Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

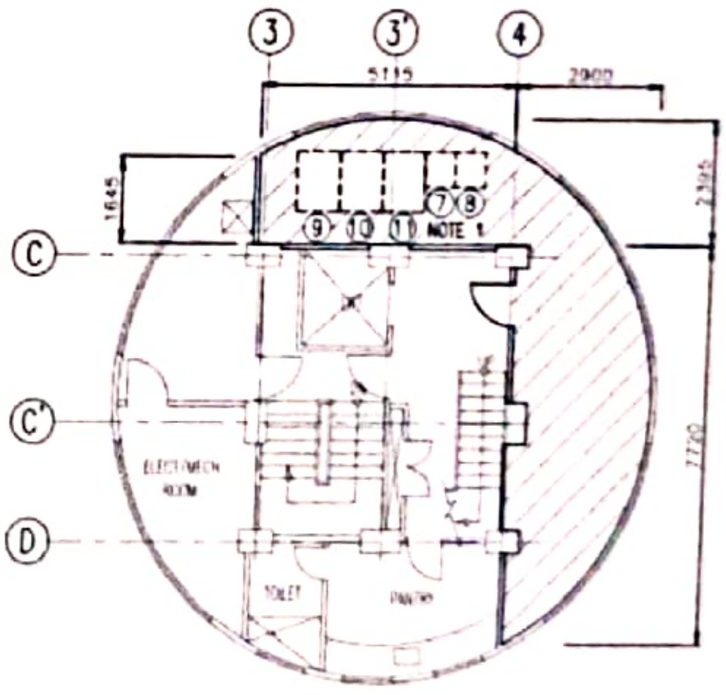
PURCHASE AND INSTALLATION OF COMMUNICATIONS EQUIPMENT FOR BICOL (NEW LEGASPI) INTERNATIONAL AIRPORT (BID NO. 24-099-11 BRAVO)

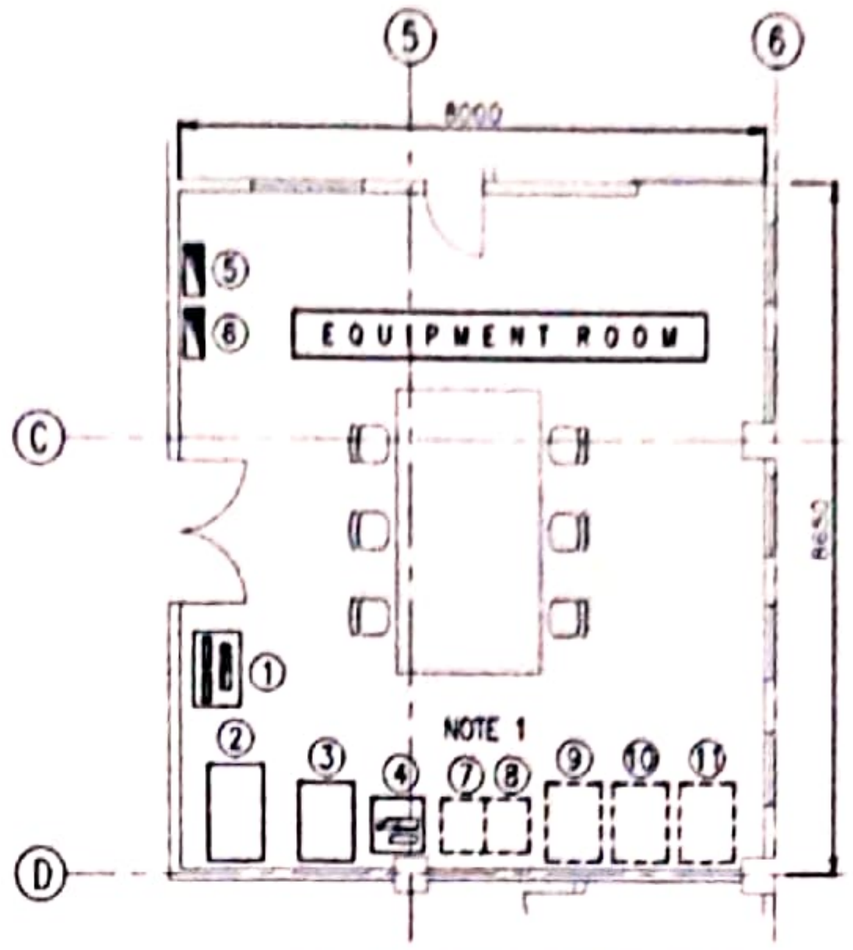
BID BULLETIN NO. 2

NOV 29 2024

Clarifications of requirements in the Technical Specifications bid document issued for **Purchase and Installation of Communications Equipment for Bicol (New Legaspi) International Airport** (Bid No. 24-099-11 BRAVO) shall apply as follows:

I. Bid Modifications/Corrections

Section Item	Item for Modifications/Corrections	Modifications / Corrections
Drawing	Drawing in 6th Floor Layout (Option 1) with only rack no. 7 & 8	Drawing in 6th Floor Layout (Option 1) will include rack no. 7 to 11  6TH FLOOR LAYOUT (OPTION 1)

Drawing	Drawing in Detached Plan (Option 2) with only rack no. 7 & 8	Drawing in Detached Plan (Option 2) will include rack no. 7 to 11  DETACHED PLAN (OPTION 2)
ITB 10.2	The Bidder's SLCC as indicated in ITB Clause 5.3 should have been completed within Five (5) years as provided in paragraph 2 of the IB prior to the deadline for the submission and receipt of bids.	The Bidder's SLCC as indicated in ITB Clause 5.3 should have been completed within ten (10) years as provided in paragraph 2 of the IB prior to the deadline for the submission and receipt of bids.

II. Bidders' Clarification

1. CAAP consider a possibility of an alternate design incorporating an increased number of antennas?

   REPLY: *Alternate antenna design can be considered but replacement of components in the bill of quantities must be explained well and approved by the Original Equipment Manufacturer (OEM) and/or PECE.*

2. There are 3 sets of High Power RF circulators. As the transmitters are connected to their respective 4-Channel cavity combiner (these combiners are normally supplied from factory with isolators to block reflected RF and intermod products). From a design standpoint, the only reasonable connection for these circulators would be at the combiner's common output. Question, what is the intended use of these circulator

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where one leg is unterminated? And would CAAP consider an alternate design without the circulators?

REPLY: *The RF circulators are intended to isolate the different frequency transmission and reception. The 3 High Power RF circulators are intended for main and back-up antennae (2 circulators) and the remaining unit is spare. The design intends to have only a single antenna for transmit and receive path. As your question is valid, alternate design can be considered but replacement of components in the bill of quantities must be explained well and approved by the Original Equipment Manufacturer (OEM) and/or PECE.*

3. Would CAAP consider an alternate to the folded dipole antenna in C.3.2.5.7 to an omnidirectional dipole antenna design which does not employ a balun?

   REPLY: *Alternate design is allowed as long as it is explained well and approved by the Original Equipment Manufacturer (OEM) and/or PECE.*

4. Regarding C.4.2.4.6, can CAAP clarify what type of lines are these, below:
   a. "Spare" lines are analog? If yes, are they 2-wire (Telephone) or 4-wire (E&M Radio).
   b. "VHF AM Transceivers" are existing and analog, or they are connected via an IP (ethernet) interface?

   REPLY: *The Table in C.4.2.4.6 already specify if it is IP or analog. Transceivers are not connected to the voice communication switch.*

5. "The spare parts (or spare unit/s) and other components required are listed in Section VI (Schedule of Requirements) and the cost thereof are included in the contract price." However, there's no mention of spare parts in the Section VI (Schedule of Requirements). Please clarify.

   REPLY: *The cost will only be based on the Schedule of Requirements or Bill of Quantities. Spare in this case is use as a general term to refer to items not part of the installed working equipment.*

6. In B.14., a minimum of five (5) racks are required. But from Page 25-26 of Section VI. Schedule of Requirements, racks are outlined under each line items (VHF Transmitter System, VHF Receiver System, Antenna System & Other Accessories, Voice Communications Switch with ATC console, Automatic Terminal Information Service (ATIS) System, Automatic Terminal Information Service (ATIS) Receiver Radio, Voice Logging System (VLS)) Please advise if the system can be combined in the same rack (where required), or requires separate racks for each line item? It would have a total 6 racks if it will be each line item.

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REPLY: *The quantity specified in B.14 of five (5) communication rack is an estimation based on the different types of communications equipment (e.g. TX, RX, VCS, ATIS & VLS) included in the project. The rack mentioned in each line items in Section VI is for the purpose of ensuring that all equipment and peripherals are installed in the usual standard 19" rack. This is not quantified in Section VI to give way for limited space in the site equipment room; hence, if there is any possibility to save space while all communication equipment and peripherals are still installed securely in racks; this will be allowed.*

7. Please advise what are the NTC licenses needed.

   REPLY: *It is the responsibility of the bidder to identify all necessary licenses and/or permits for this project.*

8. In ITB Clause 15 in Bid data sheet, it is stated "Each bidder shall submit one copy of the first and second components of its Bid, and soft copy in PDF format of the same original copy of bid submission in print." Question, how are we going to send the soft copy?

   REPLY: *Soft copy can be submitted using CD or USB drive and attached to the bid submission package. It's the prerogative of the bidder to secure the file with password and this will be provided by bidder during the post qualification.*

9. We would like to request for an extension. Please see attached request.

   REPLY: *The submission and opening of bid(s) on 27 November is hereby rescheduled to 6 December 2024 at 9:30 a.m. See Bid Bulletin No. 1*

This shall be an integral part of the Bidding Documents and the same shall be enclosed in the technical bid envelope/components and shall be marked accordingly.

For the information and guidance of all concerned.

Prepared by:

GARY M. JADIE
End User

Approved by:

ATTY. DANJUN G. LUCAS
Chairperson
Bids and Awards Committee - Bravo

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