



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

PAGASA BIDS AND AWARDS COMMITTEE (PAGASA-BAC)

SUPPLEMENTAL / BID BULLETIN No. 2019-020-01
 31 May 2019

Subject: Supply, Delivery, Installation, Testing and Commissioning of One (1) Lot End to End Telecommunication Network Using IP Over VSAT-Rebid; (Reference: PR No. 2018-09-0650; ABC Php350,000,000.00)

This Supplemental/Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Bidding Documents and to answer the written clarificatory questions submitted by prospective bidders, to wit:

A. Query from iOne Resources, Inc., dtd 16 May 2019

Query No.	Particulars	Answers
1.	As mentioned in the pre-bid conference and as stated in the IB, the satellite transponder subscription was changed[sic] from 1 year, with a prescribed budget of Php402,000,000.00[sic] to 3 years, with a revised prescribed budget of Php350,000,000.00. We think this budget is very low and PAGASA should revert back to subscription to 1 year.	<p>The revision of the said requirement of the instant Project, including its Approved Budget for the Contract (ABC) is a result of the thorough review and evaluation of the terms, conditions and specifications of the Project conducted by the PAGASA-BAC and the End-user Unit following the Project's failure of bidding when it was offered at the first instance.</p> <p>As such, it has been determined that the revised Approved Budget for the Contract (ABC), which includes a 3-year subscription of satellite transponder, is sufficient to implement the instant Project.</p>
2.	We would also like to request that the SLCC is 50% of the proposed ABC be changed back to 25% of the ABC aggregated using 2 past contracts done in the last 10 years.	<p>Pursuant to Section 23.5.1.3 par. 2 (i. & ii) of the 2016 Revised IRR of RA 9184 and to encourage greater participation and competitiveness of bids, the BAC determined to allow prospective bidders to present <u>at least two (2) completed contracts that are similar in nature to the instant Project to be bid, the aggregate contract amounts of which should be equivalent to at least 50% of the ABC and the largest of these similar contracts must be equivalent to at least 25% of the ABC.</u></p> <p>For this purpose, Item C(4) of the Terms of Reference (TOR), is likewise amended that:</p> <p><u>"The prospective bidder must have completed at least two (2) IT contracts that are similar in nature and complexity to the Project to be bid within the period of 10 ten years the aggregate contract amounts of which should be equivalent to at least 50% of the ABC and the largest of these similar contracts must be equivalent to at least 25% of the ABC. ..."</u></p>
3.	In Item E (3.1), Satellite Transponder, TOR, that: <ol style="list-style-type: none"> a. Satellite Orbit Location - either be deleted or changed from $\pm 30^\circ$ East to minimum elevation angle of 15° over the Philippines. 	<p>In the selection of the orbital slot location, the required angle indicated as $\pm 30^\circ$ of 120° East has been determined and considered as the most effective look angle possible that has a good probability of obstruction clearance. Hence, the said specification shall be maintained.</p> <p>However, prospective bidders may be allowed to propose alternative offers thereto; <i>Provided, that</i>, the alternative offer complies with the required provision of a continuous, uninterrupted and 24/7 transponder.</p> <p>Documentary proof of such offer should be attached and made part of the prospective bidder's submission of technical requirements.</p>
	<ol style="list-style-type: none"> b. Life Span - from min. of 15 years to delete not relevant, this is the actual life span of the satellite. No satellites more than 15 years. 	<p>Item E (3.1. [Life Span]) of the TOR is hereby amended:</p> <p><u>FROM: Min. 15 years TO: At least 15 years</u></p>

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	c. Age - from not more than 5 years to delete not relevant or change to not exceeding 10 years as long as the age does not reach the life span.	Item E (3.1. [Age]) of the TOR is hereby amended: FROM: Not more than <u>5 years</u> TO: Not more than <u>7 years</u> This requirement is relevant to the Project to ensure a continuous and uninterrupted satellite subscription service and avoid a possible nationwide re-pointing of antennas during the implementation of the 3-year satellite transponder subscription.
	d. EIRP from Minimum of 40dBW Change to 38dBw or delete	The minimum requirement of 40dBW shall be maintained; however, prospective bidders will be allowed to propose alternative offers thereto; <i>Provided, that</i> , proof of signal strength, stability, efficiency, minimum latency and end-to-end reliability of data are shown in their offer.
	e. Polarization Horizontal / Vertical change to Linear or Circular	The current polarization being utilized by PAGASA is Horizontal / Vertical Polarization; however, offering of a Linear or Circular Polarization may also be allowed. As such, Item E (3.1. [Polarization]) of the TOR is hereby amended: FROM: Horizontal/Vertical TO: <u>Horizontal/Vertical or Linear/Circular</u>

B. Query from Net Pacific, Inc., dtd. 17 May 2019

1	In item A. Background High Frequency Radars (HFR), page 1. TOR The quantity [of HFR] was not indicated. Can we follow the schedule of deliverables in Annex B page 14/4 VSAT for HFR Stations?	Yes. For quantities of all deliverable items for the Project, please refer to the Schedule of Deliverables attached to the Terms of Reference (TOR) as Annex "B" .
2	In item 2.3.1, page 4. TOR Does integration with weather monitoring system include existing networks? Or, what do this specific integration include? Please advise.	Yes. The 'integration of weather monitoring system' referred to in the TOR include the existing networks present at the PAGASA stations listed in Annex "A" of the TOR. A PAGASA technical personnel shall be assigned to assist in the integration of existing IP Based networks during the implementation of Project.
3	In item 2.13, page 5. TOR a. Normally, packet loss can reach more than 0.4% can you consider 1% packet loss?	Yes, a 1% packet loss may be acceptable and is normal for VSAT communication depending on load and weather conditions.
	b. Packet jitter can reach beyond 2ms, can you consider 40 ms Packet Jitter?	Yes, a 40 ms packet jitter may be acceptable and is normal for VSAT communication depending on load and weather conditions
	c. Is the mean time to repair of Max 1 hour especially in a remote area or site included?	The mean time to repair of 1 hour max applies to the main hubs only wherein every station will be connected.
	d. In Annex "A". Detailed List of Sites: Please provide coordinates for the following sites: 1. Dilasag; 2. Dinapigue; 3. Jagna, Bohol 4. Mambajao, Camiguin; & 5. Malimono, Surigao del Norte	Below are the coordinates of the following sites: 1. Dilasag to Mijares, Dipaculao: 15° 52'24.30" N / 121° 32' 56.50" E 2. Dinapigue: 16° 31' 19.60" N / 122° 15' 58.20" E 3. Jagna, Bohol: 9° 43' 54.40" N / 124° 34' 07.10" E 4. Mambajao, Camiguin: 9° 43' 54.40" N / 124° 39' 38.80" E 5. Malimono, Surigao: 9° 36' 50.50" N / 125° 24' 05.30" E

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4	What are the required document for Foreign bidder? Do we need to have it consularized and red ribboned?	<p>As stated under item 5.2, page 1 of the Bid Data Sheet (BDS), Foreign bidders, except those falling under ITB Clause 5.2 (b), may not participate in this Project.</p> <p>In the case of an eligible Foreign bidder, however, the specific documentary requirement prescribed under ITB Clause No. 24.6 (Instructions to Bidders) shall apply. Said documentary requirements must be duly consularized at the nearest Philippine Consulate where the principal place of business of the foreign bidder is located.</p> <p>In case of Joint Venture Agreement; however, prospective bidders are advised to refer to the pertinent provisions and clauses in the Instructions to Bidders.</p>
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C. Query from **PLDT Enterprises, dtd. 22 May 2019**

1	Whether or not PAGASA will consider a solution combined with Wired and Wireless technology.	<p>The specific objective of the instant Project calls for a <u>technology solution that is satellite-based, end-to-end internet protocol (IP) over VSAT network (IPoS)</u> that is capable of inter-connecting and integrating PAGASA's weather monitoring systems.</p> <p>As such, while the technology solution being proposed may be considered as a good alternative solution to PAGASA's needs, the same could not be considered for purposes of the bidding of this Project.</p>
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- nothing follows -

This shall form an integral part of the Bid Documents.

For information and guidance of all prospective bidders.

Sgd.
CATALINO L. DAVIS
 Chairperson, PAGASA-BAC

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