PURCHASE AND INSTALLATION OF COMMUNICATIONS EQUIPMENT FOR LAOAG INTERNATIONAL AND CAUAYAN AIRPORT
(BID NO. 24-049-07 BRAVO)

BID BULLETIN NO. 2

SEP 06 2024

Clarifications of requirements in the Technical Specifications bid document issued for the above project shall apply as follows:

Bidders' Clarification

1. Under "Performance Requirements of the Radio System C.1.2.1" and "C.2.2.1", the Transmitter and Receiver shall have a frequency range of 117.975 to 137 MHz. Please confirm if we can offer instead a radio frequency range of 118 to 137 MHz for the radio system. The requirement for the radio frequency range for the radio system in our previous projects with CAAP for the Mactan and Davao Communications Equipment, as well as several other airports nationwide, was 118 to 137 MHz. Sticking to the specification of 117.975 MHz, with a difference of just 0.025 MHz, will require another frequency range of Radios for all Manufacturers which is significantly more expensive for CAAP.

   REPLY: Frequency range of 117.975 to 137MHz is the frequency in the standard released by the Air Navigation Service in July 2022. This is the same operating frequency range in accordance with the ICAO Annex 10 Volume 3 and related ICAO Documents. The 0.025 Mhz below 118 MHz is the guard band ensuring safety in the performance; and, thus required in the ICAO standard. Henceforth, the radio's first assignable frequency is 118MHz and that the last assignable frequency is 136.975MHz per ICAO Regional Frequency Allotment Table.

2. The ATIS System specifications seem to be very detailed. May we know what manufacturer the ATIS specifications are being based on? Each Manufacturer has its own features and may not comply to each specific item of the specifications. May we suggest that the specifications be made more general so that more bidders can comply and will not end up to one bidder who can comply or even failure of bid.

   REPLY: The ATIS System specifications have been drafted based on operational needs with inputs from different stakeholders. While these specifications must remain detailed, we are open to alternative comparable solutions that meet the same functional requirements. Bidders are encouraged to propose equivalent options, provided they clearly demonstrate compatibility and functionality.

Basically, the ATIS will have to be connected/integrated by ANS personnel with the weather instrument in the respective airport (i.e. Laoag International Airport) as one of the sources of information of the airport.

3. According to Section VI Schedule of Requirements, Item V, the ATIS System will include one (1) ATIS Workstation with licensed ATIS software package, and one (1) Touch Input Device (TID). According to Section VII. Technical Specifications, requirement C.5.2.4.1., the system shall offer single server architecture.

   a. Please confirm that the server mentioned in Section VII req. C.5.2.4.1, shall be a desktop PC type (PC server).

   REPLY: The ATIS System server type is determined by the manufacturer; but as a system, the specification required in C.5.2.4.1 is that it has single server architecture allowing upgrade to double server. Multiple server architecture can be offered as long as it is explained in the proposal.

   The ATIS workstation with licensed ATIS software package is the workstation used by ATC tower operations personnel. This workstation can be a desktop PC type.

   b. Please confirm that the ATIS Workstation with licensed ATIS software mentioned in Section VI Item 5 is the PC Server for ATIS.

   REPLY: ATIS Workstation is the HMI of the ATC personnel to the ATIS System while the ATIS System takes information from different sources (one of which is the weather instrument). See C.5.2.1.1.

   c. Please confirm that the Touch Input Device is for only one client required for ATIS system.

   REPLY: There shall be at least one (1) Touch Input Device for air traffic controller use as client.

4. Please confirm that the Certificate of Exclusive or Authorized Distributorship issued by the Original Equipment Manufacturer (OEM) is only for the major equipment namely the VHF Transmitter System, VHF Receiver System, Voice Communication Switch and Voice Logging System.

Section Item	Specification	Clarifications / Corrections
C.4.2.8.3.6.a	The Factory Training (FT) shall be attended by 5 personnel (5-VCS) for a minimum of 10 training days (weekends excluded).	The Factory Training (FT) shall be attended by 8 personnel for a minimum of 10 training days (weekends excluded).

7. Who will secure NTC license for CAAP for the supplied Radios?

REPLY: The NTC license/permit documentary requirements has long been required since 2012. This has been required even in Mactan and Davao. The Contractor is responsible in securing NTC license documentary requirements for CAAP use.

8. We would like to request for a 6-week extension from the date of submission of bids due to ff. reasons:
   a. Europe is now on summer holiday from around end of July to August wherein most of the technical personnel are on vacation.
   b. Our manufacturer has to prepare the Radio Coverage Map and other requirements for bid submission.
   c. We have yet to receive a copy of the reference drawings as per section C.4.2.5.l.and C.4.2.5.2 and C.4.2.5. this was not Posted in the CAAP website and the Philgeps.

REPLY: Submission and opening of bids is rescheduled from 16 August to 13 September 2024. See Bid Bulletin No. 1

9. Under "General Requirements of the Voice Communication Switch (VCS) with ATC Console C.4.1.3", the system shall provide telephone and intercom services capable of at least eight (8) lines. (see also C.4.2.4.6) Please confirm which type of telephone lines will be used. FXS, FXO, LB, CB?

REPLY:

Section Item	Specification	Revisions / Corrections
C.4.1.3	The system **shall** provide telephone and intercom services capable of at least eight (8) lines. *(see also C.4.2.4.6)*	The system **shall** provide telephone and intercom services capable of at least six (6) lines. *(see also C.4.2.4.6)*

i. Please confirm if the VHF AM TRX interface is IP or Analog. Please confirm the assumption that the radios are single channel.

   REPLY: The VHF AM Transmitters, Receivers are IP and Transceivers are analog. See revision in C.4.2.4.6. above in reply to query item 9.

ii. Please confirm what is expected for the spare. Spare radio channels or spare telephone lines?

   REPLY: See revision in C.4.2.4.6. above in reply to query item 9.

For the information and guidance of all concerned.

ATTY. DANJUN G. LUCAS
Chairman, Bids and Awards Committee - Bravo