

ADDENDUM NO. 2
TO THE CONSTRUCTION DOCUMENTS
FOR THE
AIR TRAFFIC CONTROL TOWER RADIO, COMMUNICATION AND
ELECTRONIC UPGRADES
BOCA RATON AIRPORT

Project funded by:

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

July 27, 2022

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TO: ALL HOLDERS OF CONTRACT DOCUMENTS

- a.** Your attention is directed to the following interpretations of, changes in, and additions to the Contract Specifications and Plans for the above named project at Boca Raton Airport, Boca Raton, Florida.
- b.** This Addendum is part of the Contract Documents and Plans, and the bidders are required to acknowledge receipt of this Addendum in the space provided below.

This addendum includes the following (see attachments):

- 1. PRE-BID MEETING MINUTES**
The Pre-Bid Conference Meeting Minutes w/Sign in Sheet (attendees)
- 2. CONTRACTOR RFI'S**
(Responses to Bidders Questions)
- 3. REVISED DRAWING**
W502 – Revised nomenclature describing rack mounted radio transceivers.

NOTE: Sign and Return Addendum #2 Cover with Bids

Acknowledged: _____ signature of Bidder

Name of Bidder: _____ Date: _____

END OF ADDENDUM NO. 2

CONTRACTOR QUESTIONS/CLARIFICATIONS

- 1. Please confirm the submission requirement is for one paper copy to the address specified in the bid?**

A: Five paper copies to the office address listed.

- 2. Are electronic copies allowed? If so, what are the submission instructions?**

A: No digital copies are to be submitted.

- 3. Is bidder responsible for Section 25 05 26. It reads like this would be for entire tower. Bidder should only be responsible for where the equipment should be placed. Is this assumption correct?**

A: Yes, the bidder is responsible for the requirements of all sections including section 27 05 26 (Grounding and Bonding for Communications Systems) as they pertain to the work shown on the bid documents.

- 4. Is bidder responsible for Section 27 05 25? It reads like this is for entire tower. Bidder should only be responsible for where the equipment should be placed. Is this assumption correct?**

A: Yes, the bidder is responsible for the requirements of all sections as they pertain to the work shown on the bid documents. Note that section 27 05 25 is not a valid reference.

- 5. Is bidder responsible for Section 27 05 28? It reads like this is for entire tower. Bidder should only be responsible for where the equipment should be placed. Is this assumption correct?**

A: Yes, the bidder is responsible for the requirements of all sections including section 27 05 28 (Pathways for Communications Systems General) as they pertain to the work shown on the bid documents.

- 6. In Project Manual, Section 27 32.43, Par 2.2 B. Discrepancy of how many radios. It calls for 2 each of VHF Transmitters and 2 each of VHF Receivers, and 1 VHF Transmitters for ATIS, then says five (5) transmitters and four (4) receivers. Please clarify?**

A: Each ATC frequency shall have primary and secondary TX/RX. Refer to revised sheet W502 attached.

Local (118.425 MHZ) requires two (2) TX and RX.

Ground (121.8 MHZ) requires two (2) TX and RX.

ATIS (121.125 MHZ) requires one (1) TX.

Total - five (5) transmitters and four (4) receivers.

7. Please clarify the requirement is for need 3 shout lines and 2 dial lines.

A: Refer to sheet W702 for a diagram of the existing system. There are three (3) shout lines (PMP, MIA, PBI) and 2 dial lines.

8. How many DTMF commercial lines are needed?

A: All lines are existing, reuse existing lines.

9. In Radio Communications section, 27 32 43. Par 2.4 A. The Digital Logging Recorder, ATIS Limited is no longer in business. Is the Stancil Recorder Product acceptable?

A: Yes, an equivalent product by Stancil Corporation will be acceptable.

10. In Radio Communications Section, 27 32 41, par 2.5 A. The TED with the voice switch comes standard with 12" or 14". Your spec calls for 17" diagonal. Please clarify size requirement.

A: Yes, TED shall be 17".

11. In Radio Communications Section, 27 32 41, par 2.7 A.

a. As a Canadian company, L3 Harris products cannot comply with the Buy American requirements. Please confirm Buy America does not apply.

A: Canada meets the Buy American Act.

b. If Buy America applies, please confirm Frequentis Gate X 3020 with approximately 10-12 months lead time will be acceptable?

A: Refer to response 11a.

12. In Radio Communications Section, 27 53 13, Clock System. How many clocks display are required?

A: Two (2) clock displays are indicated on the contract drawings. Refer to sheets W102

and W103.

- 13. Due to the complex intricacies related to all equipment clarifications herein, until such time as answers are received, we are unable to request firm quotes from the manufacturers. As such, we recommend BRAA extend the solicitation due date by three weeks to August 24, 2022. This will ensure BRAA has sufficient responsive bids on which to base decisions.**

A: BRAA can accommodate a three week extension period. The new deadline for submissions will be August 24th at 2:00pm.

- 14. Please confirm General Dynamics CM-300 V/T and CM-300 V/R with 3-4 months lead time will be acceptable?**

A: As stated in Addendum 1, General Dynamics CM-300/350 (V2) Air Traffic Control Radios are acceptable.

- 15. Due to the lead times from the manufacturers, the longest of which could be up to 12 months if Buy America applies, and 6 months if it does not, please confirm (authority) will extend the timeline such that it will accommodate the longest manufacturer lead time (which will not be known until BRAA provides authorization to proceed).**

A: As noted above, Buy America does not apply. Following award and Administrative NTP, extensions required for procurement of specific materials will be addressed with the successful bidder.

KEYED NOTES: (#)

1. EXISTING PRIMARY BASE STATION RADIO TRANSCEIVER TO BE REPLACED.
2. EXISTING SECONDARY BASE STATION RADIO TRANSCEIVER TO BE REPLACED.
3. EXISTING CONTROL INTERFACE (LAPTOP) TO BE REPLACED.
4. EXISTING DIGITAL VOICE ANNOUNCER TO BE REPLACED.
5. EXISTING ATIS RADIO TRANSMITTER TO BE REPLACED.
6. EXISTING VOICE COMMUNICATION AND CONTROL SWITCHING SYSTEM TO BE REPLACED.
7. EXISTING INVERTER, AND BATTERIES FOR RADIO COMMUNICATIONS TO BE REPLACED.
8. EXISTING KVM DRAWER TO BE REPLACED.
9. EXISTING DIGITAL VOICE RECORDER TO BE REPLACED.
10. EXISTING UPS TO BE DEMOLISHED.
11. EXISTING UPS TO BE REPLACED.
12. NEW EQUIPMENT SHOWN IN EXISTING CABINET. CONTRACTOR SHALL DETERMINE MOUNTING LOCATION ACCORDING TO FIELD CONDITIONS AND AS COORDINATED WITH THE OWNER.
13. DEMOLISH ABANDONED NETWORK SWITCH.
14. PROVIDE VERTICAL GROUND BUS IN REAR OF CABINET, CONNECT TO TELECOM GROUNDING SYSTEM WITH #6 AWG.
15. PROVIDE NEW MASTER CLOCK PRIMARY UNIT.



EXISTING TERMINAL BLOCKS ELEVATION

SCALE: 1-1/2"=1'-0"

SCALE: NONE

SCALE: 1-1/2"=1'-0"

