



13 December 2018

**SUPPLEMENTAL / BID BULLETIN**

**Addendum No. 2019-012-02**

**Subject: "SUPPLY, DELIVERY, INSTALLATION, INTEGRATION, TESTING AND COMMISSIONING OF IDENTITY AND ACCESS MANAGEMENT WITH ACTIVE DIRECTORY FOR DATABASE MANAGEMENT SYSTEM"; (Reference: PR No. 2018-10-1917 / I.B. No.2019-12 ABC Php 34,000,000.00)**

This Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Terms of Reference (TOR) and to answer the written clarificatory questions submitted by prospective bidders, to wit:

**A. Query from LIBERA CONSULTING SOLUTION, INC.**

Question/s	PAGASA-BAC Answer/s
1. Is PAGASA's DR site running as Active Data Center? Or simply COLD Site?	PAGASA has a Cold DR site..
2. Is there an existing replication link between Primary Site and DR Site that can be utilized?	Yes, 8Mbps leased line
3. Is the Secondary Site in Cebu to be used as Active Directory DR Site location? This is for assessment of required replication link from Primary Site	Yes, it should be an active DR site.
4. Are there any existing spare Network LAN ports?	No. The winning bidder needs to provide top-of-rack network connectivity to PAGASA network for proposed servers.
5. Are the two (2) rack mount servers expected to connect to PAGASA's existing virtual infrastructure?	Yes. Bidder needs to provide the following software and relevant services for each of the two (2) Rack Mount servers
6. Are the two (2) rack mount servers only Primary Site?	No. One (1) server for Primary Site and one (1) server for the DR Site..
7. If DR Site is required, is there any spare compute resources that can be optimized?	No there is none
8. Provide a solution that is capable of utilizing high availability functionalities of virtualized environments (i. E. Virtual machine movement across virtualized hosts). Can we request for more details on the PAGASA's virtual infrastructure to support these service requirements.	It refers to the system-integration ready for future deployment on the VDI infrastructure.
9. Provide capability for PAGASA'S 10. Virtual Desktop Interface (VDI) integration with proposed Active Directory Infrastructure. Can we request for the actual use-case for VDI in order to support this requirements? For example, who are the end users for the VDI? What are the latency and throughput of the network	It refers to the system-integration ready for future deployment on the VDI infrastructure.

infrastructure to support this requirements?	
11. Intel Xeon Platinum 2. 1Ghz minimum 24 cores per socket 24 cores per server (1 socket occupied) 128 GB RAM minimum, expandable to 3TB Minimum 2 x hard drive, 1. 2TB storage minimum (raw) total 1 x Raid Controller 1 x Single Port 16gb Fiber Channel HBA 1 x Dual Port 10gb + Dual Port 1gb Network Card. Are these expected to operate with Link aggregation? if so, the requirements will need more than 1x NIC card	No. it's not expected to be in a link aggregation
12. Provide a ready directory infrastructure for pagasa's Virtual Desktop Infrastructure (vdis). Request to provide more details on the existing VDI infrastructure.	It refers to the system-integration ready for future deployment on the VDI infrastructure.
13. Provide a ready identity and access management system for PAGASA's HR System. Cloud-based deployment for managed infrastructure Request for more details on the PAGASA's HR system. Also, request to have the component model to understand integration.	PAGASA HR system are still on development plan. It refers to the system-integration ready for future deployment.
14. Display latest data from nearest station / selected station. Can we request for the actual instrumentation for coordinates? Is it using A-GPS, GPS, both or other tools that are complementing the PAGASA mobile application.	Stations locations and coordinates are updated and available. It refers to real time data presentations for mobile application.
15. Deployment of highly available domain controllers for all sites (Primary, DR, and Cloud). Can the domain deployment be situated outside of the country?	At least one site is in cloud.
16. Customize the PAGASA-MIS system for authentication to the AD Infrastructure. Request for additional information for the PAGASA-MIS system.	PAGASA-MIS is a climate data management system that handles all PAGASA data in one platform.

This shall form an integral part of the Bid Documents.

For information and guidance of all participating bidders.

**Sgd.**  
**ENGR. CATALINO L. DAVIS**  
Chairperson, PAGASA-BAC