



16 November 2023

SUPPLEMENTAL BID BULLETIN
ADDENDUM NO. 2023-020-02

Subject: Supply, Delivery, Installation, Testing, Training and Commissioning of S-Band Magnetron Type Dual Polarization, Doppler Weather Radar and Accessories at Brgy. Buntatala, Jaro, Iloilo
(Reference: PR No. 2023-10-587 EPA / IB No. 2023-020)

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: **Japan Radio Co., Ltd.**

Query	Answers
<p>Submission of Bids</p> <p>Opening of Bids</p>	<p>From: 27 November 2023 / 10:00 a.m. To: 12 December 2023 / 10:00 a.m.</p> <p>From: 27 November 2023 / 10:01 a.m. To: 12 December 2023 / 10:01 a.m.</p>
<p>IB Page 2 Item No.9</p> <p>The PAGASA reserves the right to: (a) accept or reject any and all bids at any time prior to the award of the contract; (b) waive any minor formal requirements in the bid documents; (c) accept such bids it may consider to be advantageous and beneficial to the government;</p> <p>May we request that BAC to accept the Bid Proposal with equivalent specs but upgraded specs and advantageous to end-user</p>	<p>Included in the Revised IRR of RA9184. Section 41. Reservation Clause</p> <p>The specifications set by the end-user unit of the Project represent the minimum technical specifications. Thus, the interested bidder/s are allowed to make alternative offers provided that they are compliant with and responsive to the specific requirements of the Project.</p>
<p>Section VI- Terms of Reference (Item 10.2.3 .1)</p> <p>10.2 System 10.2.3 Typical Range: 10.2.3.1 Intensity/Precipitation: 400km</p> <p>Can we propose C Band type instead of S-Band Type of Radar? Our C-Band detection range is 400Km which complies with the specification mentioned in Section VI-Terms of Reference Item 10.2.3 .1 .</p>	<p>The specifications set by the end-user unit of the Project represent the minimum technical specifications. Thus, the interested bidder/s are allowed to make alternative offers provided that they</p>

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<p>Can we propose Solid State Power Amplifier (SSPA) instead of Magnetron type radar?</p> <p>This system has equivalent detection range of 400km. In addition, SSPA have several advantage over magnetron listed as follows:</p> <ul style="list-style-type: none"> (a) The transmission power of the solid-state transmitter is lower compared to the magnetron type transmitter with the same detection range of 400KM. (b) Lower power consumption which means lower electricity bill (c) Magnetron requires periodic replacement as a consumable, while in Solid State Radars do not need consumables, therefore the cost in parts and labor for maintenance over time is greatly reduced (d) The solid-state radar provides higher reliability and performance. 	<p>are compliant with and responsive to the specific requirements of the Project.</p>
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Queries from: **State Alliance Ent. Inc.**

Query	Answers
<p>1. Point 10.2.7 Phase Stability must be 0,15° or better</p>	<p>Item 10.2.7 - The Phase stability requirement of < 0.05° is a typo error and should be < 0.5°.</p> <p>“As per WMO standard 2021 edition (Volume III: Observing Systems) Guide to Instruments and Methods of Observation, a good phase stability should be <0.5°.” Meaning a radar system with phase stability of less than 0.5° is much BETTER (the smaller the value is, the greater the ability to remove ground clutter).</p>
<p>2. Point 10.10.1.1.28 Metar Observations the market still don't have this special feature may we request to remove it.</p>	<p>A METAR is for Aeronautical Observation. It can be removed from the requirements.</p>
<p>3. Point 10.10.1.1.30 Weather model display and weather model. Can we clarify that this point means that the Weather radar system should be capable of exporting weather radar data using typical international standard data formats like NETCDF, BUFR, HDF5</p>	<p>0.10.1.1.30 Weather Model Display and Weather Model Adjustments. – The radar should be capable of auto converting the raw data to UF, BUFR, HDF5, XML, ASCII, and NETCDF (as required in item 10.11.5). The converted data will be exported as an input to a weather model which is a separate application software.</p>



<p>4. Point 10.16.2.1.4 May we clarify the quantity for Heavy duty Vibration Isolators because there is no quantity indicated in the TOR but in the Schedule of Requirements the quantity is 2.</p>	<p>The requirement is six (6) heavy-duty vibration isolators for each 37.5kVA diesel engine generator, for a total of 12 pieces.</p>
<p>5. Point 10.16.2.2 May we clarify the Schedule of Requirements item no. 25 two (2) sets 20KVA UPS (online), can we remove the word 2 sets on the description to avoid confusion since the bill of quantity had indicated 2 sets already</p>	<p>In Item 10.16.2.2 of the TOR, the required quantity of the 20 kVA UPS is “2-sets” connected in parallel. Meaning two (2) units of 20 kVA UPS.</p>
<p>6. Point 10.16.2.11 & 11.3 Storage cabinet for radar parts and test equipment dimension is 92 x 46 x 72 inches (W x D x H) the size is too big and may not fit on the standard doorway, may we suggest to change the dimension into 69 x 39-3/8 x 18 inches (H x W x D)</p>	<p>The unit of measurement of the cabinet’s dimension is in centimeters (cm).</p>

Queries during the Pre-Bid Conference

Query	Answers
<p>1. Submission of official receipt for the payment of bidding documents may be allowed during the submission of bids?</p>	<p>No, submission of official receipts for the payment of bidding documents is not allowed during the submission of bids.</p> <p>Bidders must submit the Bidding Documents on the specified date indicated in the Invitation to Bid or the Supplemental Bid Bulletin if there are any.</p>
<p>2. NFCC – Can a bidder be allowed to submit a bank certificate in lieu of a Committed Line of Credit for the NFCC computation?</p>	<p>The acceptable Net Financial Contracting Capacity (NFCC) for the project as stated in the Revised IRR of RA9184 is a committed Credit Line Certificate (CLC) issued by a Universal or Commercial Bank.</p>
<p>3. SLCC - Single Largest Completed Contract For an SLCC that is S-Band Radar but not Doppler, will be accepted or it should be all weather related?</p>	<p>SLCC must be similar for the <u>Supply, Delivery, Installation, Testing, Training and Commissioning of S-Band Magnetron Type Dual Polarization, Doppler Weather Radar.</u></p>

This shall form an integral part of the Bid Documents.

For guidance and information of all participating bidders.

Sgd.
BONIFACIO G. PAJUELAS, Ph.D.
Chairperson, PAGASA-BAC

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