



**ADDENDUM #1
Boulder County Sheriff's Office
BCSO Land Mobile Radio Infrastructure Upgrade
RFI # 7480-23**

July 21, 2023

The attached addendum supersedes the original Information and Specifications regarding RFI # 7480-23 where it adds to, deletes from, clarifies or otherwise modifies. All other conditions and any previous addendums shall remain unchanged.

Responses will only be accepted electronically by emailing purchasing@bouldercounty.gov

Please note:

- 1) To access the files below, please fill out and return the non-disclosure agreement, attached separately, to purchasing@bouldercounty.gov.**
 - VHF site info for RFI.xlsx
 - BCCC VHF Receive.kmz
 - BCCC VHF Transmit.kmz\

- 2) The submittal due date has been extended to 2:00 p.m., August 18, 2023.**

1. Question: Request a 2 week extension to the RFI Due Date of August 4th, 2023 2:00pm Mountain time to, August 18th at 2:00pm Mountain time. Would Boulder County being willing to entertain this request

ANSWER: Yes – BCSO will change the final RFI Due Date to August 18, 2023, and 2:00 pm, Mountain Time.

2. Question: I wanted to inquire if you are planning on working with a consultant or are you planning to have direct bidding? If you are working with or have selected a consultant can you please provide me with their contact information?

ANSWER: There will not be a consultant. It will be direct bidding.

3. Question: Page 11 of RFI # 7480-23 states the following:

“The BCSO Communications Radio Shop handles FCC licensing internally and will provide guidance on frequency re-use of existing frequencies, licenses, and sites. Available site location information will be provided in separate KMZ files.”

Please provide the available site information (separate KMZ files) so we can begin the engineering process. Thank you!

ANSWER: Yes. This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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4. Question: Can you please provide us with the Bid Tabs in Excel Format?

ANSWER: This question does not apply to the BCSO Radio Shop.

5. Question: Can you please share the CAD Files for bidding purposes? Please include the Proposed and Existing surface XML Files.

ANSWER: There are no CAD drawings.

6. Question: What are the liquidated damages for the project?

ANSWER: This question does not apply to the RFI.

7. Question: BCSO Land Mobile Radio Infrastructure Upgrade (Cover page of RFI)\

Project timeline- when does BCSO plan to release the RFP?
When does BCSO plan to install new system?

ANSWER:

- **BCSO plans to release the RFPs in the first quarter of 2024.**
- **BCSO plans to begin installation of the new system as soon as feasible after the RFP process is completed in 2024. We will not be replacing the entire system right away. This is a multi-year phased project beginning in 2024 to be completed by 2030 at the latest.**

8. Question: BCSO Land Mobile Radio Infrastructure Upgrade (Cover page of RFI)

Would BCSO consider granting an extension to the Due date

ANSWER: Yes, see Question #1. The new RFI Due Date is August 18, 2023.

9. Question: Pg 2 Important Note: Boulder County is not soliciting quotes or services at this time. Rather, the County is seeking information to guide the County's development of a potential request for proposals (RFP) for related services.

On page 2 It notes that you are not soliciting quotes or services, however, On Page 11 - the RFP states "Pricing details should be broken down to each channel to be upgraded and not bundled together so that the project can be implemented over several years of funding cycles"

Do we need to submit pricing quote? Please advise

ANSWER: We are not expecting explicit quotes, but budgetary quotes for each phase of the RFI.

10. Question: Would Boulder County be willing to provide GPS Coordinates (or equivalent)? KMZ File?

ANSWER: Yes. This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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11. Question: Using Fog interop channels? If so, which ones?

ANSWER: We are not asking for any infrastructure technology information regarding NIFOG channels. This is beyond the scope of this RFI.

12. Question: RFI Element #2: VHF LMR System Upgrade - Shall the RFI include pricing/costs for new VHF antenna systems, including antenna, feedline, tower components, grounding, surge suppression and the like?

ANSWER: We are seeking budgetary information regarding all costs necessary to transform our system.

13. Question: RFI Element #2: VHF LMR System Upgrade - Shall the RFI include site work, including tower climbing/antenna mounting, site installation and the like?

ANSWER: Yes

14. Question: RFI Element #2: VHF LMR System Upgrade - Shall the RFI include ongoing maintenance programs and scheduled maintenance costs after the first year?

ANSWER: Yes, provided as budgetary line items

15. Question: RFI Element #2: VHF LMR System Upgrade - Shall the RFI include all RF filtering components, including VHF cavity duplexers, VHF transmitter combiners, VHF receive multi-couplers, and the like?

ANSWER: Yes

16. Question: RFI Element #2: VHF LMR System Upgrade - Shall the RFI include simulcast coverage analysis?

ANSWER: Yes

17. Question: RFI Element #2: VHF LMR System Upgrade - In migrating from a conventional system with many voting receive sites to a P25 simulcast system, the number of required voting receive sites will likely decrease significantly. Shall the RFI assume that roughly half the number of ***existing*** voting sites will be retained, or should all of the ***existing*** voting sites be retained?

ANSWER: The respondents are required to analyze the receive sites they deem pertinent and include in their responses.

18. Question: RFI Element #2: VHF LMR System Upgrade -

ANSWER: N/A

19. Question: Shall the RFI include new power plant and battery backup equipment to accommodate the proposed VHF System Upgrade?

ANSWER: Yes

20. Question: Who currently has ownership and maintains the existing LMR tower relevant to this project/RFI?

ANSWER: This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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21. Question: Will the BCO Land Mobile Radio Infrastructure upgrade be supported by any grant funding (federal, state, other)? If so, what is/are the grant program(s)?

ANSWER: Most likely, but funding is yet to be determined.

22. Question: What are the backhaul bandwidth requirements for the microwave sites? Do all of the microwave paths have a common throughout requirement or does each have its own throughput expectation? Are the microwave links licensed, unlicensed or both? Please provide details on spectrum being utilized for the microwave systems.

ANSWER:

- **Backhaul bandwidth requirements: This is information we look to the respondents to suggest in their proposed solutions.**
- **Microwave paths throughput expectations: This is information we look to the respondents to suggest in their proposed solutions.**
- **Microwave links licensing: Our history and preference are to remain licensed. However, respondents are free to suggest reasons that unlicensed may be advantageous.**
- **Spectrum: We currently use 6 GHz, 11 GHz, and 18 GHz.**

23. Question: What is the current channel usage/occupancy per user for Fire, Police, and EMS? How many concurrent voice paths are expected, by discipline, for Fire, Police and EMS? Any additional requirements for other non-Fire, Police or EMS (park & rec, facilities, etc.)?

ANSWER:

This information is included in the RFI.

24. Question: Can you provide a list of the Boulder County FCC authorizations and receive locations currently under consideration for the BCSO land mobile infrastructure upgrade?

ANSWER: Yes. The FCC authorization information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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Respondents should provide suggested requirements for additional receive locations.

25. Question: Page 11 of the RFI in "RFI Element #2: VHF LMR System Upgrade
"The BCSO Communications Radio Shop handles FCC licensing internally and will provide guidance on frequency re-use of existing frequencies, licenses, and sites. Available site location information will be provided in separate KMZ files."

Please provide the available site information (separate KMZ files).

ANSWER: This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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26. Question: Will there be 1 RFP or 3 separate RFPs for each individual element?

ANSWER: There will be three separate RFPs, one for each element of this RFI.

27. Question: Are you looking for any pricing with the information you are requesting?

ANSWER: See question #12. We are seeking budgetary information regarding all costs necessary to transform our system.

28. Question: Would Boulder County be willing to provide GPS Coordinates (or equivalent)? KMZ File?

ANSWER: This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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29. Question: Is there an existing conduit at Allenspark FS 5?

ANSWER: We don't understand the nature of this question.

30. Question: Can you provide a list of the three SO LAW and Fire multicast sites and the frequency they use today along with a list of the receive sites used for each channel of those that are outlined in Figure 1.

ANSWER: This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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31. Question: Same for the Simplex Channels outlined SO LAW2, SO LAW3, SO FIRE2, SO DATA and SO LTAC (Frequencies used today and the sites both TX/RX and receive only).

ANSWER: This information is available upon request and submission of a signed non-disclosure agreement. See attachments:

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Submittal Instructions:

Submittals are due at the email box only, listed below, for time and date recording on or before **2:00 p.m. Mountain Time on August 18, 2023.**

Please note that email responses to this solicitation are limited to a maximum of 50MB capacity.

NO ZIP FILES OR LINKS TO EXTERNAL SITES WILL BE ACCEPTED. THIS INCLUDES GOOGLE DOCS AND SIMILAR SITES. ALL SUBMITTALS MUST BE RECEIVED AS AN ATTACHMENT (E.G. PDF, WORD, EXCEL).

Electronic submittals must be received in the email box listed below. Submittals sent to any other box will NOT be forwarded or accepted. This email box is only accessed on the due date of your questions or proposals. Please use the Delivery Receipt option to verify receipt of your email. It is the sole responsibility of the proposer to ensure their documents are received before the deadline specified above. Boulder County does not accept responsibility under any circumstance for delayed or failed email or mailed submittals.

Email purchasing@bouldercounty.gov; identified as RFI # 7480-23 in the subject line.

All responses must be received and time and date recorded at the purchasing email by the above due date and time. Sole responsibility rests with the Offeror to see that their response is received on time at the stated location(s). Any response received after due date and time will be returned to the bidder. No exceptions will be made.

The Board of County Commissioners reserve the right to reject any and all responses, and to waive any informalities or irregularities therein.



**RECEIPT OF LETTER
ACKNOWLEDGMENT**

July 21, 2023

Dear Vendor:

This is an acknowledgment of receipt of Addendum #1 for RFI #7480-23, BCSO Land Mobile Radio Infrastructure Upgrade.

In an effort to keep you informed, we would appreciate your acknowledgment of receipt of the preceding addendum. Please sign this acknowledgment and email it back to purchasing@bouldercounty.gov as soon as possible. If you have any questions, or problems with transmittal, please call us at 303-441-3525. This is also an acknowledgment that the vendor understands that **responses will only be accepted electronically by emailing purchasing@bouldercounty.gov.**

Thank you for your cooperation in this matter. This information is time and date sensitive; an immediate response is requested.

Sincerely,

Boulder County Purchasing

Signed by: _____ **Date:** _____

Name of Company _____

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