



Republic of the Philippines
Department of Finance
INSURANCE COMMISSION
1071 United Nations Avenue
Manila



BIDS AND AWARDS COMMITTEE
SUPPLEMENTAL BID BULLETIN NO. 2

**Supply, Delivery, Installation, Configuration, Set-up, Commissioning, and Testing of
Hyperconverged Infrastructure Solution and Next Generation Firewall for the
Insurance Commission
(Project Reference No. 2022-10-253)**

This Supplemental Bid Bulletin No. 2, dated 17 November 2022, is being issued to clarify, modify, or amend items in the Bidding Document.

The following items in the Bidding Document for the **Supply, Delivery, Installation, Configuration, Set-up, Commissioning, and Testing of Hyperconverged Infrastructure Solution and Next Generation Firewall for the Insurance Commission** dated 26 October 2022 are hereby revised/amended/clarified:

1. Amendment of **Section I (Invitation to Bid) Paragraph 7 and Paragraph 9** are hereby amended as follows:

FROM:

7. Bids must be duly received by the BAC Secretariat manual submission at the office address indicated below on or before **21 November 2022, 12:00 PM.** Late bids shall not be accepted.

9. Bid opening shall be on **21 November 2022, 1:30 P.M.** at IC Administrative Division Conference Room, Insurance Commission, 1071 United Nations Avenue, Ermita, Manila, and online simultaneously via WebEx video conferencing facility (Cisco WebEx Meetings) in accordance with Section 29 of the revised IRR of RA No. 9184. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

TO:

7. Bids must be duly received by the BAC Secretariat manual submission at the office address indicated below on or before **24 November 2022, 12:00 PM.** Late bids shall not be accepted.

9. Bid opening shall be on **24 November 2022, 1:30 P.M.** at IC Administrative Division Conference Room, Insurance Commission, 1071 United Nations Avenue, Ermita, Manila, and online simultaneously via WebEx video conferencing facility (Cisco WebEx Meetings) in accordance with Section 29 of the revised IRR of RA No. 9184. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

2. Amendment of **Section II (Instructions to Bidders) Item 14. Bid Security** is hereby amended as follows:

FROM:

14.2. The Bid and bid security shall be valid until **21 March 2023**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

TO:

14.2. The Bid and bid security shall be valid until **24 March 2023**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

3. Clarification of the items under **Section VII (Technical Specifications)** are hereby clarified as follows:

ITEM	DESCRIPTION
1.2.2	HCI Storage: The solution shall provide a data caching tier that supports SSD or NVMe. HCI system should be capable of supporting multiple Cache Drives for high availability and enhanced performance within the same HCI Node.
1.6.5	HCI Nodes Specification: Each node should have at least 10x 4TB 7.2K RPM NLSAS Capacity Drives and 2x 1.6TB SSD SAS Cache Drive.

Clarification: The Insurance Commission (IC) emphasized multiple cache drives to intensify and utilize redundancy, flexibility, and performance. The IC acknowledges the capability of redundancy within the cluster; however, HA within the HCI node is also critical. In addition, single disk groups may still result to host failure.

ITEM	DESCRIPTION
1.6.4	HCI Nodes Specification: Each HCI Node should be configured with 4 x 10 Gbps Base-T Copper RJ45 NIC Card

Clarification: We can consider SFP FC ports if top-of-rack switches will also utilize these SFP FC ports in connecting HCI nodes. In addition, we can also consider deploying transceiver modules to comply with the Base-T requirements.

ITEM	DESCRIPTION
2.1.3	Top of Rack Switches: Intelligent Switch that supports maximum 28-Port 10Gbe Base-T Copper and 2-Ports QSFP28

Clarification: The IC includes the QSFP port requirement for future upgrades and utilization of its network infrastructure.

ITEM	DESCRIPTION
2.2.1	Top of Rack Switches: Multi-functional 1/10 GbE Base-T switching in High-Performance Computing Clusters.

Clarification: The number of device connections will depend on the number of links and their corresponding bandwidth from the switches to (1) IC existing core switch and (2) proposed HCI nodes.

ITEM	DESCRIPTION
3.1.4	Next-Generation Firewall (NGFW): The NGFW shall have at least Twelve (12) 1G/2.5G/5G/10G interfaces.

Clarification: The IC requires links up to 10GE. The purpose is to prepare for future upgrades and network infrastructure utilization. The number of 1GE up to 10GE links will depend on the existing network and deployment strategy.

ITEM	DESCRIPTION
3.2.5	Threat Prevention Features: Must have the capability to act as a multi-factor authentication gateway for various enterprise applications to prevent credential theft and abuse that may lead to unauthorized access, modification, and stealing of sensitive data.

Clarification: The built-in MFA feature of the proposed solution should be readily available and enabled during implementation. In addition, the proposed solution should also be able to add additional authentication factors using other MFA vendors. In addition, the IC has no MFA vendor but considers acquiring an MFA vendor in the future.

ITEM	DESCRIPTION
3.2.6	Threat Prevention Features: Must have the ability to apply predictive analytics to interrupt bad actors that uses DNS for C&C or data theft.

Clarification: The IC deems predictive analytics a powerful tool to detect and disrupt DNS tunneling and command and control data theft. In addition, predictive analytics is also an effective means to prevent Zero-day Vulnerabilities and Attacks. The IC may consider other methods with a similar nature as “predictive analysis,” “machine learning,” etc., as long as the technology can stop C&C or data theft.

ITEM	DESCRIPTION
3.3.6	Management, Reporting, Logging, and Policy Checking: The firewall Layer 7 functionality must have application dependency checks and warnings that notify the administrator when dependent applications must be added to a policy rule in order for a given application or applications to operate properly.

Clarification: Due to the rampant cyberattacks exploiting the application layer, a need for application layer security is essential. Given that this technology is new to IC, it is a helpful feature to have application dependency checks and warnings for applications to work and operate correctly.

ITEM	DESCRIPTION
3.5.7	URL Filtering Features: Beyond webpage crawling to analyze live web content, disrupting attackers, and identifying the true nature of malicious sites hiding behind evasive techniques.

Clarification: This is an essential URL filtering feature to strengthen the IC’s cyber defense further.

This Supplemental Bid Bulletin No. 2 shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith are hereby amended, modified, and superseded accordingly.

For the information and guidance of all concerned.

Issued this 17 November 2022 in the City of Manila.



MR. ARTURO S. TRINIDAD II
BAC Chairperson
Bids and Awards Committee

Supplemental Bid Bulletin No. 2 for the **Supply, Delivery, Installation, Configuration, Set-up, Commissioning, and Testing of Hyperconverged Infrastructure Solution and Next Generation Firewall for the Insurance Commission (Project Reference No. 2022-10-253)** dated 17 November 2022 consisting of five (5) pages.

Received by:

Name of the Bidder/Company: _____

Name of Authorized Representative/s: _____

Signature/s: _____