



SUPPLEMENTAL BID BULLETIN NO. 2

6 October 2025

Attention: **All prospective bidders for the project**

BID REFERENCE NO. G-2025-25: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (ABC: PhP 14,800,000.00 inclusive of all applicable taxes)

Please be informed of the following:

1. The schedule of bid activities for the above-cited project shall proceed as follows:

ACTIVITY	DATE AND TIME (Per Supplemental Bid Bulletin No. 1 dated 1 October 2025)	VENUE
Submission of Eligibility, Technical, and Financial Proposals*	15 October 2025 (Wednesday) ON OR BEFORE 9:00 AM*	6/F BAC Secretariat, DBP Head Office, Makati City
Opening of Eligibility, Technical, and Financial Proposals	15 October 2025 (Wednesday) 9:30 AM	6/F BAC Conference Room, DBP Head Office, Makati City or via Zoom Meeting

**Late submissions shall not be accepted*

2. Response to the queries of the bidders:
(Please refer to **REVISED FORM 9** for the **Revised Technical Specifications** attached in this Supplemental Bid Bulletin No. 2 dated 6 October 2025)

QUESTIONS	RESPONSE
BIDDER NO. 1	
E.1.L Supports a minimum 20Gbps total throughput <i>Is the 20GBPS total throughput referred to as a WAN throughput?</i> <i>What is the maximum WAN throughput can the same device handle? Like 40GMBPS?</i>	Yes, 20Gbps is the minimum throughput required. No limitations on the maximum throughput required.
E.1.N Must be able to support a minimum 500,000 new connections per second <i>Is this 500,000 new connections per seconds or 50,000 new connections per second?</i>	It's 500,000 new connections per second.



QUESTIONS	RESPONSE
E.1.O Must be able to support a minimum of six (6) ISPs <i>What are the WAN interfaces of the six (6) ISP ports? Is it copper or fiber? Do you require the same hardware to expand more than six (6) ports? Say scalable to 12 WAN ports or maximum 15 WAN ports?</i>	The ILLB device will be terminated to a copper WAN/ISP switch. 6 ports are the minimum requirement. Device equipped with more than 6 ports is acceptable.
E.1.AE Must support ICMP (Ping), TCP, HTTP, HTTPS, UDP, SNMPv3, SMNPv2, SNMPv1 and DNS based monitors <i>When you say monitors are you referring to the Network Monitoring Tools?</i>	Yes.
H.10 Submission of bid document to include amount for each component: <i>Is it possible to indicate only One (1) Lot instead of specifying the quantity and amount, since most of the particulars are listed as lots?</i>	Follow the table provided in H.9
BIDDER NO. 2	
E.1.H For fiber interface, must come with required 1G copper SFP transceiver <i>Is it still necessary to add copper SFP transceivers even though GE copper ports are built-in to the proposed equipment?</i> <i>May we ask the needed QTY and specifications for 1G/10G fiber and copper SFP transceivers needed for the proposal? Multi-mode or single-mode?</i>	No need to add an SFP transceiver if the proposed equipment has at least 6 built-in copper interfaces.
BIDDER NO. 3	
E.1.F Provides a minimum of 32GB memory and 120GB SSD storage or equivalent, capable of a retention period to 12 months <i>Question/Clarification: Is Retention Period pertains to logs retention? This depends on the quantity of logs being generated related to system and link status & activity logs.</i> <i>Suggestion: Usually, best practice is to send logs to separate device like Log Server(s) for Retention Period requirements</i>	This is updated on the Technical Specifications <i>E.1.F Provides a minimum of 32GB memory and 120GB SSD storage or equivalent, capable to support local logging.</i>
E.1.H For fiber interface, must come with required 1G copper SFP transceiver <i>Question/Clarification: May we confirm how many ISPs and the connectivity/handover of these ISPs to the load balancer? (i.e. copper, fiber etc) We need this to confirm how many of these are copper, and how many are fiber.</i>	No need to add an SFP transceiver if the proposed equipment has at least 6 built-in copper interfaces.

QUESTIONS	RESPONSE
E.1.J Cables and cabling accessories (e.g. patch cord, cable manager, transceiver, etc.) required to operate the solution <i>Question : Transceivers to be used in the Load Balancer side will be included in the quotations. Please provide the quantity and type of transceiver. The description, quantity & length of patch cord.</i> <i>On the side of Switch / Router, does the switch/router what transceiver they need? Will the switch/router vendor supply these accessories for their product?</i>	Cabling and accessories will be based on the proposed hardware's requirement to operate.
E.1.O Must be able to support a minimum of six (6) ISPs <i>Question/Clarifications: As mentioned in the Pre-Bid conference, all 6 ISPs are 1G copper. Please confirm if 6 x 1GE (Base-T) ports of Load Balancer will be good that will utilized copper cabling such as Cat5e and Cat6. Please specify what is on the other side – switch / router ?</i>	The ILLB device will be terminated to a copper WAN/ISP switch. 6 ports will be the minimum requirement.
<i>Suggestion: Please provide the network diagram showing the existing architecture with 6 ISPs and the expected diagram having the Internet Link Load Balancer.</i>	
E.1.AF Must inter-operate with existing WAN and security solutions - Anti DDOS, Firewall, DNS, SIEM, SD-WAN facility, WAF, API Security upon implementation <i>Questions/Clarification: If possible, kindly provide your existing network diagram with above mentioned existing WAN and security solutions to verify inter-operability</i>	Diagrams can only be disclosed during the implementation period to protect the bank's interest.
BIDDER NO. 4	
E.1.E Must have redundant fan modules for front-to-back-airflow, redundant fans. <i>We would like to request if we can relax the requirement to allow "Side-to-Back Airflow.</i>	The bank's existing Data rack design is for front-to-back airflow setup.
E.1.K Must be able to operate between 0°C to 45 °C Temperature. <i>We would like to request if we can relax the requirement to allow "0-40 degrees" temperature</i>	Working temperature is updated on the Technical Specifications E.1.K Must operate on a temperature range of 0°C to 40°C

QUESTIONS	RESPONSE
E.1.P Capable to distribute incoming VPN Traffic across multiple backend VPN Devices. 1. this was raised during Prebid, proposing separate appliance is allowed to comply on this requirement. 2. may we also know if you already have an existing VPN device that we can integrate to comply with the requirement? 3. or should we propose VPN gateways also? Please provide sizing if yes.	No need to provide additional VPN device to comply with this requirement.
E.1.AA Must support Traditional IPv4 NAT/NAPT and IPv6 NAPT. we would like to request if we can omit this particular line item in the TOR.	This is updated on the Technical Specifications E.1.AA Capable to support Traditional IPv4 NAT/NAPT and IPv6 NAPT.
E.1.AI Must be a dedicated load balancing device, designed for internet service providers, small and medium-sized data centers, and campus networks, capable of Global Server Load Balancing for multi-site deployments we would like to request if we can relax the requirement on removing "cloud" and "hybrid" on this particular requirement	This is updated on the Technical Specifications E.1.AI Capable to support on-premises/cloud/hybrid management
E.1.AK Must be a dedicated load balancing device, designed for internet service providers, small and medium-sized data centers, and campus networks,	
capable of Global Server Load Balancing for multi-site deployments. we would like to clarify if your requirement will be implemented in multi-site? If yes what is the expected amount of queries to all systems to be covered by the ADC in terms of DNS requests?	Scope of this project covers the commissioning of the solution to the Bank's infrastructure in the Head Office.

QUESTIONS	RESPONSE
<i>F.1.c and F.2.i requires at least one (1) PMP Certified Project Manager, while the Checklist requires a certification issued by the Project Management Institute (PMI) or equivalent</i>	This is updated on the Technical Specifications F.1.c The installation and commissioning shall be managed, assisted, and overseen by at least one (1) PMP/CAPM Certified Project Manager and two (2) Product/Solution Certified Specialist for the product/solution being offered or equivalent until Project Completion and Acceptance F.2.i The installation and commissioning shall be managed, assisted, and overseen by at least one (1) PMP/CAPM Certified Project Manager and two (2) product/solution Certified or equivalent until Project Completion and Acceptance H.4.b Certificate/Proof naming/identifying the project manager to be assigned to the project (Refer to F.2.i) H.4.b.a Bidder should submit either Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities or a PMP/CAPM certification issued by the Project Management Institute (PMI)
BIDDER NO. 5	
<i>for E.1.B - Must be able to interface with a 1G/10G copper and/or fiber switch to support one arm setup with backward compatibility up to 1G</i>	The ILLB device will be terminated to a copper WAN/ISP switch. 6 ports will be the minimum requirement.

QUESTIONS	RESPONSE
For Load Balancer May we know the total number of 1G/10G copper and fiber transceivers that need to be provided for the two (2) load balancers? For the WAN Switch Does DBP have an existing WAN switch? Will DBP require transceivers for their WAN switch? If yes, can DBP provide the interface specifications and the total number of transceivers to be used for connecting to the proposed two (2) load balancers?	
For, E.1.E - Must have redundant fan modules for front-to-back airflow We request that this requirement be removed, as manufacturers design fan configurations (including redundant modules) based on each appliance's hardware specifications. These specifications are determined by industry standards, certifications, and the equipment's specific heat dissipation requirements. Because devices are built with varying cooling needs, redundant fans are not universally required or standard across all hardware type. Fan-based redundancy is provided for server type or model with higher heat dissipation and the amount of heat output per server varies, depending on the server configuration (refer to the reference link). In this context, we respectfully request the removal of the mandatory redundant fan requirement, as this may only apply to certain devices or models requiring redundant fans. Instead, we recommend that proposed equipment should meet industry standards and specific equipment certification requirements. Instead of this physical requirements, DBP requirements should be adherence to industry and global standards /testing such as IEC, European Union, ANSI/UL, and Canadian CSA standards, as applicable. Reference: Server Power and Cooling Requirements https://docs.oracle.com/cd/E19088-01/v4445.srvr/819-5730-10/powcool.html	Requirement for E.1.E will be retained.
For, E.1.F - Provides a minimum of 32GB memory and 120GB SSD storage or equivalent, capable of a retention period to 12 months. Requesting that the requirement for 12-month log retention be removed or to rephrase with the system's capability " has Logging features and can support local logging . While link load balancers and related equipment have memory and storage which can comply to the specification, their purpose are not intended for the purpose of log storage or retention. These systems are designed primarily for networking functions, with logs only intended to support realtime troubleshooting and operational monitoring. Industry practice that 12-month log retention is typically associated with forensic, compliance, or security analytics purposes (e.g., SIEM or Security Analytics platforms), which are not applicable to network equipment like internet link load balancers, routers, or switches. Reference: NIST Special Publication 800-92 Recommendations of the National Institute of Standards and Technology (Log Management Infrastructure, 3.2	This is updated on the Technical Specifications E.1.F Provides a minimum of 32GB memory and 120GB SSD storage or equivalent, capable to support local logging.

QUESTIONS	RESPONSE
Functions) https://nvlpubs.nist.gov/nistpubs/legacy/sp/nistspecialpublication800-92.pdf For E.1.J - Cables and cabling accessories (e.g. patch cord, cable manager, transceiver, etc.) required to operate the solution Similarly to E.1.B, may we request the total number of cables including the length and the type of cables we need to provide	Cabling and accessories will be based on the proposed hardware's requirement to operate.
For E.1.K - Must be able to operate between 0°C to 45°C temperature Confirming in writing, based on the response during the pre-bid conference, that the requirement is for the proposed equipment to be operational within the given range of 0°C to 45°C	Working temperature is updated on the Technical Specifications E.1.K Must operate on a temperature range of 0°C to 40°C
For E.1.AA - Must support Traditional IPv4 NAT/NAPT and IPv6 NAPT May we confirm that the statement - "support for NAPT" means that the proposed equipment should be capable of supporting this feature, and that it is intended solely for "future-proofing" the proposed appliance? Typically, NAPT employs a single external IP address to map up to 65,536 private addresses. This configuration is not generally required in enterprise-grade environments, as it involves translating one IP address to a large number of objects/IPs. Such a requirement is usually considered a carriergrade (telco) function designed to address a massive subscriber base, which is not applicable in the context of a banking environment. References: Carrier Grade NAT - A next level of NAT https://nfware.com/blog/carrier-grade-nat#:~:text=Carrier%20Grade%20NAT-,Carrier%20Grade%20Network%20Address%20Translation%2C%20also%20known%20as%20Large%20Scale,and%20%C2%ABblack%C2%BB%20IP%20addresses.https://www.juniper.net/documentation/us/en/software/junos/interfaces-next-genservices/topics/concept/nat-napt-overview-usf.htm	This is updated on the Technical Specifications E.1.AA Capable to support Traditional IPv4 NAT/NAPT and IPv6 NAPT.
Single Largest Completed Contract (SLCC) Considering that project titles may vary while still referring to the same purpose of a load balancing solution (whether server and/or network, data center, or internet link load balancing), we respectfully request that DBP recognize and include the following project names in the SLCC for uniformity and clarity of interpretation: 1. Application Delivery Controllers 2. ISP Link Load Balancer 3. Load Balancer	This is updated on the Technical Specifications H.4 The Vendor/Supplier must have completed a single contract for a similar Internet Link Load Balancer solution in the last 10 years with an equivalent to at least fifty percent (50%) of the ABC of this project. A similar contract shall include (at least delivery,

QUESTIONS	RESPONSE
	<i>installation and maintenance) Link Load balancer/Application Delivery Controllers/ISP Link Load Balancer/Load Balancer</i>
COMPLETION PERIOD <i>May we request to extend the completion timeline to 90 days? 15 days for installation and Commissioning may not be enough considering the migration and testing For E under General Requirements The Vendor/Supplier must have a proof that the solution being offered is classified as a leader or visionary, or at least challenger from the latest Gartner Magic Quadrant Report, or equivalent from any known third-party Technology Research and Advisory Firms (e.g. Forrester, NSS Labs, etc. The Vendor/Supplier is required to certify that the solution device provided will remain available for sale and supported for at least five years from the date of project completion and acceptance Do we also need to submit these requirements during bid opening?</i>	Completion period will be retained to 80 days Required to submit during Post Qualification
WARRANTY <i>May we confirm the start of warranty of the project?</i>	Warranty will commence upon signing of Final Acceptance Certificate.

3. **Revisions made on the Technical Specifications:**
(Please refer to *REVISED FORM 9* for the *Revised Technical Specifications* attached in this Supplemental Bid Bulletin No. 2 dated 6 October 2025)

FROM		TO
Section	From	To
E.1 K	Must be able to operate between 0°C to 45°C temperature	Must operate between temperature range of 0°C to 40°C
E.1 AA	Must support Traditional IPv4 NAT/NAPT and IPv6 NAPT	Capable to support Traditional IPv4 NAT/NAPT and IPv6 NAPT
E.1.AI	Must support on-premises/cloud/hybrid management	Capable to support on-premises /cloud/hybrid management
F.2.i	F.2.i. The installation and commissioning shall be managed, assisted, and overseen by at least one (1) PMP Certified Project Manager and two (2) product/solution Certified or equivalent until Project Completion and Acceptance	The installation and commissioning shall be managed, assisted, and overseen by at least one (1) PMP/CAPM Certified Project Manager and two (2) product/solution Certified or equivalent until Project Completion and Acceptance
H.4.b.	Certificate/Proof naming/identifying the project manager to be assigned to the project (Refer to F.2.i). Personnel should have the following supporting documents:	H.4.b. Certificate/Proof naming/identifying the project manager to be assigned to the project (Refer to F.2.i).
H.4.b.a	H.4.b.a. Certificate of Employment H.4.b.b. Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities H.4.b.c. Certification issued by the Project Management Institute (PMI) or equivalent	H.4.b.a. Bidder should submit either Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities or a PMP/CAPM certification issued by the Project Management Institute (PMI).
H.2 Manufacturer's certificate that the bidder vendor/supplier has Advance Data Center and/or Enterprise Network specializations.		Requirement removed.

FROM	TO
H.5. The Vendor/Supplier must have completed a single contract for a similar Internet Link Load Balancer solution in the last 10 years with an equivalent to at least fifty percent (50%) of the ABC of this project. A similar contract shall include (at least delivery, installation and maintenance) Link Load Balancer.	H.4. The Vendor/Supplier must have completed a single contract for a similar Internet Link Load Balancer solution in the last 10 years with an equivalent to at least fifty percent (50%) of the ABC of this project. A similar contract shall include (at least delivery, installation and maintenance) Link Load Balancer/Application Delivery Controllers/ISP Link Load Balancer/Load Balancer.

4. Revisions made on the Bidding Forms:

(Please refer to **REVISED FORM 9** for the **Revised Technical Specifications** attached in this Supplemental Bid Bulletin No. 2 dated 6 October 2025)

FROM	TO
FORM 4	REVISED FORM 4
Statement of Single Largest Completed Contract	Revised Statement of Single Largest Completed Contract
FORM 9	REVISED FORM 9
Technical Specifications	Revised Technical Specifications
ANNEX A	REVISED ANNEX A
Technical Specifications Compliance Checklist	Revised Technical Specifications Compliance Checklist

5. Revision on the Checklist of Requirements

(Please see the **Revised Checklist of Requirements** as attached in this Supplemental Bid Bulletin No. 2 dated 6 October 2025)

FROM	TO
TAB 5	TAB 5
Statement of single largest completed contract of similar nature (government or private contract) within the last ten (10) years equivalent to at least fifty percent (50%) of the ABC (Template per FORM 4), duly signed by the bidder's authorized representative.	Revised Statement of single largest completed contract of similar nature (government or private contract) within the last ten (10) years equivalent to at least fifty percent (50%) of the ABC (Template per REVISED FORM 4, attached in the Supplemental Bid Bulletin No. 2 dated 6 October 2025), duly signed by the bidder's authorized representative.
Similar contract refers to (at least delivery, installation and maintenance) Link Load Balancer. ...XXX	Similar contract refers to (at least delivery, installation and maintenance) Link Load Balancer/ Application Delivery Controllers/ ISP Link Load Balancer/Load Balancer. ...XXX
TAB 10	TAB 10
Accomplished/conformed Technical Specifications per FORM 9 , duly signed by the bidder's authorized representative.	Accomplished/conformed Revised Technical Specifications per REVISED FORM 9 (attached in the Supplemental Bid Bulletin No. 2 dated 6 October 2025), duly signed by the bidder's authorized representative.
<u>Bidders must state either "Comply" or "Not Comply" on each page of the Technical Specifications/Terms of Reference AND sign on each page as conformance.</u>	<u>Bidders must state either "Comply" or "Not Comply" on each page of the Technical</u>

FROM	TO
	<u>Specifications/Terms of Reference AND sign on each page as conformance.</u>
TAB 12 Certificate issued by the manufacturer stating that the vendor/bidder has Advance Data Center and/or Enterprise Network specializations.	This requirement is removed.
NONE	TAB 12 (new requirement) Certificates/Certifications issued by an International Standards Body. Product should have the following minimum certifications: • Safety Certifications and Electromagnetic Compatibility Certifications mentioned in section E.1.AP • Reduction of Hazardous Substance (RoHS).
TAB 14 Credentials/certifications of the bidder's personnel to be assigned to the project as follows: 1. Certificate/Proof naming/identifying Solution Technical Support Personnel (at least two personnel) to be assigned to this project if awarded the contract (Refer to F.2.i of Form 9). Each personnel should have the following supporting documents: • Certificate of Employment • Curriculum Vitae showing that the technical support personnel have experience with the solution being offered • Certification issued by the manufacturer of the product/solution being offered with validation reference (certificate number or equivalent) 2. Certificate/Proof naming/identifying the Project Manager to be assigned to the project (Refer to F.2.i of Form 9). Personnel should have the following supporting documents: • Certificate of Employment • Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities • Certification issued by the Project Management Institute (PMI) or equivalent	TAB 14 Credentials/certifications of the bidder's personnel to be assigned to the project as follows: 1. Certificate/Proof naming/identifying Solution Technical Support Personnel (at least two personnel) to be assigned to this project if awarded the contract (Refer to F.2.i of Form 9). Each personnel should have the following supporting documents: • Certificate of Employment • Curriculum Vitae showing that the technical support personnel have experience with the solution being offered • Certification issued by the manufacturer of the product/solution being offered with validation reference (certificate number or equivalent) 2. Certificate/Proof naming/identifying the Project Manager to be assigned to the project (Refer to F.2.i of Form 9). • Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities <u>or</u> a PMP/CAPM certification issued by the Project Management Institute (PMI).
TAB 16 Accomplished Technical Specifications Compliance Checklist per ANNEX A of FORM 9 , duly signed by the bidder's authorized representative.	TAB 16 Accomplished Revised Technical Specifications Compliance Checklist per REVISED ANNEX A of FORM 9 (attached in the Supplemental Bid Bulletin No. 2 dated 6 October 2025), duly signed by the bidder's authorized representative.

6. **Bidders are reminded to use the following forms as attached in this Supplemental Bid Bulletin No. 2 dated 6 October 2025 and submit together with ALL other required documents for the submission and opening of eligibility, technical, and financial documents:**
- **REVISED FORM 4 for the Revised Statement of Single Largest Completed Contract;**
 - **REVISED FORM 9 for the Revised Technical Specifications; and**
 - **REVISED ANNEX A for the Revised Technical Specifications Compliance Checklist**
7. **The Eligibility, Technical Documents and Financial Proposals must be properly tabbed for easy reference and must be submitted in sequence/order per Revised Checklist of Requirements.**
8. **Please refer to Please refer to Section III. Bid Data Sheet (BDS) of the Philippine Bidding Documents for the detailed procedure and options for the payment of bidding documents and the submission of bids. As indicated in the Invitation to Bid, bidders must settle the required payment for the bidding documents before the deadline of the submission and receipt of bids.**
- Additionally, bidders are encouraged to submit their bid proposals (either manual or online submission) at least one day prior to the deadline to avoid late submissions. Bidders may attend the bid opening through Zoom Meeting App.**
- For online submission of bids, bidders are reminded to email the BAC Secretariat of their intent to submit electronically at least one day prior to the deadline of bid submission. This is to give ample time for the Secretariat to prepare and generate the link wherein bidders will upload their proposals.**
9. **The BAC shall no longer entertain any question/request for clarification after the issuance of this Bid Bulletin.**
10. **Please be advised that bids submitted after the deadline shall only be marked for recording purposes, shall not be included in the opening of bids, and shall be returned to the bidder unopened.**

This Supplemental Bid Bulletin **No.2** is issued for the guidance and information of all concerned.

(SIGNED)

Senior Vice President and
Chairperson, Bids and Awards Committee

REVISED FORM 4

(use Bidder's Official Letterhead)

SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND
MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB)
FOR THE DEVELOPMENT BANK OF THE PHILIPPINES
Bid Reference No. G-2025-25

REVISED STATEMENT OF SINGLE LARGEST CONTRACT (GOVERNMENT OR
PRIVATE), OF SIMILAR NATURE COMPLETED WITHIN THE LAST TEN (10)
YEARS EQUIVALENT TO AT LEAST FIFTY PERCENT (50%) OF THE ABC

Business Name : _____
Business Address : _____

Name of Contract	a) Client's Name b) Address c) Telephone number d) Email address	Nature of Work	Bidder's Role		a) Amount Awarded b) Amount Completion c) Duration	at	a) Date Awarded b) Contract Effectivity c) Date Completed
			Description	%			

IMPORTANT: Please attach the following supporting documents related to each listed completed similar contract:

The identified single largest completed contracts must be supported by the following:

- 1) Notice of Award (NOA), **OR** Notice to Proceed (NTP), **OR** Contract/Purchase Order (PO)

AND

- 2) **Any one** of the following documents:

- 2.1) Copy of Certificate of Completion or Certificate of Acceptance or Certificate of Satisfactory Performance issued by the bidder's client;
- 2.2) Copy of Official Receipt/s or Sales Invoice/s issued by the bidder to the client (ORs/ SIs must sum up to the full amount of total contract price of completed project).

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____

Note: Similar contract shall refer to (at least delivery, installation and maintenance) Link Load Balancer/ Application Delivery Controllers/ ISP Link Load Balancer/Load Balancer.

REVISED FORM 9 (page 1 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

Bidder's
Statement of
Compliance
Bidders must
state here
either
"Comply" or
"Not Comply"

SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB PROJECT) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

APPROVED BUDGET FOR THE CONTRACT: PHP14,800,000.00
(Inclusive of Taxes)

TECHNICAL SPECIFICATIONS

A. BACKGROUND

The Internet Link Load Balancer (ILLB) Project aims to provide the Bank with internet link reliability and efficiency through the dynamic failover feature of the solution eliminating the need for manual switchover and a seamless transition (redundancy) from one ISP to another. The acquisition of ILLB is intended for High Availability (HA) setup requiring two (2) hardware devices.

B. OBJECTIVE

To acquire the above network equipment from an authorized and qualified Supplier/Vendor with necessary support and documentation specified in this document.

C. COVERAGE OF THE PROJECT

The project shall cover the supply, delivery, installation, testing, commissioning to include configuration and integration, user acceptance, training, warranty, maintenance, and relevant documentation.

D. SCOPE OF THE PROJECT IMPLEMENTATION

The implementation of the ILLB Project shall cover the commissioning of the solution to the Bank's infrastructure in the Head Office.

E. MINIMUM TECHNICAL REQUIREMENTS/SPECIFICATIONS

The verification will be conducted using the Technical Specification Compliance Checklist attached as Annex A. This checklist must be completed accurately by the prospective Vendor/Supplier and will be evaluated against certificates, certifications, or information from the brochure or technical data sheet of the offered product/solution, and/or Proof of Concept, on a pass or fail basis.

General Requirements:

- Vendor/Supplier is required to propose an Internet Link Load Balancer hardware.
- Vendor/Supplier shall provide a 3yrs warranty on all network equipment, parts, licenses, cables, and labor starting from the date of project completion and acceptance.
- The Vendor/Supplier must have proof that the solution being offered is classified as a leader or visionary, or at least challenger from the latest Gartner Magic Quadrant Report, or equivalent from any known third-party Technology Research and Advisory Firms (e.g. Forrester, NSS Labs, etc.).

Conforme:

Bidder's Company Name

Name & Signature of Authorized Representative

Designation

Date

EMENTAL BID BULLETIN NO. 2
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND
LANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES
0,000.00 inclusive of all applicable taxes)

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REVISED FORM 9 (page 2 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

Bidder's
Statement of
Compliance
Bidders must
state here
either
"Comply" or
"Not Comply"

Technical Specifications: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

- The Vendor/Supplier is required to certify that the solution device provided will remain available for sale and supported for at least five years from the date of project completion and acceptance.

E.1	Internet Link Load Balancer	2 Units
Hardware Specifications		
The system must have the following performance and capacity:		
E.1.A	1U/2U Rack Mounted Appliance	
E.1.B	Must be able to interface with a 1G/10G copper and/or fiber switch to support one arm setup with backward compatibility up to 1G.	
E.1.C	Must have a separate interface for management.	
E.1.D	Must have dual redundant power supplies	
E.1.E	Must have redundant fan modules for front-to-back airflow, redundant fans	
E.1.F	Provides a minimum of 32GB memory and 120GB SSD storage or equivalent, capable of a retention period to 12 months.	
E.1.G	Provides a minimum quadcore CPU or equivalent	
E.1.H	For fiber interface, must come with required 1G copper SFP transceiver	
E.1.I	Comes with a C13-C14 power cord, not more than 1.5 meters	
E.1.J	Cables and cabling accessories (e.g. patch cord, cable manager, transceiver, etc.) required to operate the solution	
E.1.K	Must operate between temperature range of 0°C to 40°C	
Performance and Capacity		
E.1.L	Supports a minimum 20Gbps total throughput	
E.1.M	Must be able to support a minimum 350,000 concurrent connections	
E.1.N	Must be able to support a minimum 500,000 new connections per second	
E.1.O	Must be able to support a minimum of six (6) ISPs	
E.1.P	Capable to distribute incoming VPN traffic across multiple backend VPN devices	
Functional and Networking Requirements		
E.1.Q	Intelligent load balancing across multiple ISPs	
E.1.R	Capable of Application Delivery Controller (ADC) or equivalent for optimization and acceleration of application traffic across networks	
E.1.S	Must be able to support failover & high availability (HA) setup	
E.1.T	HA and redundancy feature must support active-active and active-backup configurations for flexibility of failover setup	
E.1.U	Must support session mirroring enabling exchange of information between the active and backup devices to ensure stateful failover	
E.1.V	Must support seamless failover between units in HA	
E.1.W	Must support Link Aggregation (802.1AX), LACP	
E.1.X	Must support Access Control Lists (ACLs)	
E.1.Y	Must have QoS & bandwidth management to prioritize critical applications	
E.1.Z	Must support NAT configurations	
E.1.AA	Capable to support Traditional IPv4 NAT/NAPT and IPv6 NAPT	
E.1.AB	Supports following routing capabilities but not limited to: BGP, OSPF and static routing	
E.1.AC	Must have WAN link health monitoring for proactive health check and failover	
E.1.AD	Supports packet capture for identifying/locating issues effectively.	

Conforme:

Bidder's Company Name

Name & Signature of Authorized Representative

Designation

Date

MENTAL BID BULLETIN NO. 2
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND
LANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES
(P0,000.00 inclusive of all applicable taxes)

REVISED FORM 9 (page 3 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

Bidder's
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Technical Specifications: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

E.1.AE	Must support ICMP (Ping), TCP, HTTP, HTTPS, UDP, SNMPv3, SMNPv2, SNMPv1 and DNS based monitors
E.1.AF	Must inter-operate with existing WAN and security solutions – Anti DDOS, Firewall, DNS, SIEM, SD-WAN facility, WAF, API Security upon implementation
E.1.AG	Must support white and/or blacklisting or ACL for traffic redirection
E.1.AH	Must have a Management Dashboard capable of multiple user log-ons using different access roles (read-and-write, read only, etc.)
E.1.AI	Capable to support on-premises/cloud/hybrid management
E.1.AJ	Must include firmware updates and patch management
	Must have a customizable alerting and reporting
E.1.AK	Must be a dedicated load balancing device, designed for internet service providers, small and medium-sized data centers, and campus networks, capable of Global Server Load Balancing for multi-site deployments
E.1.AL	Must be capable of distributing outbound traffic across multiple ISP or WAN links using LLB policies
E.1.AM	Must have Flexible link policy rules that can be created using source/destination IP, service types, and time schedules, offering fine-grained control of how traffic is routed across ISP links.
E.1.AN	System shall have basic ADC analytics (or equivalent) capabilities to allow: Basic troubleshooting Application performance and health monitoring System performance and health monitoring Traffic trend analytics Capacity planning
E.1.AO	License(s) with full functionality
Certifications:	
E.1.AP	Vendor to provide relevant Safety Certifications and Electromagnetic Compatibility Certifications met by the proposed solution – any of the following: FCC, OSHA, CSA, RSM, VCCI, CE, IEC
E.1.AQ	The proposed machine must be certified for the Reduction of Hazardous Substance (RoHS).

F. DELIVERY, INSTALLATION, MAINTENANCE AND SUPPORT SERVICES

F.1. Delivery Requirements and Scope of the Installation and Commissioning

F.1.a. The following are the deliverables upon receipt of the Notice to Proceed (NTP) with the corresponding maximum delivery or completion period:

Project Milestones/Deliverables	Delivery Period Upon Receipt of the NTP (Calendar Days)	Max. Delivery Period Upon Receipt of the NTP (Calendar Days)
1. Delivery of network active devices, components and peripherals	Up to 45 days from NTP	Up to 45 days
2. Hardware and Software Acceptance Test	Up to 5 days upon delivery of network active devices, components and peripherals	Up to 50 days

Conforme:

Bidder's Company Name

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LEMENTAL BID BULLETIN NO. 2
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND
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\$00,000.00 inclusive of all applicable taxes)

REVISED FORM 9 (page 4 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

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Technical Specifications: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND MAINTENANCE OF INTERNAL LINE LIAS BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

3. Installation and Commissioning	Up to 15 days upon hardware and software acceptance test	Up to 65 days
4. Conduct of training as specified in item F.3 of this document	Up to 10 days upon installation and commissioning	Up to 75 days
5. User issuance of Final Acceptance Certificate	Up to 5 days upon conduct of training	Up to 80 days

Note: Total of 80 calendar days for the whole project after receipt of NTP.

- F.1.b.** All the network active devices specified in item E.1 shall be delivered directly to DBP Head Office, Makati Avenue Cor. Sen. Gil Puyat Avenue, Makati City, Philippines.
- F.1.c.** The installation and commissioning shall be managed, assisted, and overseen by at least one (1) PMP/CAPM Certified Project Manager and two (2) Product/Solution Certified Specialist for the product/solution being offered or equivalent until Project Completion and Acceptance.

F.2. Warranty, Maintenance and Support Services

- F.2.a.** The winning vendor/supplier shall provide a three (3) years warranty on all network equipment, parts, licenses of the ILLB solution, connector cables, and labor starting from the date of Project Completion and Acceptance. All software-related patches and upgrades (minor and major) shall form part of the 3-year warranty.
- F.2.b.** The warranty shall be covered by a retention or a special bank guarantee equivalent to five percent (5%) of the contract price.
- F.2.c.** The 3-year warranty period shall commence upon the issuance of Final Acceptance and receipt of the Warranty Certificate. The Warranty Certificate shall be issued within 3-5 days upon receipt of the Final Acceptance.
- F.2.d.** The vendor/supplier shall perform a regular quarterly health check on-site visit and carry out preventive maintenance with corresponding maintenance report.
- F.2.e.** In the duration of the 3-year warranty period, the following maintenance and support services are required with no additional cost:
- F.2.e.i.** 24x7 onsite, telephone and email support
 - F.2.e.ii.** Response time of within thirty (30) minutes
 - F.2.e.iii.** Resolution time within four (4) hours
 - F.2.e.iv.** For extended downtime (more than 4 hours), service unit/s shall be provided within twenty-four (24) hours and with the same or higher configuration & specification as that of the supplied defective unit.
 - F.2.e.v.** For persistent/repeated hardware problems that occur three (3) times, the supplier shall provide a brand-new unit with equal or higher configuration & specification.
 - F.2.e.vi.** Must provide onsite support during Business Continuity Plan (BCP)/Disaster Recovery (DR) Activity
 - F.2.e.vii.** The supplier is also required to provide an after-sales support service document that includes the Service Level Agreement and Technical Support Procedures.

Conforme:

Bidder's Company Name

Name & Signature of Authorized Representative

Designation

Date

SUPPLEMENTAL BID BULLETIN NO. 2
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND
BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES
1,800,000.00 inclusive of all applicable taxes)

REVISED FORM 9 (page 5 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

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Technical Specifications, SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

- F.2.f.** Upon determination that the defective unit/s is/are unrepairable, through receipt of notification/advice from the manufacturer, a permanent replacement unit/s (new unit with certification from the brand manufacturer) must be provided within fifteen (15) calendar days.
- F.2.g.** The permanent replacement unit/s must be with the same configuration and specification as that of the supplied defective unit/s.
- F.2.h.** An Incident Report (IR) must be submitted within twenty-four (24) hours. Root-Cause Analysis (RCA) report containing the steps undertaken to resolve the problem/issue to be provided within forty-eight (48) hours from the time IR was submitted. (add SLA base on severity and criticality of incident)
- F.2.h.i.** A daily status report shall be provided that includes but is not limited to the following:
1. The most recent and/or ongoing activity
 2. The estimated time of resolution (ETR)
 3. Responsible personnel and contact details
- F.2.i.** The installation and commissioning shall be managed, assisted, and overseen by at least one (1) PMP/CAPM Certified Project Manager and two (2) product/solution Certified or equivalent until Project Completion and Acceptance
- F.2.j.** DBP must be informed in case the assigned technical support personnel and project manager need to be replaced/substituted and the Notice to Proceed (NTP) has already been issued. The substitute/s must have the same or better credentials in terms of years of experience, training hours and/or network product/solution certifications obtained.
- F.2.k.** The Vendor/Supplier shall provide a hardcopy and softcopy of the product manual.
- F.2.l.** The following shall be submitted for the inspection and testing procedures:
- F.2.l.i.** Overview of Major Deliverables and Timeline
- F.2.l.ii.** Activities for project tracking and oversight
- F.2.l.iii.** Implementation Strategy document describing how the project will be brought to full operational status
- F.2.l.iii.** Quality Assurance activities (to be performed by TWG)
1. Checking all peripherals are complete
 2. Physical testing
 3. Software functionality testing
 4. To include No. 3 of F.1.a
- F.2.l.iv.** Operation Manual and/or Systems Administrations Manual

F.3. Training

- F.3.a.** Technical knowledge transfer training shall be conducted for at least two (2) days for two (2) batches of participants, each batch consisting of up to ten (10) DBP personnel to equip them with necessary skills particularly in network/system administration.
- F.3.b.** The training must be conducted within seventy-five (75) days upon the issuance of the Notice to Proceed (NTP).
- F.3.c.** The training must include but not be limited to the following topics:
- i. Internet Link Load Balancer Concepts, Design & Architecture, Configuration, Testing, Best practices, Operation and Maintenance.
 - ii. Setting up & Configuration, Testing, Operation and Maintenance of the proposed solution
- F.3.d.** Product certification training shall be provided within three (3) months upon the issuance of the NTP and certification exam with no additional cost within

Conforme:

Bidder's Company Name

Name & Signature of Authorized Representative

Designation

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SUPPLEMENTAL BID BULLETIN NO. 2

25-25: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND

OAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES

(ABC: PhP 14,800,000.00 inclusive of all applicable taxes)

page 17 of 28

REVISED FORM 9 (page 6 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

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Technical Specifications: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES (DBP)

- one (1) year for at least two (2) participants who will perform the network system administration and operations.
- F.3.e. Technical training for major enhancements or version upgrades shall be conducted when requested by DBP, free of charge.
- F.3.f. Training materials, such as manuals and lecture presentations, should be provided to all participants.

G. PAYMENT

- G.1. The winning Vendor/Supplier must open an account with DBP for payment purposes (upon the issuance of the Notice of Award (NOA), as applicable)
- G.2. The schedule of payment shall be as follows:

Completed Activity/Task	Percent (%) of the Total Contract Value
1. Delivery of all the network active devices, components, and cabling requirements	30%
2. Hardware and software acceptance testing	
3. Installation and Commissioning	40%
4. Training specified in item F.3 and documentation	30%
5. Final Acceptance Certificate	
Total	100 %

- G.3. For the Final Payment, the vendor must submit a Tax Clearance Certificate for Final Settlement of Government Contracts (TCFG) under BIR Revenue Memorandum Order No. 002-2025 dated December 2, 2024

H. DOCUMENTS REQUIRED FOR BID OPENING

- H.1. Manufacturer's certificate that the bidder vendor/supplier is an authorized seller/reseller of the product/solution being proposed/offered for the past five years.
- H.2. Delivery Receipt or Certificate of Completion from a client that the Vendor/Supplier has an install-base of at least one (1) Internet Link Load Balancer in any of the following local industries:
- H.2.a. Banking/Financial
 - H.2.b. Telecommunications
 - H.2.c. Government Agency/Institution
 - H.2.d. Manufacturing
 - H.2.e. Broadcasting
- H.3. Credentials/certifications of the bidder's personnel to be assigned to the project as follows:
- H.3.a. Certificate/Proof naming/identifying at least two (2) solution technical support personnel to be assigned to this project if awarded the contract (Refer to F.2.i). Each personnel should have the following supporting documents:
 - H.3.a.a. Certificate of Employment
 - H.3.a.b. Curriculum Vitae showing that the technical support personnel have experience with the solution being offered
 - H.3.a.c. Certification issued by the manufacturer of the product/solution being offered with validation reference (certificate number or equivalent)

Conforme:

Bidder's Company Name

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REVISED FORM 9 (page 7 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

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- H.3.b. Certificate/Proof naming/identifying the project manager to be assigned to the project (Refer to F.2.i).
- H.3.b.a. Bidder should submit either Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities or a PMP/CAPM certification issued by the Project Management Institute (PMI).
- H.4. The Vendor/Supplier must have completed a single contract for a similar Internet Link Load Balancer solution in the last 10 years with an equivalent to at least fifty percent (50%) of the ABC of this project. A similar contract shall include (at least delivery, installation and maintenance) Link Load balancer/Application Delivery Controllers/ISP Link Load Balancer/Load Balancer.
- H.5. Notarized Confidentiality and Non-Disclosure Agreement signed by the Vendor/Supplier bidder's authorized representative.
- H.6. Fully accomplished Technical Specification Compliance Checklist (form attached as Annex A')
- H.7. Certificates/Certifications issued by an International Standards Body. Product should have the following minimum certifications:
1. Safety Certifications and Electromagnetic Compatibility Certifications mentioned in section E.1.AP
 2. Reduction of Hazardous Substance (RoHS)
- H.8. Product brochure or technical data sheet of the proposed brand/solution
- H.9. Submission of bid document to include amount for each component:

Particulars	Units/Quantity	Amount
Load Balancer		
Cables and Ancillaries		
Maintenance (3 Years)		
Training		
Labor/Project Management/Installation		
TOTAL		

I. TO BE SUBMITTED BY THE WINNING VENDOR/SUPPLIER TEN (10) CALENDAR DAYS UPON RECEIPT OF THE NOTICE OF AWARD

I.1. Performance Security in any of the following forms and percentages:

Form of Performance Security	Minimum % of Contract Price
Cash, cashier's/manager's check issued by a Universal or Commercial Bank	Five percent (5%)
Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank; provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a Foreign Bank	
Surety Bond callable upon demand issued by a surety or insurance company together with certificate issued by Insurance Commission certifying the surety or insurance company is authorized to issue such surety bond	Thirty percent (30%)

The Performance Security shall remain valid and effective until issuance by the Procuring Entity of the Final Certificate of Acceptance. A retention money or special bank guarantee

Conforme:

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Designation

Date

SUPPLEMENTAL BID BULLETIN NO. 2

25: SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND LOAD BALANCER (ILLB) FOR THE DEVELOPMENT BANK OF THE PHILIPPINES

(ABC: P11) 14,800,000.00 inclusive of all applicable taxes)

REVISED FORM 9 (page 8 of 8)

TECHNICAL SPECIFICATIONS/REQUIREMENT

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equivalent to five percent (5%) of the Total Contract Price shall be submitted by the Supplier within five (5) days after issuance of Notice to Proceed to cover the three (3) years warranty and maintenance on the Project and support services.

J. LIQUIDATED DAMAGES

When the supplier fails to satisfactorily deliver goods under the contract within the specified delivery schedule identified in item F.1.a, inclusive of duly granted time extensions, if any, the supplier shall be liable for damages for the delay and shall pay the procuring entity specified in item G.2 respectively as liquidated damages, not by way of penalty, an amount equal to one-tenth (1/10) of one percent (1%) of the cost of the delayed goods scheduled for delivery for every day of delay until such goods are finally delivered and accepted by the procuring entity concerned. The procuring entity need not prove that it has incurred actual damages to be entitled to liquidated damages.

Such an 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, 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, the procuring entity concerned may rescind the contract and impose appropriate sanctions over and above the liquidated damages to be paid.

K. OGCC REVIEW

The Parties agree to supplement/amend/restate the Agreement including all its amendments/supplements to incorporate the comments/revisions, if any, of the Office of the Government Corporate Counsel with effect from the date of signing thereof.

Conforme:

Bidder's Company Name

Name & Signature of Authorized Representative

Designation

Date

REVISED ANNEX A (page 1 of 2)

TECHNICAL REQUIREMENTS/SPECIFICATIONS COMPLIANCE CHECKLIST

E.1	Internet Link Load Balancer	2 Units	Status of Compliance (Comply/Not Comply)	Reference Document/s
Hardware Specifications				
The system must have the following performance and capacity:				
E.1.A	1U/2U Rack Mounted Appliance			
E.1.B	Must be able to interface with a 1G/10G copper and/or fiber switch to support one arm setup with backward compatibility up to 1G.			
E.1.C	Must have a separate interface for management.			
E.1.D	Must have dual redundant power supplies			
E.1.E	Must have redundant fan modules for front-to-back airflow, redundant fans			
E.1.F	Provides a minimum of 32GB memory and 120GB SSD storage or equivalent, capable of a retention period to 12 months.			
E.1.G	Provides a minimum quadcore CPU or equivalent			
E.1.H	For fiber interface, must come with required 1G copper SFP transceiver			
E.1.I	Comes with a C13-C14 power cord, not more than 1.5 meters			
E.1.J	Cables and cabling accessories (e.g. patch cord, cable manager, transceiver, etc.) required to operate the solution			
E.1.K	Must operate between temperature range of 0°C to 40°C			
Performance and Capacity				
E.1.L	Supports a minimum 20Gbps total throughput			
E.1.M	Must be able to support a minimum 350,000 concurrent connections			
E.1.N	Must be able to support a minimum 500,000 new connections per second			
E.1.O	Must be able to support a minimum of six (6) ISPs			
E.1.P	Capable to distribute incoming VPN traffic across multiple backend VPN devices			
Functional and Networking Requirements				
E.1.Q	Intelligent load balancing across multiple ISPs			
E.1.R	Capable of Application Delivery Controller (ADC) or equivalent for optimization and acceleration of application traffic across networks			
E.1.S	Must be able to support failover & high availability (HA) setup			
E.1.T	HA and redundancy feature must support active-active and active-backup configurations for flexibility of failover setup			
E.1.U	Must support session mirroring enabling exchange of information between the active and backup devices to ensure stateful failover			
E.1.V	Must support seamless failover between units in HA			
E.1.W	Must support Link Aggregation (802.1AX), LACP			
E.1.X	Must support Access Control Lists (ACLs)			
E.1.Y	Must have QoS & bandwidth management to prioritize critical applications			

Conforme:

Bidder's Company Name

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REVISED ANNEX A (page 2 of 2)

E.1.Z	Must support NAT configurations		
E.1.AA	Capable to support Traditional IPv4 NAT/NAPT and IPv6 NAPT		
E.1.AB	Supports following routing capabilities but not limited to: BGP, OSPF and static routing		
E.1.AC	Must have WAN link health monitoring for proactive health check and failover		
E.1.AD	Supports packet capture for identifying/locating issues effectively.		
E.1.AE	Must support ICMP (Ping), TCP, HTTP, HTTPS, UDP, SNMPv3, SMNPv2, SNMPv1 and DNS based monitors		
E.1.AF	Must inter-operate with existing WAN and security solutions – Anti DDOS, Firewall, DNS, SIEM, SD-WAN facility, WAF, API Security upon implementation		
E.1.AG	Must support white and/or blacklisting or ACL for traffic redirection		
E.1.AH	Must have a Management Dashboard capable of multiple user log-ons using different access roles (read-and-write, read only, etc.)		
E.1.AI	Capable to support on-premises/cloud/hybrid management		
E.1.AJ	Must include firmware updates and patch management		
	Must have a customizable alerting and reporting		
E.1.AK	Must be a dedicated load balancing device, designed for internet service providers, small and medium-sized data centers, and campus networks, capable of Global Server Load Balancing for multi-site deployments		
E.1.AL	Must be capable of distributing outbound traffic across multiple ISP or WAN links using LLB policies		
E.1.AM	Must have Flexible link policy rules that can be created using source/destination IP, service types, and time schedules, offering fine-grained control of how traffic is routed across ISP links.		
E.1.AN	System shall have basic ADC analytics (or equivalent) capabilities to allow: Basic troubleshooting Application performance and health monitoring System performance and health monitoring Traffic trend analytics Capacity planning		
E.1.AO	License(s) with full functionality		
Certifications:			
E.1.AP	Vendor to provide all the relevant Safety Certifications and Electromagnetic Compatibility Certifications met by the proposed solution – any of the following; FCC, OSHA, CSA, RSM, VCCI, CE, IEC, etc.		
E.1.AQ	The proposed machine must be certified for the Reduction of Hazardous Substance (RoHS).		

Conforme: Bidder's Company Name Name & Signature of Authorized Representative Designation Date

**SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, AND
MAINTENANCE OF INTERNET LINK LOAD BALANCER (ILLB) FOR THE
DEVELOPMENT BANK OF THE PHILIPPINES
Bid Reference No. G-2025-25**

TRANSMITTAL FORM

REVISED CHECKLIST OF REQUIREMENTS FOR BIDDERS

Note: Please fill-out this form and submit directly to the BAC Secretariat outside of the sealed envelopes.

FOR MACHINE STAMP (OFFICIAL TIME) BY THE DBP BAC SECRETARIAT

Received:

Name of Bidder: _____

Complete Address: _____

Submitted by: _____

Landline: _____ Email: _____

Item	FIRST ENVELOPE: ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)
	LEGAL ELIGIBILITY DOCUMENTS
TAB 1	If the bidder is a joint venture (JV): a. If bidding as a formed JV: Submit the existing valid, duly accomplished, signed and notarized JV Agreement (JVA). The JVA must specifically indicate among others, the following: the partner company that will represent the JV, the shareholdings of each partner company in the JV (to determine which partner company and its nationality has the controlling majority share), and the share of each partner company in the JV. Moreover, please likewise note: 1) <u>If the JV is incorporated or registered with the relevant government agency</u>, all documents listed in this checklist must be under the JV's name and shall submit the PhilGEPS Certificate of Registration under Platinum Category also under the JV's name. 2) <u>If the JV is unincorporated</u>, the PhilGEPS Certificate of Registration under Platinum Membership shall be submitted by each of the JV partners, while submission of the technical and financial eligibility documents (Tab 4 onwards) by any one of the JV partners constitutes collective compliance. b. If bidding as a JV that is yet to be formed: Submit duly notarized Agreement to Enter into Joint Venture (Template per FORM 1). Please likewise note: PhilGEPS Certificate of Registration under Platinum Membership shall be submitted by each of the JV partners, while submission of the technical and financial documents (Tab 4 onwards) by any one of the JV partners constitutes collective compliance.

Item	FIRST ENVELOPE: ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)
	Please refer to FORM 1-A and FORM 1-B for the sample Secretary's Certificate for each of the JV Partners. <u>Each JV partner must submit its duly notarized Special Power of Attorney or Secretary's Certificate, whichever is applicable, indicating therein the following:</u> <i>The designated/authorized representative who will sign the Joint Venture Agreement (JVA) or the Protocol to Enter into a JVA;</i> <i>That they are duly authorized to participate in the bidding as a JV;</i> <i>The authorized Lead Company to represent the JV;</i> <i>The person designated as the duly authorized representative of the corporation to the JV, sign the bid proposals/bidding documents, and sign the ensuing contract with DBP.</i> In case a JV partner is a sole proprietorship and the principal/proprietor opts to designate a representative, FORM 2-A shall be customized to include provisions such as the authority to sign the Protocol/Undertaking to enter a JVA.
TAB 2	Proof of appointment/authority of bidder's representative: Duly notarized Special Power of Attorney (if the bidder is a sole proprietorship and opts to designate a representative) - Template per FORM 2-A OR Duly notarized Secretary's Certificate (if the bidder is a corporation, partnership, cooperative, or joint venture) - Template per FORM 2-B In case there are more than one appointed/designated representatives, bidders must tick ONE of the checkboxes provided in the form to identify if acting ANY ONE OF THE SIGNATORIES, ALL OF THE SIGNATORIES, or ANY (NUMBER) OF THE SIGNATORIES. <u>FAILURE TO TICK A CHECKBOX SHALL MEAN THAT ALL AUTHORIZED REPRESENTATIVES ARE SIGNING THE BIDDING FORMS.</u>
TAB 3	Valid and current Certificate of PhilGEPS Registration (Platinum Membership), in three (3) pages, including Annex "A" or the List of Class "A" Eligibility Documents required to be uploaded and maintained current and updated in PhilGEPS in accordance with section 8.5.2. of the IRR of RA 9184. <u>Only the current/updated Certificate of PhilGEPS Registration (Platinum Membership) shall be accepted during the opening of bids. Expired Certificate or any of the eligibility documents listed in Annex "A" shall be a ground for failure of the bidder.</u>
<i>The following are the related provisions/requirements based on GPPB Resolution 15-2021 dated 14 October 2021 regarding submission of valid/current PhilGEPS Certificate of Registration (Platinum Membership):</i> <i>LIFT the suspension on the implementation of mandatory submission of the PhilGEPS Certificate of Registration (Platinum Membership) in Competitive Bidding and Limited Source Bidding, thus, fully enforcing Sections 8.5.2 and 54.6 of the 2016 revised IRR of RA No. 9184 starting 01 January 2022;</i>	

Item	FIRST ENVELOPE: ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)
	- AMEND Sections 23.1(a)(ii) and 24.1(a)(ii) of the 2016 revised IRR of RA No. 9184 to reflect that the <u>submission of the recently expired Mayor's Permit together with the official receipt as proof that the prospective bidder has applied for renewal within the period prescribed by the concerned local government unit shall be accepted by the PhilGEPS for the purpose of updating the PhilGEPS Certificate of Registration (Platinum Membership) in accordance with Section 8.5.2 of the 2016 revised IRR of RA 9184.</u>
TECHNICAL ELIGIBILITY DOCUMENTS	
TAB 4	Statement by the bidder of ALL its <u>ongoing</u> government and/or private contracts (including those awarded but not yet started, if any), whether similar or not similar in nature and complexity to the contract to be bid (include all contracts with the DBP for the said period, if any) (Template per FORM 3), duly signed by the bidder's authorized representative. Note: For bidders who have no ongoing government and/or private contracts, kindly indicate in their statement "NONE" to comply with the requirement. Bidders will be rated "failed" if no document is submitted or if the document submitted is incomplete or patently insufficient (<i>per GPPB NPM 094-2013 dtd. 2013-12-19</i>). <i>Copies of the NOA, contract, NTP, or equivalent document for each ongoing contract listed in the statement shall be required to be <u>submitted as part of post-qualification of the bidder declared as the Lowest or Single Calculated Bid.</u></i>
TAB 5	Revised Statement of single largest completed contract of similar nature (government or private contract) within the last ten (10) years equivalent to at least fifty percent (50%) of the ABC (Template per REVISED FORM 4, attached in the Supplemental Bid Bulletin No. 2 dated 6 October 2025), duly signed by the bidder's authorized representative. Similar contract refers to (at least delivery, installation and maintenance) Link Load Balancer/Application Delivery Controllers/ISP Link Load Balancer/Load Balancer. The identified single largest completed contract must be supported by the following: a) <u>Notice of Award (NOA)</u>, OR <u>Notice to Proceed (NTP)</u>, OR <u>Contract</u>, OR <u>Purchase Order (PO)</u> AND b) <u>Either one</u> of the following documents: • Copy of <u>Certificate of Completion</u> or <u>Certificate of Acceptance</u> or <u>Certificate of Satisfactory Performance</u> issued by the bidder's client or copy of <u>Official Receipt/s</u> or <u>Sales Invoice/s</u> issued by the bidder to the client (ORs/SIs must sum up to the full amount of total contract price of completed project).
FINANCIAL ELIGIBILITY DOCUMENTS	
TAB 6	Completely accomplished computation of Net Financial Contracting Capacity (NFCC) which must be at least equal to the ABC (Template per FORM 5), duly signed by the bidder's authorized representative. 1) The values of the bidder's current assets and current liabilities shall be based on

Item	FIRST ENVELOPE: ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)								
	the AFS for CY 2024. 2) The value of the NFCC must at least be equal to the ABC of this project. <u>In case of Joint Venture, the partner responsible to submit the NFCC shall likewise submit the Statement of All its Ongoing Contracts and the latest Audited Financial Statements.</u> If the prospective bidder opts to submit a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid. If issued by a foreign universal or commercial bank, it shall be confirmed or authenticated by a local universal or commercial bank.								
TECHNICAL COMPONENT									
TAB 7	Original Bid Security issued in favor of the Development Bank of the Philippines (must be valid for at least 120 calendar days from the date of bid opening); <u>either one of the following is acceptable:</u> a. Cashier's/manager's check issued by a Universal or Commercial Bank (at least 2% of the ABC). b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank (at least 2% of the ABC). c. Surety bond, callable upon demand, issued by a surety or insurance company (at least 5% of the ABC) and <u>a copy of certificate issued by the Insurance Commission certifying that the surety or insurance company is authorized to issue a surety bond.</u> d. <u>Duly notarized</u> Bid Securing Declaration (<i>Template per FORM 6</i>) duly signed by the bidder's authorized representative. <table><tr><th>Approved Budget for the Contract (ABC)</th><th>Cashier's/manager's check, Bank draft/guarantee or irrevocable letter of credit (2% of ABC)</th><th>Surety Bond (5% of ABC)</th><th>Bid Securing Declaration</th></tr><tr><td>14,800,000.00</td><td>296,000.00</td><td>740,000.00</td><td>No required percentage</td></tr></table> The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the bidder shall enter into contract with the Procuring Entity and furnish the performance security required under ITB Clause 31, within ten (10) calendar days from receipt of the Notice of Award, and commits to pay the corresponding amount as fine, and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as provided in the guidelines issued by the GPPB.	Approved Budget for the Contract (ABC)	Cashier's/manager's check, Bank draft/guarantee or irrevocable letter of credit (2% of ABC)	Surety Bond (5% of ABC)	Bid Securing Declaration	14,800,000.00	296,000.00	740,000.00	No required percentage
Approved Budget for the Contract (ABC)	Cashier's/manager's check, Bank draft/guarantee or irrevocable letter of credit (2% of ABC)	Surety Bond (5% of ABC)	Bid Securing Declaration						
14,800,000.00	296,000.00	740,000.00	No required percentage						
TAB 8	Accomplished Omnibus Sworn Statement (with ten [10] statements) (<i>Template per FORM 7</i>), duly signed by the bidder's authorized representative and notarized.								
TAB 9	Accomplished Data Privacy Consent Form <i>per FORM 8</i> , duly signed by the bidder's authorized representative.								

Item	FIRST ENVELOPE: ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)
TAB 10	Accomplished/conformed <i>Revised Technical Specifications</i> per <i>REVISED FORM 9 (attached in the Supplemental Bid Bulletin No. 2 dated 6 October 2025)</i> , duly signed by the bidder's authorized representative. <u>Bidders must state either "Comply" or "Not Comply" on each page of the Technical Specifications/Terms of Reference AND sign on each page as conformance.</u>
TAB 11	Certificate issued by the manufacturer stating that the vendor/bidder is an authorized seller or reseller of the product/solution being offered for the past five years.
TAB 12	Certificates/Certifications issued by an International Standards Body. Product should have the following minimum certifications: 1. Safety Certifications and Electromagnetic Compatibility Certifications mentioned in section E.1.AP 2. Reduction of Hazardous Substance (RoHS).
TAB 13	Delivery Receipt or Certificate of Completion from a client that the vendor/supplier/bidder has an install-base of at least one (1) Internet Link Load Balancer in any of the following local industries: • Banking/Financial • Telecommunications • Government Agency/Institution • Manufacturing • Broadcasting
TAB 14	Credentials/certifications of the bidder's personnel to be assigned to the project as follows: 1. Certificate/Proof naming/identifying Solution Technical Support Personnel (at least two personnel) to be assigned to this project if awarded the contract (Refer to F.2.i of Form 9). Each personnel should have the following supporting documents: • Certificate of Employment • Curriculum Vitae showing that the technical support personnel have experience with the solution being offered • Certification issued by the manufacturer of the product/solution being offered with validation reference (certificate number or equivalent) 2. Certificate/Proof naming/identifying the Project Manager to be assigned to the project (Refer to F.2.i of Form 9). • Curriculum Vitae showing that the project manager to be assigned to the project has significant project management capabilities <u>or</u> a PMP/CAPM certification issued by the Project Management Institute (PMI).
TAB 15	Notarized Confidentiality and Non-Disclosure Agreement signed by the bidder's authorized representative (Template per <i>FORM 10</i>).
TAB 16	Accomplished <i>Revised Technical Specifications Compliance Checklist</i> per <i>REVISED ANNEX A of FORM 9 (attached in the Supplemental Bid Bulletin No. 2 dated 6 October 2025)</i> , duly signed by the bidder's authorized representative.

Item	FIRST ENVELOPE: ELIGIBILITY DOCUMENTS AND TECHNICAL REQUIREMENTS (DULY SEALED AND MARKED)
TAB 17	Product brochure or technical data sheet of the proposed brand/solution.

Item	SECOND ENVELOPE: FINANCIAL PROPOSAL (DULY SEALED AND MARKED)
TAB 1	Duly accomplished Financial Proposal Form (<i>Template per FORM 11</i>), duly signed by the bidder's authorized representative. Note: Bid shall not exceed the ABC of PhP 14,800,000.00 inclusive of taxes.
TAB 2	Detailed Financial Proposal/Price Schedule duly signed by the bidder's authorized representative. Bidders shall use either FORM 12-A or FORM 12-B as template. The Detailed Financial Bid must include the cost for the following components: - Load Balancer - Cables and Ancillaries - Maintenance for three (3) years - Training - Labor/Project Management/ Installation The total detailed bid must not exceed the ABC and must be consistent with the financial bid per TAB 1.