

ADDENDUM NO. 1
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 25, 2022

PAGE 1 of 6

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)

NOTE: **Sign and Return Addendum #1 Cover with Bids**

Acknowledged: _____ signature of Bidder

Name of Bidder: _____ Date: _____

END OF ADDENDUM NO. 1



Minutes

Pre-Bid Conference

ATCT RADIO, COMMUNICATION AND ELECTRONIC UPGRADES

Boca Raton Airport

Thursday, July 14, 2022; 2:00 PM

PROJECT FUNDED BY:

Florida Department of Transportation
and
Boca Raton Airport Authority

1. **OWNER OF PROJECT** **Boca Raton Airport Authority (BRAA)**
Clara Bennett Executive Director
Scott Kohut Deputy Director
Travis Bryan Operations Director

2. **AIRPORT'S GENERAL CONSULTANT**

Ricondo & Associates, Inc.
Pete Ricondo, PE (pricondo@ricondo.com)
Bryce A. Wagner, PM (bwagner@ricondo.com)

3. **DESIGN TEAM** **Reynolds Smith and Hills**
Jim Pangburn, PSP (Jim.Pangburn@rsandh.com)
Robert Fletcher, PSP (Robert.Fletcher@rsandh.com)

4. **BID SUBMITTAL DATE** **Wednesday August 3, 2022; 2:00 pm, Local Time**
Boca Raton Airport (BCT)
903 NW 35th Street
Boca Raton, Florida 33431
Attn: Travis Bryan, Operations Director
Phone: (561) 391-2202 x209

5. **Bid Submittal**
Bid proposals must be submitted on the forms provided by BRAA and accompanied by a bid security in the form of a certified check, cashier's check, money order or a bid bond, submitted on the form provided, in favor of BRAA in the amount of not less than five percent (5%) of the bid price. Bidders are required to submit three (3) sealed copies of their Bid with all required documentation, complete.

6. **BID DOCUMENTS** – Plans, Specifications, Project Manual, and addenda can be obtained by contacting Boca Raton Airport:

Contact

Travis Bryan, Airport Operations Manager
Phone: (561) 391-2202 Ext. 210
e-mail- travis@bocaairport.com

- Non-Disclosure Agreements – NDA’s

7. **CONTRACTOR BID EVALUATION AND AWARD PROCESS**

- EOR Bid Evaluations
- Board Approvals
- Anticipated NTP for Contract Work (Administrative period): Anticipate issuance of on or about 8/31/2022

8. **DBE PARTICIPATION REQUIREMENT**

- 18.1% D/MBE Goal
- DBE Bid Document Submittals
- Good Faith Effort

9. **PERMIT FEES - NA**

10. **PROJECT SCOPE**

- ATCT Radio, Communication, and electronic upgrades complete:
 - Three (3) ATCT cab radio dispatch consoles (Supervisor, Local, and Ground) including the computerized touch entry devices (TED)
 - Voice Switching system controller
 - Two (2) primary and two (2) secondary VHF radio transceivers
 - Digital voice announcer and VHF transmitter for Automated Terminal Information System (ATIS)
 - Voice recorder and audio logging system
 - DC power system and UPS units
 - Antennas, cables, and surge suppression devices
 - KVM drawer and shelf-mounted computer interface (laptop)
 - Master Clock system and secondary displays
 - Headsets with amplifier/cord sets with plugs
 - Hand-held microphones
 - Push-To-Signal handsets
 - Modifications to existing Air Traffic Control Tower electrical distribution system, complete Two (2) workstation computers including wired keyboards/mice, monitors, KVM switches, UPS units, power strip surge protectors, LED task lights, and a laser printer
- ATC signal light
- Tunable backup radio transceiver, power supply, and antenna.
- Five (5) heavy-duty 24/7 electrostatic discharge (ESD) operator console

11. **CONTRACT TERM AND COMPLETION SCHEDULE**

NTP 1 Administrative Activities Period	30	Calendar Days
NTP 2 Material Procurement Period	120	Calendar Days
Construction Period	30	Calendar Days
<u>Substantial to Final Completion (close-out)</u>	<u>30</u>	<u>Calendar Days</u>

Total (Calendar Days are Cumulative and include holidays)

210 Calendar Days

Work Hours (Construction)

11:00 PM – 6:30 AM, Sunday Night through Friday Morning

Normal Operating hours of the ATCT are 7 AM to 11 PM local time. Work in the ATCT Cab may commence after 11 PM provided ATC operations have ended. The ATCT Cab shall be vacated by 6:30 AM each day.

Work requiring service interruptions shall be carried out overnight. Any work completed during the day must be discrete and unobtrusive to Tower operations. No work will be permitted in the ATCT Cab when ATC operations are active.

30-Day Administrative Period (Preliminary Work Tasks – Article 3 “Contract Time”)

- Material and Equipment List
- Material and Equipment Shop Drawings, Cut Sheets
- CPM Schedule with Critical Milestones
- Schedule(s) of Values (Lump Sum Items)

120 Calendar Day Procurement Period (material long lead times)

- Furnished Materials; Article 5 - “Method of Billing and Payment”
 - Materials submitted for payment must be stored on-site. Refer to the contractor documents for requirements to store materials on site.

Liquidated Damages (Bid Form – Pg 5)

- Project Administrative Period (30 calendar days from NTP) - \$250.00/day
- Airfield Re-opening - \$500.00 per 15-minute interval
- Substantial Completion (30 calendar days from construction NTP) - \$500.00/day
- Final Completion (30 calendar days from Substantial Completion) - \$250.00/day

12. BID FORM (BF Pg 4.1)

- Base Bid (basis for award) – Lowest total Bid.
- Mobilization – 10% cap
- General Allowance Account T&M; direct reimbursement on approvals (Spec. Sec. W-103)
 - General allowance of \$25,000 as shown on the bid for must be included in the bid total.

13. Performance Bonds, Payment Bonds, and Insurance Requirements

- Performance Bond and Payment Bond – Article 4, General Conditions
 - Refer to the Bid Form for requirements.
 - Insurance Requirements – Article 7, General Conditions
- Insurance standards can be found here under BRAA Insurance Standards:
<https://bocairport.com/documents/>

14. BID DOCUMENT CLARIFICATIONS/REQUESTS FOR INFORMATION

All questions pertaining to design and construction must be in writing.

E-mail all questions to: Travis Bryan, Airport Operations Director travis@bocairport.com

Last date to submit questions is Tuesday, July 26, 2022; 2:00 PM EST

15. SAFETY AND SECURITY – Security badges are required to operate on the Airport Operations Area (AOA). Cost per badge is \$25 dollars per badge and shall be considered incidental to the work bid.

16. CONTRACTOR QUESTIONS/CLARIFICATIONS – OPEN DISCUSSION

16.1. **What are the limits of the new electrical scope?**

A: Two (2) new 20 A circuits from existing electrical panel L1. Refer to sheet E102.

16.2. **Delivery and storage of materials.**

A. Materials delivered to the site by the Contractor maybe stored in a secure container provided by the Contractor and as coordinated with the Owner. If there are sensitive materials (electronic equipment) required to be stored in conditioned space the Contractor shall coordinate space requirements with the Owner prior to delivering the materials to the site.

16.3. **Are the KVM drawer and Laptop in the equipment room associated with the voice switch?**

A. It is the designers understanding that the KVM drawer provides access to the audio logging server whereas the laptop is interfaced between the voice switch and ATIS.

16.4. **Is there a preferred manufacturer or model for the voice switch?**

A. No, the specification is open. Of the manufacturers listed in the specification, the equivalent product of another may also be proposed.

16.5. **Many manufacturers of voice switch equipment currently have long lead times (10 months+). his is an FDOT funded project, there is no FAA funding for this project. Buy American provisions do not apply.**

A. Note that this is an FDOT funded project, there is no FAA funding for this project. Buy American provisions do not apply.

16.6. **Are General Dynamics Version 2 radios acceptable?**

A. Yes, General Dynamics CM-300/350 (V2) Air Traffic Control Radios are acceptable.

16.7. **How should alternates/substitutions be identified in the bid?**

A. Please submit proposed material alternates/substitutions for approval prior to bidding.

16.8. **Are site walks available?**

A. Yes, please contact Travis Bryan, Airport Operations Director travis@bocaairport.com to arrange a site walk through, airport business hours are M - F 8 am to 4:00 pm.



Boca Raton Airport Authority, ATCT Radio Communication and Electronic Upgrades
Ricondo & Associates, Inc., Reynolds Smith and Hills
Pre-Bid Conference: Sign-In Sheet
BRAA Admin Building Conference Room – July 14th, 2022

Note: Meeting may be recorded for purposes of creating accurate meeting minutes. Please advise at the start of any objections.

	Attendee	Organization	Phone	Email Address	Present?
1	Clara Bennett	BRAA	561.391.2202	Clara@bocaairport.com	No
2	Scott Kohut	BRAA	561.391.2202	Scott@bocaairport.com	Yes
3	Travis Bryan	BRAA	561.391.2202 x210	Travis@bocaairport.com	Yes
4	Robert Pratt	BRAA	561.391.2202	@bocaairport.com	Yes
5	Pete Ricondo, PE	Ricondo	305-260-2727 x251	Pricondo@ricondo.com	No
6	Bryce A. Wagner, PM	Ricondo.	NA	Bwagner@ricondo.com	No
7	Jim Pangburn, PE, PSPS	RS&H	904.256.2348	Jim.Pangburn@rsandh.com	No
8	Robert Fletcher, PSP	RS&H	904.256.2526	Robert.Fletcher@rsandh.com	Virtual
9	Ramon Palomino	Collins Aerospace	954-993-5661	Ramon.Palomino@collins.com	Yes
10	Nathan Bourgeois	Robinson Aviation			Virtual
11	Tony Roetzel	Robinson Aviation			Virtual
12	Melissa Markel	Robinson Aviation			Virtual
13	David Bonney	ACG Systems	410.980.3707	dbonney@acgsys.com	Virtual
14	Charles Smith	CNC Navtech			Virtual
15	Aaron McIlrath	Communications International			Virtual
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