



## NOTICE TO ALL BIDDERS

### ADDENDUM NO. 3 TO TUCSON AIRPORT AUTHORITY RYAN AIRFIELD

#### 20119088 RYAN ATCT EQUIPMENT REPLACEMENT

May 8, 2024

In accordance with the Bid Documents, Bidders on the above-referenced project are hereby notified that the following Addendum, dated May 8, 2024, shall be made a part of the Bid Documents. The Bidder shall acknowledge receipt of this addendum on the Bid Form.

#### QUESTIONS/ANSWERS:

1. Under Bid Schedule #3 the language reads: "Procure, tune, install, and integrate new ED-137-capable VoIP transmitter/receiver pair radios, Main-only for Ground and both Local Frequencies in the ATCT equipment room and transmitter, Main-only for the ATIS/AWOS frequency. The ATIS transmitter is located in the power vault adjacent to the ATCT." There is no mention of the backup, emergency radios under this line or any other. Should pricing for the backup emergency radios be included with Bid Schedule #3?

Yes. The tower project requires replacement of the Backup Emergency Radios under 2.10. Please quote 2 ea, Jotron 910 or equivalent with charging stations and 2 spare battery packs, microphones and portable antennas for each.

2. Under Bid Schedule #8 the language reads: "Remove existing Liberty Star Vice Switch-three positions." Is the intent that the Liberty Star equipment be removed from the tower completely or only disconnected?  
The Liberty Star will be removed completely and replaced with Frequentis 3020x or equivalent, 3 position ED-137-capable VCCS with UPS. At this time the removed LibertyStar system will be removed and left with Tucson Airport Authority for Disposition.
3. For any equipment to be removed (i.e. radios, cabling, antennas, VCCS) is the assumption that the removed equipment will be left onsite by the contractor and disposed of by the airport?

Yes. All equipment is property of the airport for resale or disposal. Any removed cabling or unserviceable material will be disposed of by contractor.

4. If SOW outlined on the bid schedule is to be performed under general SOW elsewhere (i.e. Bid Schedule #8, #10, and #12 will be performed under Bid Schedule #1) should those schedule items be combined?

No. No schedules should be combined. If there is a zero cost value for a schedule because a bidder is pricing it under another Schedule SOW please note that.

5. Does antenna cabling for A/G radios need to be plenum rated?

Antenna radio frequency (RF) cabling needs to be plenum rated if it passes through a subfloor, wall or ceiling plenum. Since the cab ceiling is for return air it is a plenum. Any cabling above the suspended ceiling shall be plenum rated.

6. Is there a planned shutdown period for the tower for installation? If so, how long is the planned shutdown period?

The existing tower is a functional ATCT and shall remain completely operational during normal hours until final cutover occurs. ATCT hours of operation are from 0600-2000Z.

7. Is there an existing backup weather system? If not, is there a roof penetration available for that system?

Currently, there is a roof-mouted weather system on the south side of the cab roof. Penetrations in the roof are through weatherheads on the north side of the cab roof.

8. Will all connections to the recorder be via existing analog connections? Are existing phone systems analog, SIP, digital, etc? Connections to new recorder will be determined based on new equipment provided .Existing voice recorder is analog

9. Under section 2.5 regarding antenna installation, the language reads: "Contractor shall provide and install six (6) VHF dipole antennas, DPV-35 or similar, and three (3) antenna mounts." Why are only 3 mounts called for with 6 antennas required? Do you mean 3 new or replacement mounts for on top of the cab?

Three new antenna mounts in addition to the three currently installed.

10. Is there existing conduit to run cabling for antennas for backup emergency radios that are to be kept in the cab?

Yes, conduit exists to route backup emergency radios to the roof from the cab. The route is in the ceiling area above the cab to the weatherheads on the roof.

11. Are the existing radio racks to be reused or are new racks to be provided? This question applies to both the vault and the 5<sup>th</sup> floor equipment room.

The equipment racks will be reused for the new radios. It is assumed the Voice switch will be self-contained in a new rack in the vault. . Radios must be replaced during hours the tower is not in operation to prevent down time and interruptions to AT operations.