



Request for Proposals (RFP)
ADDENDUM NUMBER TWO (2)
DATE: April 22 , 2025

PROJECT: Radio System Replacement
Birmingham-Shuttlesworth International Airport
Birmingham, Alabama

From: Birmingham Airport Authority (BAA)
5900 Messer Airport Highway
Birmingham, Alabama 35212

To: All Participants

General:

This addendum will form a part of the RFP and modifies the original Request for Proposals (RFP) document. The following changes take precedence over items in the RFP. Any portion of the RFP not changed by this Addendum remains in effect. Recipients of the Addendum are advised to provide this Addendum to anyone to whom they further distribute without the BAA's knowledge.

Participants in this RFP are required to acknowledge receipt of this Addendum in their proposal. Failure to do so may subject Proposer for disqualification.

ADDITIONAL INFORMATION/CLARIFICATIONS/DESCRIBED BELOW:

1. **Question:** Make, Model, and Version of the PBX Telephone system

Answer: We do not have a PBX telephone system.

2. **Question:** Record PBX Stations?

Qty of 2-wire Analog Telephones to record?

Qty of 2-wire Digital PBX Stations to Record and Model number?

Qty of VoIP PBX stations to record and model number?

Answer: Does not apply since we do not have a PBX station.

3. **Question:** Record Trunks?

Qty of Analog C.O. lines/ Trunks to record?

Qty of T1/E1 or PRI circuits to record?

Qty of SIP Trunk Channels to record

Answer: Does not apply

4. **Question:** Hosted VIP System?

Qty of Hosted VoIP Stations to record?

Make and Model of Hosted IP phones?

What Codecs used on the Hosted IP phones?

Is a SPAN port available from Provider?

Answer: Hosted VIP System is Mitel.

Qty of Hosted VoIP Stations

The make and model are Mitel 485G

All Codecs being used in several different profiles:

G722/8000

BV32/16000

L16/8000

PCMU/8000

DVI4/8000

iLBC/8000

BV16/8000

G729/8000

PCMA/8000

SPAN port is not available.

5. **Question:** I understand this means connecting the console to the dispatch telephone set to operate through the dispatcher's headsets. Is this correct?

Answer: Affirm

6. **Question:** Will the BAA allow another brand of console that meets or exceeds the specifications of the AVTEC be offered?

Answer: Affirm

7. **Question:** If I understood in the pre-bid, this means interface to the new radio system using at least 22 channels (talk-groups). Is this correct?

Answer: Affirm

8. **Question:** Is the BAA requesting a logging recorder to be provided by the vendor?

Answer: Affirm

9. **Question:** If I understood in the pre-bid, BAA is requesting a UHF DMR radio system that can be converted to P-25 if requested without hardware change (firmware upgrade with radio licensing. Is this correct?

Answer: Affirm, the system needs to be able to utilize the current P25 radios from BFRS and BPD

10. **Question:** Is the above a correct interpretation of the intent of the BAA to connect with other systems?

Answer: Affirm

11. **Question:** If I understood in the pre-Bid, BAA is asking for text messaging from console to radios. Is this correct?

Answer: Affirm

12. **Question:** We would request a floorplan of the airport for signal level testing.

Answer: Can be provided to the vendor that is awarded the project.

13. Question: What is the manufacture / model number of the current antennas currently being used?

Answer: Unknown

14. Question: What is the coaxial cable type and approximate cable length of the runs.

Answer: Type LMR Coaxial Cable. Length is approximately 100'

15. Question: If the talk groups are on the console system, which ones and how many licenses to record phone system and how many lines?

Answer: 6 talk groups already on the system. Three (3) phone lines

16. Question: Avtec Endpoint specified by the Customer. 22: Are all these radio endpoints?

Answer: Unknown, endpoints vs channels. We are looking to have 22 channels to talk on per radio.

17. Question: Do they want to reuse the existing CAP+repeaters, antennas, base station radios and vehicle mounted units?

Answer: Reuse the current repeaters

18. Question: Is it going to be Multi site since they mention in the project description "UHF DMR Simulcast Radio System". Simulcast is not the proper term but does allude to more than one site.

Answer: Negative, just the one site

19. Question: "P25 capable" What exactly do they mean by this?

Answer: Can integrate with P25 radios such as fire and PD.

20. Question: How many lines are needed?

Answer: Three

21. Question: Do they want to integrate only thru the headset jack box? This would require working with their current phone system provider to have them give us the required integration for phone Tx/Rx audio and off hook signaling for call routing.

Answer: Affirm, through the headset jack box.

22. Question: Are UPS's to be included in the quote?

Answer: Yes

23. Question: How many I/O's are they wanting?

Answer: Unknown

24. Question: Will it directly network interface/connect to the existing access control system?

Answer: No

25. Question: Will it interface to the relay controller system?

Answer: Unknown

26. Question: Provide the interface to the Capacity Plus MotTrbo system with the ability to have at least 22 end points.

Answer: We are looking for 22+ channels per radio

27. Question: Are all the endpoints for talk groups? Are some of them for something else? If so, what?

Answer:

28. Question: Group Call, Private Call, All Call, or a combination of the three?

Answer: All three

29. Question: What are the service availability times. Example 24/7 x 7 days a week, 8-4:30 M-F?

Answer: 24/7

30. Question: What is going to be the required response time for service calls? Example 1 day after initial contact with us.

Answer: Depends on the issue, we may need immediate emergency call out (2 hours) or a scheduled call out (within 24 hours)

31. Question: Are they willing to provide us with remote access to the console system for the maintenance and support of the system?

Answer: Affirm, via VPN

32. Question: Please provide a code plug from the XPR7550e and the SLR5700

Answer: Unknown

33. Question: Clarification on Digital Paging – are you requesting the ability to send text messages to the portables from the Avtec console? Anything else?

Answer: Affirm, text from console. The ability to integrate with the upgraded paging system (TBD)

34. Question: What model is the P25 radio for Bham Fire/PD?

Answer: Motorola O5

35. Question: For the 24-month maintenance – do you require 24/7 service or is M-F 8am-5pm adequate?

Answer: M-F 8-5 but with an after hour and weekend hourly cost in case of an emergency

36. Question: How many phone lines do you want to record on the logging recorder?

Answer: Three

37. Question: What was the original purchase date of the XPR7550e portable radios?

Answer: 2017, but some have been procured more recently for replacements.

38. Question: Is BAA providing the network switches or should they be included in the bid?

Answer: Current switches will be reused

39. Question: What is the SIP PBX model # and firmware version?

Answer: Unknown

40. Question: Do you want headsets with the console? Any specific type or brand?

Answer: Affirm, headset will need to be included. Plantronics would be preferred, but we are open to your suggestions.