Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical
Services Administration (PAGASA)

BAGONG PILIPINAS

30 October 2024

SUPPLEMENTAL BID BULLETIN
ADDENDUM NO. **2024-48 02**

Subject: <u>**"Supply, Delivery, Testing and Installation of Application Program Interface (Cloud Infrastructure Service) and Firewall"**</u>
(Reference: PR 2024-10-0691 EPA || IB 2024-48 EPA)

This Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Bidding Documents and to answer written queries and clarificatory questions during the pre-bid conference by prospective bidders, to wit:

Queries from: <u>**COMFAC Corp.**</u>

QUERY	ANSWERS
In reference to the forwarded Terms of Reference, we would like to seek clarification on the following points under Section VII. Technical Specifications: 1. Firewall Connectivity: How many Internet Service Providers (ISPs) will be connected to the firewall?	Minimum of two (2) ISP will be connected to the firewall
2. SD-WAN Usage: Is the SD-WAN intended to interconnect multiple offices? If so, could you specify the number of offices to be interconnected?	The firewall will be used for Site 2 Site VPN from On-prem to Cloud vice versa.
3. Microsoft Licenses: For the cloud instances, are Microsoft licenses required for the operating system or database?	No. The OS would be AlmaLinux and the Database will be MySQL.
4. Cloud Subscription Duration: Could you specify the total subscription period for the cloud service? Additionally, will this include time allocated for data migration?	The duration of the project and subscription would be 12 months. Inclusive of all the scope of work.
5. Migration Details: Is the migration process from on-premises to the cloud environment? If so, should the setup be active on both ends (on-premises and cloud) or in an active-standby configuration?	The migration process would be on-prem to cloud & cloud to cloud. Yes cloud and on-prem are in active-standby configuration.
6. Database Replication: Which type of database is to be replicated? (e.g., MySQL, MS SQL, etc.)	The database is MySQL

7. Firewall Support Requirements: Is 8/5 or 24/7 on-site support required for the firewall?	● We will require on-site support during the installation, configuration and testing. ● 24/7 on-site support would not be required after acceptance. ● But on-site support must be available as needed.

Queries from: **FIRSTDATA Corp.**

QUERY	ANSWERS

Eligibility documents:
 	
1. EAFS is acceptable?
 	
2. For Section K, what are the bidding documents that need to be included?
 	
3. Do you provide templates/forms for the ff documents, or we can use our own form?
  ● Ongoing Contracts
  ● SLCC
  ● NFCC
  ● Omnibus Sworn Statement
  ● Secretary's Certificate
  ● Bid Securing Declaration
  ● Financial Bid Form
  ● Completely filled-up Price Schedules (Source of Goods Form)
  ● Detailed Cost Breakdown
	1. The AFS shall be underlined stamped received by the Bureau of Internal Revenue (BIR) or accredited and authorized institutions, OR electronically received via the AFS e-submission of the BIR with a filing reference number.
	
	2. Please refer to Section VIII. Checklist of Requirements, Tab K, of the Complete Bidding Documents
	
	3. Yes, editable forms will be provided upon purchase of the Bidding Documents and presentation of the Official Receipt (OR) to the BAC Secretariat.

Technical questions: **For the Integrated Firewall Solution:** 1. Would you consider a Firewall model that has basic WAF capabilities compliant to all requirements but doesn't have WAF throughput on the datasheet? 2. Do you require HA setup for the firewall? 3. How many ISP for SDWAN? 4. With the proprietary virtual private network, is there an existing head office and what is the firewall in-place since you've mentioned that it needs to be proprietary?	1. No, we will not consider a Firewall without WAF capability. 2. Yes, we require HA setup for the firewall. 3. Minimum of two (2) ISP will be connected to the firewall. 4. It must be capable of the cloud and on-premise site-to-site VPN.

"tracking the sky…helping the country"

Science Garden Compound, Senator Miriam Defensor Santiago Ave., Brgy.Central, Quezon City, Metro Manila, Philippines 1100

Tel. No. (02) 8284-0800
Website: http://bagong.pagasa.dost.gov.ph

5. With reference to the maturity of the solution, CMMI L5 certified is equivalent of ISO 9001. Willl you consider ISO 9001 alone?	5. No, we will not consider ISO 9001 alone, for security compliance.

For the Cloud Infrastructure Solution:

1. What are the OS of All Server? a. Will this Server be deployed as VM's?	1. We currently use CentOS and Ubuntu, but we would like to migrate to AlmaLinux a. Yes it can be deployed as VM as long as all the components are interconnected
2. Regarding on the Bastion Server, can we propose a PaaS approach rather than a VM?	2. Yes, as long as it satisfies the current best practices and should not incur additional costs.
3. What will be the database? MySQL, SQL or etc?	3. The database is MySQL
4. Is there no storage for cache server? What is the required storage capacity for it?	4. The caching should be in memory
5. Regarding on the responsibilities, will the winning bidder provision workloads and MIGRATE DB contents based on the Scope of Work?	5. The winning bidder should implement the migration processes, automations and provision all necessary compute resources required for the API to function.
6. What is the current setup of the onprem server? Is it baremetal or virtualized? a. If Virtualized what Hypervisor are being used?	6. The current setup is baremetal.

This shall form an integral part of the Bid Documents.

For guidance and information of all participating bidders.

Sgd.

SHIRLEY J. DAVID
Chairperson, PAGASA-BAC