



03 January 2019

SUPPLEMENTAL / BID BULLETIN

Addendum No. 2019-014-02

Subject: “FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF HIGH PERFORMANCE COMPUTING SYSTEM FOR PROVIDING HIGH RESOLUTION (5KM) CLIMATE CHANGE PROJECTION IN THE PHILIPPINES USING WEATHER RESEARCH AND FORECASTING (WRF) MODEL”; (ABC Php 52,000,000.00/ P.R. No. 2018-11-1922)

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 Advance Solutions Inc.

Questions	PAGASA-BAC Answer/s
1. Item #3 Compute Node Servers – We noticed that compute node specs do not indicate an interconnect to the low latency network mentioned in item #6. We would like to recommend “1 x intel OPA series or EDR Infiniband single-port PCIe network card” as additional requirement for item #3 to serve as the low latency interconnect. We also would like to recommend to lower 10GB ports to “1x10GB 2 – port Base-T or Higher” for these will be used for management only. Hope you can consider our request for item #3.	We would like to take the recommendation to add “1 x intel OPA 100 series or EDR Infiniband single-port PCIe network card’ to the item # 3, because the compute nodes of the HPC Machine will not communicate effectively. The “1x10GB 4-port Base-T or Higher” shall remain.
2. Item # 8 Management Network Switch – Under “QUANTITY and UNIT” column, it was stated as 1 UNIT however in the “SPECIFICATIONS” column stated [...] act as management switches or higher. We would like to clarify on the number of management switches required for this component, upon review 1 unit of management switch is enough for all the components.	One (1) unit of management switch is enough for all the components.
3. Item #9 Management Software – Sun grid Engine was last updated October 2012; there are now more widely used and more supported scheduler in the market like SLURM and GANGLIA. We would like to request that you consider the manufacturer’s equivalent and recommended scheduler for the “monitoring of job progress and long access” requirement.	We are more familiar with the Sun Grid Engine (SGE) management system. On the other hand, we are open to accept an updated and better management system.
4. G.2.3 Software: Regarding the software requirement we talked to Techsource Computing, Exclusive Distributor of MATLAB Server software, and as per conversation they	Unfortunately, we cannot remove the required software (G.2.3 Item # 1 and 2). Though, we will provide a letter to the winning bidder authorizing to transact with Techsource Computing an Exclusive Distributor of

<p>will not entertain reseller they suggested that PAGASA should buy directly to them with that we would like to request if you can remove the requirement software so bidders can still join and we can avoid failure of this bid. Additional query via email for G.2.3 Item # 1 and 2: Techsource Computing has some clarifications with your requirements to ensure that your team gets the correct licenses needed (please see attachment for the query): a) how many workers do they need? b) It is stated that there will be a mobile workstation, is it only one?</p>	<p>MATLAB Server Software.</p> <p>These are the answers for letters a and b:</p> <p>a) The MATLAB Server License will be dedicated to two (2) users, and the MATLAB license for mobile workstation will be dedicated to only one (1) user. b) Yes, only one mobile workstation will have a MATLAB license.</p>
<p>5. We wish to seek additional clarification request to the BAC regarding the following items: Regarding Similar Contract we would like to request if you can consider both server and storage as your similar contract?</p>	<p>Yes, both server and storage can be considered as similar contract.</p>

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