



20 December 2018

SUPPLEMENTAL / BID BULLETIN

Addendum No. 2019-011-03

Subject: "FOR THE SUPPLY, DELIVERY, INSTALLATION, INTEGRATION, TESTING AND COMMISSIONING OF PAGASA METEOROLOGICAL INFORMATION SYSTEM (PAGASA-MIS) APPLICATION PERFORMANCE MANAGEMENT WITH SECURE EDGE CONNECTIVITY"; ABC Php 66,700,000.00/ P.R. No. 2018-10-1921

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 official request of the prospective bidders, on the following:

A. Queries from FRITZ & MACZIOL ASIA

Question/s	PAGASA-BAC Answer/s
1. What is the definition of the Single Largest Completed Contract (SLCC)?	As stated in 2016 IRR R.A. 9184, Section 23.1 (a): <i>"v. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of this IRR, within the relevant period as provided in the Bidding Documents in the case of Goods. All of the above statements shall include all information required in the PBDs prescribed by the GPPB."</i> Its self-explanatory
2. Cloud Based APM- Does this mean that the APM Solution should be deployed and operating on Cloud Platform instead of Onpremise?	Yes, It should be deployed on cloud.
3. 1. We might need to further know the following Technologies used and what kind of applications the listed below. Is this (Java,C++,.Net, Python etc) and as well as the versions?, Database used? Version? <ul style="list-style-type: none"> • PAGASA-MIS • Meteo-Pilipinas • PAGASA Website • Budget Section MIS • Google Alert • Mobile Apps • PAGASA NMS • PAGASA elibrary • HR MIS • MDRIMS • FAST • ICT TOOL 	Please see below details: <ul style="list-style-type: none"> • PAGASA-MIS - Java, php, html, drupal, oracleDB • Meteo-Pilipinas - php • PAGASA Website - php, python, MariaDB • Budget Section MIS - .Net, sql • Google Alert - php, java, html, • Mobile Apps – java, javaScript • PAGASA NMS – php, html, • PAGASA elibrary - php • HR MIS - Java • MDRIMS – php, • FAST – php, mysql • ICT TOOL - php, java
4. May we request for the editable versions	Bidding documents/forms are in a softcopy form

of the standard bidding forms?	upon purchase.
<p>5. May we request for PAGASA to allow the submission of Net Financial Contracting Capacity by any of the JV Partners. As stated in clause 23.1 (b) of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184?</p> <p>"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 of its ongoing contracts and Audited Financial Statements."</p>	As stated, Its self-explanatory.

B. Queries from **LIBERA CONSULTING SOLUTION, INC.**

Question/s	PAGASA-BAC Answer/s
1. What is the existing VPN server used and how many users concurrently logged in at any time?	Existing VPN is Cisco AnyConnect.
2. Is there any DR Requirement for APM Hardware for the two (2) rack mount servers and one (1) storage server?	APM servers should be Cloud Based. Solution should be able to integrate operational/non-operational applications in the Primary and DR Sites. One (1) Application server for Primary Site and one Application (1) server for the DR Site. Storage server is for Primary Site only.
3. What is the DR Site configuration for APM? Active or COLD site?	APM servers should be Cloud Based. Solution should be able to integrate operational/non-operational applications in the Primary and DR Sites.
4. Is the WAF supposed to be together with the APM software sharing the same hardware mentioned in Section II. Infrastructure? If so, was this reviewed and endorse by the authority's ICT Security Governance team?	APM and WAF servers should be Cloud Based. In regards to the security governance, Yes, all ICT related projects are planned and collaborated with the ICT team to harmonized and maximize the resources available.
5. What is PAGASA's existing VPN servers? What is the existing license maintenance coverage and expiry date?	Existing VPN is Cisco AnyConnect.
6. Are the 100 VPN users can be accommodated by the existing VPN license?	Yes, it can accommodate.
7. Are software modules in DR site expected to purchase the license?	APM and WAF should be Cloud Based. Solution should be able to integrate operational/non-operational applications in the Primary and DR Sites.
8. Is the DR site for APM supposed to run Active or COLD Site?	As of the moment PAGASA has a Cold DR site
9. Provide secure VPN clients for 100 users, compatible with PAGASA's existing VPN Servers. Request for more details on the current VPN solution PAGASA is using right now.	Existing VPN is Cisco AnyConnect.
10. Provides intelligent threat detection for	As requested, please see below details on

cloud hosted public facing websites. This feature is IPS/IDS functionality. If this is part of the requirements, Please request to provide specific details on this requirements such as throughput etc..

PAGASA Website activities.



Month	Page Views
August	229,595
September	2,782,904
October	986,668
November	799,707

11. Provides continuous monitoring of account and workload event data in audit trails and network flow logs. If this is for UTM - please provide specific function/feature in order to understand the requirements.

Logs should include the following data in logs/records at a minimum and It should identify resources that are affected.

For Monitoring: Account ID; Interface ID; Source Address; Destination Address; Source Port; Destination Port; Protocol Used; Number of packets; Number of Bytes; Start and End Time; Action (Accept or Reject)

For Anomaly Detection, using above MONITORED metrics: Backdoor attacks; Behavior in patterns; Cryptocurrency; Unauthorized Penetration Testing; Reconnaissance attacks; Trojans.

12. Provides advanced detections using machine learning and anomaly detection. This area of specification is NOT clear whether a functionality of UEBA or a Machine learning capability with specific function. It needs specific detection scenarios to understand this portion.

Yes, it can be similar.

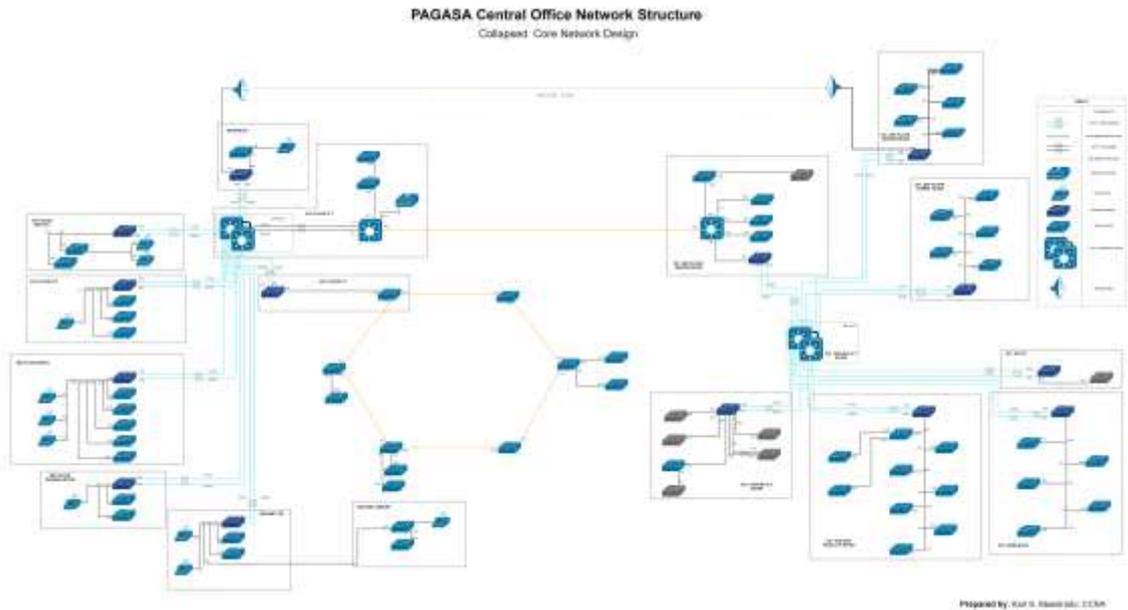
13. Provides three severity levels (Low, Medium, and High). Can we request if this part can be similar but NOT exactly the same by severity definition

Yes, it can be similar.

14. Provides capability to detect, diagnose, and resolve multi-vendor network performance issues. Please provide current Network infrastructure solutions in place to clarify the multi-vendor monitoring

See current network infrastructure below.

requirements.



15. Provides visual representation of the health and performance of critical network components. If the definition of the network components are the ff: 1. Network daemon service that facilitates functionality. These are L7 applications such as; http, https, smtp, etc.. 2. SNMP representation of different network elements. IF so, please request for the exact health parameters that are important reporting/monitoring attributes

View performance, traffic, and configuration details of devices and application that are on-premise or in the cloud. Monitor, alert, and report on key device metrics, including temperature, fan speed, and power supply.

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