv2, IPv6 OSPFv2, IPv6 IS-IS, IPv6 BGPv2, ICMPv6, DNSv6, DHCPv6</td><td></td><td></td></tr><tr><td>Support IPsec VPN, GRE VPN, DMVPN, ASA VPN, L2TP VPN, 3270v3 VPN</td><td>Support IPsec VPN, GRE VPN, DMVPN, ASA VPN, L2TP VPN, 3270v3 VPN</td><td>ASA and L2TPv3 tunnel will not be used in SD-WAN scenario</td></tr><tr><td>Support ACL, MACsec, domain-based firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPICAR, attack, attack source tracking, attack behavior management, IPS, URL filtering</td><td></td><td></td></tr><tr><td>Support DiffServ mode, MPLS CoS, priority queuing, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control</td><td></td><td></td></tr><tr><td>Support Multi-fed and Selective receiving, per-packet load balancing</td><td></td><td></td></tr></table>	Old specifications	Proposed by specifications	Justification	SD-WAN performance at least 4 Gbps	SD-WAN performance at least 7 Gbps	Provide more robust performance support for scalability expansion	Forwarding Performance at least 10 Gbps	Forwarding Performance at least 15 Gbps	Provide more robust performance support for scalability expansion	Flash Performance at least 7 Gbps	SD-WAN performance at least 10 Gbps	Provide more robust performance support for scalability expansion	WAN Interfaces at least 14*10GE SFP+ and at least 10*GE RJ45	WAN interfaces at least 14*10GE SFP+ and at least 10*GE RJ45	First 10 Gbps ports are enough to connect to the fabric and in addition 2*10G SFP+ RJ45 is provided for evolution of higher speed ports at the future	AS WAN ports can be configured as LAN			CPU at least 16-core, 2.25 GHz	CPU at least 16-core, 2.25 GHz	The CPU speed should meet the requirement	Memory at least 16 Gbps	Memory at least 16 Gbps	The memory speed should meet the requirement	Flash memory at least 4 Gbps	Flash memory at least 4 Gbps	To reduce more logs and configuration files	Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBOP, IPv6 PIM, MLD	Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBOP, IPv6 PIM, MLD	These Multicast features should be used in SD-WAN scenario	Support Routing Protocols, static routes, RIP, OSPF, IS-IS, BGP			Support RIPv2, OSPFv2, IS-ISv2, BGPv2, IPv6 RIPv2, IPv6 OSPFv2, IPv6 IS-IS, IPv6 BGPv2, ICMPv6, DNSv6, DHCPv6			Support IPsec VPN, GRE VPN, DMVPN, ASA VPN, L2TP VPN, 3270v3 VPN	Support IPsec VPN, GRE VPN, DMVPN, ASA VPN, L2TP VPN, 3270v3 VPN	ASA and L2TPv3 tunnel will not be used in SD-WAN scenario	Support ACL, MACsec, domain-based firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPICAR, attack, attack source tracking, attack behavior management, IPS, URL filtering			Support DiffServ mode, MPLS CoS, priority queuing, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control			Support Multi-fed and Selective receiving, per-packet load balancing			
Old specifications	Proposed by specifications	Justification																																																	
SD-WAN performance at least 4 Gbps	SD-WAN performance at least 7 Gbps	Provide more robust performance support for scalability expansion																																																	
Forwarding Performance at least 10 Gbps	Forwarding Performance at least 15 Gbps	Provide more robust performance support for scalability expansion																																																	
Flash Performance at least 7 Gbps	SD-WAN performance at least 10 Gbps	Provide more robust performance support for scalability expansion																																																	
WAN Interfaces at least 14*10GE SFP+ and at least 10*GE RJ45	WAN interfaces at least 14*10GE SFP+ and at least 10*GE RJ45	First 10 Gbps ports are enough to connect to the fabric and in addition 2*10G SFP+ RJ45 is provided for evolution of higher speed ports at the future																																																	
AS WAN ports can be configured as LAN																																																			
CPU at least 16-core, 2.25 GHz	CPU at least 16-core, 2.25 GHz	The CPU speed should meet the requirement																																																	
Memory at least 16 Gbps	Memory at least 16 Gbps	The memory speed should meet the requirement																																																	
Flash memory at least 4 Gbps	Flash memory at least 4 Gbps	To reduce more logs and configuration files																																																	
Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBOP, IPv6 PIM, MLD	Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBOP, IPv6 PIM, MLD	These Multicast features should be used in SD-WAN scenario																																																	
Support Routing Protocols, static routes, RIP, OSPF, IS-IS, BGP																																																			
Support RIPv2, OSPFv2, IS-ISv2, BGPv2, IPv6 RIPv2, IPv6 OSPFv2, IPv6 IS-IS, IPv6 BGPv2, ICMPv6, DNSv6, DHCPv6																																																			
Support IPsec VPN, GRE VPN, DMVPN, ASA VPN, L2TP VPN, 3270v3 VPN	Support IPsec VPN, GRE VPN, DMVPN, ASA VPN, L2TP VPN, 3270v3 VPN	ASA and L2TPv3 tunnel will not be used in SD-WAN scenario																																																	
Support ACL, MACsec, domain-based firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPICAR, attack, attack source tracking, attack behavior management, IPS, URL filtering																																																			
Support DiffServ mode, MPLS CoS, priority queuing, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control																																																			
Support Multi-fed and Selective receiving, per-packet load balancing																																																			
3.	<p>A site visit can be arranged for the customer.</p> <p>This would greatly assist us in optimizing our proposal, particularly concerning delivery, installation, and cabling.</p>	<p>This is also mentioned in our TOR. Kindly refer to the below section for reference:</p> <p>J. Other Terms and Condition – Page 20</p> <p>3. Other Requirements</p> <p>e. The supplier shall conduct an actual site survey to inspect, verify and assess the site condition, confirm measurements, and ensure</p>																																																	


QUERIES FROM NOVARE

			everything is ready before starting the work.
4.		Is the hardware delivery direct to the branch or Landbank Antipolo Warehouse?	Delivery must be direct to the concerned LANDBANK Branches and Offices.
5.		Will the bank provide UPS power source for our deployed systems so that there will be no service interruption?	All LANDBANK Branches / Offices have UPS power source.
6.		Will the bank provide Rack Enclosure cabinet in HO?	No.
7.		What is the schedule of work in branch offices? During or after banking hours?	Preferably, the activity should be conducted after banking hours to avoid any interruptions or disruptions to banking transactions. However, it may be done during banking hours subject to the approval of the Branch Manager.
8.		In each branch deployment, will there be a Landbank IT engineer assigned on-site?	None.

Prepared by:


DONNA ROSE N. FELICIANO
 TWG Member, ATU-SD

Approved by:


JEREMY J. PEDREÑA
 TWG Team Lead, ATU-SD

Noted by:


VP ROMULO E. SAPITULA
 Head & BCSO, SD

RESPONSES TO BIDDER'S QUERIES AND/OR SUGGESTIONS

DATE	October 09, 2025
PROJECT IDENTIFICATION NO.	LBP-GIBAC-ITB-GS-20250516-01(2)
PROJECT NAME	CCTV Devices at Various LANDBANK Offices and Branches with Live Viewing/Remote Monitoring for Three (3) Years
PROPONENT UNIT/TECHNICAL WORKING GROUP	Security Department

ITEM NO.	PORTION OF BIDDING DOCUMENTS	QUERIES AND/OR SUGGESTIONS	LANDBANK's RESPONSES
1.	Bidding Documents Bid Data Sheet ITB Clause 5.3 SLCC and Similar Project - A contract shall be considered similar to this Project if it involves supply, delivery, installation, and activation of CCTV System or IT Infrastructure Project. Moreover, it must have been completed within five (5) years prior to the set deadline for the submission and receipt of bids.	<p>The main and critical scope of the project requires a Command Center centralization and integration of multiple devices for several branches (not the typical supply and installation of CCTV system). In this regard, we humbly suggest that the qualified bidder should have recently completed project/s. Thus, the similar project requirement shall be:</p> <p>A contract shall be considered similar to this Project if it involves supply, delivery, installation, activation, centralization and integration of CCTV System or Command Center Systems. Moreover, it must have been completed within five (5) years prior to the set deadline for the submission and receipt of bids.</p>	<p><u>Not Considered</u></p> <p>The specifications indicated in the Bid Data Sheet remain.</p>
2.	TOR – Page 11 C. Project/Services Requirements 4. Supplier Qualifications (Qualifications) The supplier must be at least a Gold Partner, or the equivalent of a Gold Partner of the principal/manufacture of this specific project.	<p>May we request operational and legal definition of Gold partner equivalent, since this type of certification is typically aligned to a certain brand or manufacturer, therefore, difficult to actualize and evaluate the word "equivalent" that might affect the nondiscretionary "pass/fail" criteria in the detailed evaluation of bids.</p> <p>Hence, may we recommend the below revision to this requirement:</p> <p>"The Supplier must be at least a Gold Partner, or the equivalent of a Gold Partner, or a Manufacturer Letter of Support from the Principal/Manufacturer specific to the project."</p>	<p><u>Not Considered</u></p> <p>Your proposed revision to include the "Manufacturer Letter of Support" is not equivalent to the IT Industry's Gold Partner Certification wherein recognition or status is given by the manufacturer to their top 1% vendor/s for its expertise, business relationship, and completion of professional exams to its technicians, respectively.</p>
3.	TOR – Page 13 C. Project/Services Requirements 4. Supplier Qualifications (Qualifications) The supplier must have all the following certifications:	<p>May we confirm the requirement of PCI DSS v4.0 Certification of the supplier/bidder as the requirement stands for Payment Card Industry Data Security Standard. One of the main objectives of the certification is to PROTECT SENSITIVE PAYMENT CARD DATA. PCI DSS ensures that all sensitive cardholder information is</p>	<p><u>Considered</u></p> <p>The TWG revised the qualifications as follows:</p> <p>The supplier must have all the following certifications:</p> <p>ISO 27001:2022 (ISMS)</p>

	<p>ISO 27001:2022 (ISMS)</p> <p>ISO 9001:2015 (QMS)</p> <p>PCI DSS 4.0</p> <p>ISO 22301:2019 (BCMS)</p>	<p>kept secure and protected from any unauthorized access or theft.</p> <p>However, the CCTV centralization and installation would not require any payment or card-related transactions and collection of data from LBP stakeholders / customers.</p> <p>In view of this, may request to delete the PCI DSS 4.0 requirement related to this specific project. Thus, the proposed list of certifications should be the following:</p> <p>ISO 27001:2022 (ISMS)</p> <p>ISO 9001:2015 (QMS)</p> <p>ISO 22301:2019 (BCMS)</p>	<p>ISO 9001:2015 (QMS) or ISO 14001:2015 (EMS)</p> <p>ISO 22301:2019 (BCMS)</p>
4.	<p>TOR – Pages 2-3</p> <p>C. Project/Services Requirements</p> <p>1. Technical Specification</p> <p>(3. Branch Router)</p> <p>1)SD-WAN performance at least 250 Mbps.</p> <p>2)Forwarding Performance at least 300 Mbps.</p> <p>3)IPsec Performance Up to 300 Mbps.</p> <p>4)WAN interfaces at least 1*GE .</p> <p>5)LAN interfaces at least 4*GE RJ45.</p> <p>6)Support integrated LTE.</p> <p>7)Memory at least 1 Gbps.</p> <p>8)Flash memory at least 1 Gbps.</p> <p>9)Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP, IPv6 PIM, MLD.</p>	<p>1)May we suggest if we can relax the requirement to: "SD-WAN Performance at least 250 Mbps OR any equivalent industry standard for SD-WAN performance"</p> <p>6)May we request confirmation if we can add a separate hardware to provide / comply to this requirement?</p> <p>7)May we suggest if we can relax the requirement to: "Memory at least 1 Gbps OR any equivalent industry standard"</p> <p>8)May we suggest if we can relax the requirement to: "Flash memory at least 1 Gbps OR any equivalent industry standard"</p> <p>9)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"System can Support any of the following: IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP, IPv6 PIM, MLD OR any equivalent."</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose Branch Routers that meet (at par) or exceed (better) than the prescribed requirements.</p>

	<p>10)Support Routing policies, static routes, RIP, OSPF, IS-IS, BGP.</p> <p>11)Support IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6, Static routes, routing policies, RIPng, OSPFv3, IS-ISv6, BGP4+.</p> <p>12)Support IPsec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, L2TPv3 VPN, Ethernet over GRE, VxLAN.</p> <p>13)Support ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR, blacklist, attack source tracing, online behavior management, URL filtering.</p> <p>14)Support DiffServ mode, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, WLAN QoS, FR QoS, Smart Application Control (SAC). SPR.</p>	<p>11)May we request confirmation if we add BGPv3 in this requirement as v3 is more common and popular standard used by the majority in firewalls. Thus, the requirement would be:</p> <p>"System can Support any of the following: IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6, Static routes, routing policies, RIPng, OSPFv3, IS-ISv6, BGP4+ or BGPv3, OR any equivalent"</p> <p>12)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"System can support any of the following parameters: IPsec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, L2TPv3 VPN, Ethernet over GRE, VxLAN, DMVPN OR any equivalent"</p> <p>13)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Can support any of the following: ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR, blacklist, attack source tracing, online behavior management, URL filtering, CPU protection, DHCP Snooping v4/v6, IP Source Guard v4/v6, Dynamic ARPInspection, AAAAAA, PKI, IKE, ACL, Anti-attack, ASPF, F, SSAC, SECP, P, Portal Redirection, DPI, IPS OR any equivalent"</p> <p>14)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Can support any of the following: DiffServ mode, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy),</p>	
--	---	---	--

		hierarchical QoS, WLAN QoS, FR QoS, Smart Application Control (SAC), SPR, IFO, PQ, FQ, WFQ, CBWFQ, LLQ, RSVP, P, CAR, H QoS, GTS, MPLS RSVP, P, QPPB, SPQ OR any equivalent"	
5.	<p>TOR – Pages 3-4</p> <p>C. Project/Services Requirements</p> <p>1. Technical Specification</p> <p>(4. POE Access Switch)</p> <p>1)8 x 10/100/1000BASE-T RJ-45 PoE Ports, 4 x GE SFP ports</p> <p>2)2 Core, 1 GHz.</p> <p>3)Minimum of 2GB.</p> <p>4)Switching capacity of at least 24 Gbps.</p> <p>5)Built-in power supply.</p> <p>6)Minimum of 125 W.</p> <p>7)Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w), MSTP (IEEE 802.1s), BPDU protection, root protection and loop protection, ERPS (ITU-T G.8032 Standard Ethernet Ring Protection Switching).</p> <p>8)Support MAC address, IP address (source / destination), Protocol type.</p> <p>9)Support for link aggregation for higher bandwidth.</p> <p>10)Minimum of 32000 addresses capacity.</p> <p>11)Minimum of 4000 FIBv4 entries.</p> <p>12)Support for at least 4000 VLAN.</p> <p>13)Supports guest, voice, principal VLAN .</p> <p>14)Supports WEB GUI, SSH, manageable by the proposed</p>	<p>2)May we suggest if we can relax the requirement to: "2 Core, 1GHz OR any equivalent Industry standard processor"</p> <p>3)The memory requirement specified is excessively high and exceeds the standard configuration range of access POE switch. Given the typical use case of access switches, such a large memory allocation does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest If we can relax the requirement to: "At least 512MB"</p> <p>11)May we suggest if we can relax the requirement to: "Minimum of 4000 FIBv4 entries OR any equivalent industry standard"</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose POE Access Switch that meet (at par) or exceed (better) than the prescribed requirements.</p>

	<p>SD-WAN controller using permanent license.</p> <p>15)Support static route, RIP, RIPng, OSPF, OSPFv3.</p> <p>16)Must support a method that can collect port traffic statistics for network optimization.</p> <p>17)Supports PIM DM, PIM SM, PIM SSM, IGMPv1/v2/v3 and IGMPv1/v2/v3 snooping, MLD v1/v2 and MLDv1/v2 snooping.</p> <p>18)DoS attack defense, ARP attack defense, and ICMP attack defense, Binding of the IP address, MAC address, interface number, and VLAN ID, Port isolation, port security, and sticky MAC, DHCPv6 ready, DHCPv6 server, DHCPv6 snooping.</p>	<p>17)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Can support any of the following: PIM DM, PIM SM, PIM SSM, IGMPv1/v2/v3 and IGMPv1/v2/v3 snooping, MLD v1/v2 and MLDv1/v2 snooping OR any equivalent"</p>	
6.	<p>TOR – Pages 4-6</p> <p>C. Project/Services Requirements</p> <p>1. Technical Specification (6. SD-WAN and Network Controller)</p> <p>1)The Proposed Brand must be in leader or challenger position of Gartner Magic Quadrant of SD-WAN.</p> <p>2)Provide a centralized, visualized, and unified controller platform for router, switches and firewalls.</p> <p>3)Support deployment modes including USB-based deployment, email-based deployment, DHCP-based deployment, and deployment</p>	<p>1)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"The proposed brand must either be a Leader or Challenger in the Gartner Magic Quadrant for SD-WAN, OR the proposed brand must be certified with CMMI Level 5 OR any equivalent"</p> <p>The CMMI Level 5 certification is a key indicator of the vendor's strong R&D capabilities and process maturity, ensuring highly standardized and continuously optimized software development and project management.</p> <p>3)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose SD-WAN and Network Controller that meet (at par) or exceed (better) than the prescribed requirements.</p>

	<p>through the registration query center to meet requirements in different scenarios.</p>	<p>"Can support a variety of zero configuration startup tools, including EDP, USB, email, DHCP, and other startup methods"</p>	
	<p>4)Support batch deployment, and plug-and-play of LAN-side devices. Sites can be configured in batches by copying existing site templates or importing site templates.</p>	<p>4)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Support batch deployment, and plug-and play of LAN-side devices. Sites can be configured in batches by copying existing site templates or importing site templates, OR Support automatic distribution of device configuration, and can distribute device configuration remotely through the controller."</p> <p>Batch deployment will still be manageable and completed. It can be easily managed and configured remotely.</p>	
	<p>5) 1. WAN interface parameters for URL-based deployment can be modified online, eliminating the need for onsite deployment. 2. The link through which devices register with the controller can be modified online.</p>	<p>5)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Can support and provide the following: WAN Interface parameters for URL-based deployment can be modified online, eliminating the need for onsite deployment. The link through which devices register with the controller can be modified online, OR Support real-time monitoring of link bandwidth, delay, jitter, and packet loss rate through BSM, and display real-time link quality status."</p>	
	<p>6)Supports display physical and logical topologies and allow users to view the physical and logical topologies of multiple VPNs</p>		
	<p>7)Monitor site traffic, applications, and links.</p>		
	<p>8)Supports ping, trace, and fault information collection tools using the controller.</p>		
	<p>9)Allow users to log in to the device background through the controller and run commands to query device information.</p>	<p>9)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Allow users to log in to the device background through controller and run commands to query device information, OR support unified management and scheduling of L2</p>	

<p>10)If a device hardware fault occurs, you can replace the device with a new device of the same performance with one click. The live network configuration is automatically imported.</p>		<p>dedicated lines, L3 dedicated lines, 4 /5G links, and Internet lines."</p> <p>10)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"If a device hardware fault occurs, you can replace the device with a new device of the same performance with one click. The live network configuration is automatically imported OR any equivalent"</p>	
<p>11)The controller supports the design of admin users, MSP administrators, and tenant administrators, providing users with more flexible O&M management.</p>			
<p>12)Supports rights- and domain-based management</p>		<p>12)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Supports rights- and domain-based management OR any equivalent"</p>	
<p>13)Based on live-network traffic data, algorithms can be used to predict future WAN-side traffic and implement predictive O&M. Based on the prediction, users can optimize QoS policy configurations and upgrade bandwidth in advance.</p>			
<p>14)Support multi-POP networking. CPEs can be connected to multiple POPs at the same time. When a POP is faulty, fast switchover can be implemented.</p>			
<p>15)Support full-mesh, hub-spoke, partial mesh, hierarchical networking, and user-defined topology networking</p>		<p>15)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Support full-mesh, hub-spoke, partial mesh, hierarchical networking, and user-defined topology networkin, OR support service transmission over the DVPN Overlay network. The solution provides dual-network bearer capability, ensures logical isolation between the Overlay and Underlay networks, and allows flexible bearer network selection based on service requirements."</p>	
<p>16)Supports automatic tunnel connection generation for sites</p>		<p>16)The requirement pertains or has proprietary parameters to a specific</p>	

H-11

	based on the topology without manual configuration. Route learning and advertisement can be automatically orchestrated. Internet access services can be automatically orchestrated.	brand. In order to allow better participation, may we suggest to relax the specification to: "Can support any of the following: automatic tunnel connection generation for sites based on the topology without manual configuration. Route learning and advertisement can be automatically orchestrated. Internet access services can be automatically orchestrated OR any other equivalent. "	
	17) Supports more than four links.	17) The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Can support any of the following: Supports more than four links OR any equivalent industry standard "	
	18) 1. Support local breakout at branch sites, centralized access at the HQ site, and multi-tenant access through interconnection between IWGs and PEs. 2. Support two Internet links for load balancing during local breakout.	18) The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Can support any of the following: 1. Support local breakout at branch sites, centralized access at the HQ site, and multi-tenant access through interconnection between IWGs and PEs. 2. Support two internet links for loading balancing during local breakout Or any equivalent "	
	19) Support first-packet identification, signature database identification of more than 6000, and customized applications.	19) The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Support signature database identification of more than 6000, and customized applications OR Support setting constraints for switching between primary and backup paths, such as link latency, jitter, packet loss, etc. When the primary path fails or reaches the constraint, traffic automatically switches to the backup path for forwarding "	
	20) Support traffic steering based on the link SLA of applications, bandwidth usage and application priority.		
	21) Support flow-based and packet-based load balancing and implement 5-tuple-based traffic policy configuration through ACLs.	21) The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:	

	<p>22)Support SLA in-band link quality detection based on real service flows.</p> <p>23)Support the adaptive forward error correction (A-FEC) function to detect application packet loss in real time.</p> <p>24)Supports site isolation and ESN whitelist.</p> <p>25)Support permanent management licenses for the SD-WAN devices.</p> <p>26)Must provide a set of servers to deploy the SD-WAN controller software.</p>	<p>"Support flow-based and packet based load balancing and implement 5-tuple-based traffic policy configuration through ACLs OR any equivalent"</p> <p>22)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Support SLA in-based link quality detection based on real service flows OR Support recalculation and restoration of service paths after device failure"</p> <p>23)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Support the adaptive forward error correction (A-FEC) function to detect application packet loss in real time OR Support service scheduling log display, showing the time, reason, result, original path and final path of service scheduling"</p> <p>24)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Support site isolation and ESN whitelist, OR isolation can be done on Firewall side, OR Support network escape. When the controller is abnormal, it can dynamically adjust the forwarding path according to the real-time network situation to ensure the orderly forwarding of service traffic."</p> <p>26)In the addition of this requirement, bidders are required to provide set of servers for the SDWAN Controller. However, in the BOQ only one (1) server is indicated. May we request clarification on the required quantity of 'set of servers' for the Network Controller included in the design, as it will greatly affect the financials for this project.</p> <p>Additionally, may we humbly clarify that there are several principal/manufacturers that can provide the solution without the additional 'set of servers' for the Network Controller as it is already embedded /</p>	
--	---	--	--

		<p>built-in in the hardware - this requirement may limit and pertain to certain brand.</p> <p>Is it possible offer a solution that can still provide similar or better feature for this project, without requiring the additional 'set of servers'?</p>	
7.	<p>TOR – Pages 3-4 C. Project/Services Requirements 1. Technical Specification (7. HQ Router)</p> <p>1)SD-WAN performance at least 4 Gbps</p> <p>2)Forwarding Performance at least 10Gbps</p> <p>3)IPsec Performance at least 7 Gbps</p> <p>4)WAN interfaces at least 14*10GE SFP+ and at least 10*GE RJ45.</p> <p>5)All WAN ports can be configured as LAN.</p> <p>6)CPU at least 16-core, 2.26 GHz.</p>	<p>1)May we suggest if we can relax the requirement to: "SD-WAN performance at least 4 Gbps OR any equivalent industry standard"</p> <p>4)May we suggest if we can relax the requirement to: "WAN interfaces at least 8*10GE SFP+ and at least 8*GE RJ 45."</p> <p>5)The requirement pertains or has proprietary parameters to a specific brand. WAN ports are specifically designed to connect to wide area networks with dedicated routing and traffic management functions. Repurposing them as LAN ports may compromise proper network segmentation and traffic control.</p> <p>In order to allow better participation, may we suggest to relax the specification to:</p> <p>"All WAN ports can be configured as LAN OR there shall be dedicated WAN and LAN ports for proper network segmentation and traffic control"</p> <p>6)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"CPU at least 16-core, 2.0 Ghz or any equivalent"</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose HQ Router that meet (at par) or exceed (better) than the prescribed requirements.</p>

	7)Memory at least 16 Gbps.	7)May we suggest if we can relax the requirement to: "Memory at least 16Gbps or equivalent industry standard memory capacity"	
	8)Flash memory at least 4 Gbps.	8)May we suggest if we can relax the requirement to: "Flash memory at least 4 Gbps or equivalent industry standard flash memory"	
	9)Support IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP, IPv6 PIM, MLD.	9)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Able to support any of the following: IGMP v1/v2/v3, PIM-SM, PIM-DM, MSDP, MBGP, IPv6 PIM, MLD or other equivalent"	
	10)Support Routing policies, static routes, RIP, OSPF, IS-IS, BGP.		
	11)Support RIPng, OSPFv3, IS-ISv6, BGP4+, IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6	11)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Able to support any of the following: RIPng, OSPFv3, IS-ISv6, BGP4+, IPv6 ND, IPv6 PMTU, IPv6 FIB, IPv6 ACL, ICMPv6, DNSv6, DHCPv6 or other equivalent."	
	12)Support IPsec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, L2TPV3 VPN.	12)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Able to support any of the following: Ipsec VPN, GRE VPN, DSVPN, A2A VPN, L2TP VPN, L2TPV3 VPN or other equivalent"	
	13)Support ACL (v4/v6), domain-based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR, blacklist, attack source tracing, online behavior management, IPS, URL filtering.	13)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to: "Can support any of the following: Support ACL (v4/v6), domain based stateful firewall, 802.1X authentication, MAC address authentication, portal authentication, AAA authentication, RADIUS authentication, HWTACACS authentication, PKI, broadcast storm suppression, ARP security, ICMP attack defense, URPF, CPCAR,	

		<p>blacklist, attack source tracking, online behavior management, ISP, URL filtering OR Support network escape. When the controller is abnormal, it can dynamically adjust the forwarding path according to the real-time network situation to ensure the orderly forwarding of service traffic."</p>	
	<p>14)Support DiffServ mode, MPLS QoS, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control.</p>	<p>14)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Can support any of the following: Support DiffServ mode, MPLS QoS, priority mapping, traffic policing (CAR), traffic shaping, congestion avoidance, congestion management, MQC (traffic classifier, traffic behavior, and traffic policy), hierarchical QoS, Smart Application Control. OR Support network escape. When the controller is abnormal, it can dynamically adjust the forwarding path according to the real-time network situation to ensure the orderly forwarding of service traffic."</p>	
	<p>15)Support Multi-fed and Selective receiving, per-packet load balancing.</p>		
8.	<p>TOR – Page 7 C. Project/Services Requirements 1. Technical Specification (9. Firewall)</p> <p>1)2*GE RJ45 + 8*GE COMBO + 2*10GE SFP+.</p> <p>2)4 Core, 1.4 GHz.</p> <p>3)Minimum of 8GB.</p>	<p>2)The requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive specification does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest if we can relax the requirement to: "4 Core, 1.4 GHz or equivalent industry leading processors"</p> <p>3)The requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive specification does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose Firewall that meet (at par) or exceed (better) than the prescribed requirements.</p>

		<p>May we suggest if we can relax the requirement to: "Minimum of 8GB or equivalent industry memory"</p>	
	4)IPv4 Firewall throughput should reach 5Gbps at 512 byte UDP.		
	5)IPv6 Firewall throughput should reach 5Gbps at 512 byte UDP.		
	6)Provide at least 240GB HDD Local Hard disk for logs and reports.		
	7)At least dual power supply.		
	8)When fully open Threat Protection including IPS, AV, and URL filtering, throughput should be higher than 1Gbps.		
	9)Supports multiple types of routing protocols and features, such as RIP, OSPF, BGP, IS-IS, RIPv4, OSPFv3, BGP4+, and IPv6 IS-IS.	<p>9)The requirement pertains or has proprietary parameters to a specific brand.</p> <p>In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Supports multiple types of routing protocols and features, such as RIP, OSPF, BGP, IS-IS, RIPv4, OSPFv3, BGP4+ / BGPv3, and IPv6 IS-IS OR Support IPv4, IPv6 dual stack. Default routing, static routing, policy routing, support RIP, RIPv4, OSPF, BGP and other dynamic routing."</p>	
	10)Supports attack detection and prevention based on over 12000+ local signatures.	<p>10)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Supports attack detection and prevention based on over 12000+ local signature OR Supports attack protection types include: SYN Flood, ICMP Flood, UDP Flood, IP Flood, DNS Flood, HTTP Flood, SYN Cookie, IP scanning attack, port scanning, IP spoofing, DHCP monitoring auxiliary inspection, Ping of Death, Teardrop, IP option , TCP exception, Smurf, Fraggle, Land, Winnuke, DNS exception, IP fragmentation, etc."</p>	
	11)CVE identifiers covered by the IPS over 8000.		
	12)Support at least 6000 Application signature and can used in business policy such as NAT policy, security policy and bandwidth policy.	<p>12)The Application signature requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive Application signature does not seem necessary and raises concerns</p>	

11-17

		<p>of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest if we can relax the requirement to: "Support at least 5000 Application signature and can used in business policy such as NAT policy, security policy and bandwidth policy."</p>	
	13)Support at least 15,000 Security Policy.	<p>13)The requirement pertains or has proprietary parameters to a specific brand. Relying solely on the number of policies may be misleading; actual protection effectiveness and intelligent policies are more critical.</p> <p>In order to allow better participation, may we suggest to relax the specification to: "Support at least 15,000 Security Policy OR It can Identify and block 5000+ vulnerabilities and spyware, and support generating dynamic policy"</p>	
	14)Supports WEB GUI, SSH, manageable by the proposed SD-WAN controller using permanent license.		
9.	<p>TOR – Page 7 C. Project/Services Requirements 1. Technical Specification (8. 24 Port Switch)</p> <p>1)24 x 10/100/1000BASE-T RJ-45 Ports, 4 x 10GE SFP+ ports, 2 allotted stack ports.</p> <p>2)2 Core, 1 GHz.</p>	<p>1)The port requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive port does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest if we can relax the requirement to: "24 x 10/100/1000BASE-T RJ-45 Ports, 4 x 10GE SFP+ ports, 2 allotted stack ports or 24 x 10/100/1000BASE-T RJ-45 Ports, 4 x 10GE SFP+ ports"</p> <p>2)The requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive specification does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at the minimum. The prospective bidder may propose 24 Port Switch that meet (at par) or exceed (better) than the prescribed requirements.</p>

		<p>May we suggest if we can relax the requirement to: "2 Cores, 1 GHz or equivalent industry leading processors"</p>	
	3)Minimum of 2GB.	<p>3)The requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive specification does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest if we can relax the requirement to: "Minimum of 2GB or equivalent industry memory"</p>	
	4)Switching capacity of at least 176 Gbps.	<p>4)The switching capacity requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive port does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest if we can relax the requirement to: "Switching Capacity of at least 128 Gbps"</p>	
	5)At least dual power supply.		
	6)Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w), MSTP (IEEE 802.1s), BPDU protection, root protection and loop protection, ERPS (ITU-T G.8032 Standard Ethernet Ring Protection Switching).		
	7)Supports MAC address, IP address (source / destination), Protocol type.		
	8)Support for link aggregation for higher bandwidth.		
	9)Minimum of 32000 addresses capacity.	<p>9)The address capacity requirement specified is excessively high and exceeds the standard configuration ranges. Given the typical use cases, such an excessive address capacity does not seem necessary and raises concerns of potential specification tailor-fitted to a specific brand.</p> <p>May we suggest if we can relax the requirement to: "Minimum of 16000 address capacity"</p>	
	10)Minimum of 8000 FIBv4 entries.	<p>10)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p>	


		<p>May we suggest if we can relax the requirement to: "Minimum of 8000 FIBv4 entries or 1000 Route Entries (IPv4/IPv6) entries."</p>																													
	<p>11)Support for at least 4000 VLAN.</p>																														
	<p>12)Supports VLAN, voice VLAN, Basic QinQ & Selective QinQ.</p>																														
	<p>13)Supports WEB GUI, SSH, manageable by the proposed SD-WAN controller using permanent license.</p>																														
	<p>14)Support static route, RIP, RIPvng, OSPF, OSPFv3.</p>																														
	<p>15)Supports PIM DM, PIM SM, PIM SSM, IGMPv1/v2/v3, IGMPv1/v2/v3 snooping, MLD snooping.</p>	<p>15)The requirement pertains or has proprietary parameters to a specific brand. In order to allow better participation, may we suggest to relax the specification to:</p> <p>"Able to support any of the following: PIM DM, PIM SM, PIM SSM, IGMPv1/v2/v3, IGMPv1/v2/v3 snooping, MLD snooping or equivalent"</p>																													
	<p>16)DoS attack defense, ARP attack defense, ICMP attack defense, Binding of the IP address, MAC address, port number, and VLAN ID, Port isolation, port security, and sticky MAC, DHCPv6 ready.</p>																														
10.	<p>TOR – Page 14 D. Scope of Project/Service 6. Bill of Quantities</p> <table border="1"> <thead> <tr> <th colspan="4">For LBP Plaza Security Control Room</th> </tr> <tr> <th>#</th> <th>Description</th> <th>Unit</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Surveillance Management Platform</td> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>Network Controller</td> <td>1</td> <td>1</td> </tr> <tr> <td>3</td> <td>10G Switch</td> <td>2</td> <td>2</td> </tr> <tr> <td>4</td> <td>24 Port Switch</td> <td>2</td> <td>2</td> </tr> <tr> <td>5</td> <td>10G Firewall</td> <td>2</td> <td>2</td> </tr> </tbody> </table>	For LBP Plaza Security Control Room				#	Description	Unit	Qty	1	Surveillance Management Platform	1	1	2	Network Controller	1	1	3	10G Switch	2	2	4	24 Port Switch	2	2	5	10G Firewall	2	2	<p>In order for us to finalize and complete the design of the whole system. May we request clarification on the design and requirement for the LBP Plaza Security Control Room. Are the items indicated here are designed for a Failover / Back up System?</p> <p>May we request an overview of the over-all design or topology of the components for us to properly estimate and include all factors as it will greatly affect the financials needed in this competitive bidding.</p>	<p><u>Not considered</u></p> <p>The design is clearly stated in the Terms of Reference and will be retained as indicated therein.</p>
For LBP Plaza Security Control Room																															
#	Description	Unit	Qty																												
1	Surveillance Management Platform	1	1																												
2	Network Controller	1	1																												
3	10G Switch	2	2																												
4	24 Port Switch	2	2																												
5	10G Firewall	2	2																												
11.	<p>TOR – Page 14 D. Scope of Project/Service 6. Bill of Quantities</p> <p>Internet Connectivity</p>	<p>We were informed by other internet service providers (ISP) that there are some branches with non-serviceable areas for DSL, will it be possible to use wireless or satellite connectivity for those branches?</p>	<p>The technical specifications indicated in the Terms of Reference (TOR), as revised based on the Supplementary Bid Bulletin (SBB) issued on October 09, 2025, are set at</p>																												

	-For 61 LBP Offices and Branches (50 MBPS Bandwidth DSL with Internet Bonding Equipment with Firewall Capability)	This request is to humbly allow greater participation of other bidders and properly conduct a competitive bidding for this project.	the minimum. The prospective bidder may propose Internet Connectivity that meet (at par) or exceed (better) than the prescribed requirements.
--	---	---	---

Prepared by:


DONNA ROSE N. FELICIANO
TWG Member, ATU-SD

Approved by:


JEREMY J. PEDREÑA
TWG Team Lead, ATU-SD

Noted by:


VP ROMULO E. SAPITULA
Head & BCSO, SD