



RFQ 791-18 Portable Radios

Addendum 001 Issued March 30, 2018

1. The specifications indicate that this will be a complete turnkey system; therefore, it is assumed that there will be additional items required not mentioned in the Specifications. **Yes**
 - a) Shall the portable radios be enabled with Phase 2 capability “out-of-the-box”, or, shall the radios be upgradeable to Phase 2 operation at a later date? Phase 2 operation is not currently in use on the DTR system in the Steamboat Springs area. **Out of the box**
 - b) You have specified the portable radios to be compatible with the 800 MHz State DTR system, however, the repeater is specified as an “800 MHz Analog & Digital (DMR) repeater”. DMR operation is not compatible with P25 digital portable radios. Is Colorado Mountain College seeking an 800 MHz P25 Conventional repeater instead? A P25 Conventional repeater is capable of operating in digital, non-trunked (conventional) and analog modes. **800 MHz P25 digital portable radios**
 - c) A fiberglass antenna and 800 MHz duplexer have been requested in the Specifications. In order to make this a turn-key system, additional items will be required, for example, hardline coaxial cable, building entry port, grounding, lightning suppression, antenna mounting (e.g., non-penetrating roof mount). Will the supplier be expected to provide these items and include them in the bid response? Or, will Colorado Mountain College provide these additional items separately prior to the installation of the system? If the supplier is to provide these additional items, which line item on the bid sheet does Colorado Mountain College prefer to see these items? **Yes supplier will provide. Make separate line item**
 - d) Will Colorado Mountain College provide a rack for the equipment to be installed? Or, is the supplier expected to mount all necessary equipment in a rack and ship the equipment fully racked? If the supplier is to provide a rack, what rack height is preferred? In lieu of a floor-mounted rack, is a wall-mounted rack a consideration? Or, is a rack and/or racking not required for this response? **No 6'**

- e) It is assumed that the repeater will be powered via 110 VAC service. Is battery backup operation desired? If so, how many hours of battery backup operation is desired? **Yes 4 hours**
- f) Is Colorado Mountain College seeking full installation services as part of the bid response? Shall the supplier arrive on site, install the equipment and commission it into service? Or, is Colorado Mountain College seeking to procure the individual items and installing with in-house technicians or outside contractors? **Supplier arrive on site install and commission it into service**
- g) Will there be an opportunity for a site survey to determine the scope of the turnkey installation requirements, prior to the RFQ due date (April 6, 2018)? **Yes**
2. Is it acceptable to include necessary items such as antenna cable, connectors, jumpers, and assorted hardware required for your project in the Notes for each Part#/Description? Or should those be listed as separate items on an attached page? I see all the major components are listed but all the things that connect them to each other are not listed. **Acceptable to include necessary items for each Part # Description**
3. What is the desired transmitter output power? **Legal power lower Amp**
4. Please confirm that the repeater is the DMR radio protocol, and not the P25 protocol specified for the portable radios. **We will need both**
5. Please confirm that "FCC License" is the fee to assist with frequency coordination and licensing. **Frequency coordination and licensing**
6. Please confirm that "Programming radios" refers to the repeater station programming. **Yes**
7. Please indicate if "programming radios" further applies to the Quantity 14 portable radios to be placed on the State DTRS system. **Yes**
8. Please provide further information regarding "quantity 4" of services. **We want all radio's in tested and in working order.**
9. Are the 800 MHz portable radios that are being requested replacing any current radios? **Yes**
10. Specifically how will the radios be used on a day to day basis? **Day to day usage. and in case of emergencies**
11. More to the point, are your hopes to be able to use the Analog/Digital (DMR) side of the radios for day to day use but then to be able to use the same radios for use on the DTR State-wide system as needed? **Yes**
12. Have you requested a talk group on the State-wide DTR system for the 14 radios or do you already have approval? **No**

13. Are you requiring that the radios have the Phase 2 Trunking active now or do you just need the radios to have it available/capable? **Active now**
14. How long is the anticipated cable run from where the repeater will be housed to where the antenna will be mounted? **Estimate 200'**
15. Can you provide pictures or any other information about the anticipated installation site? **Everything will be located in the SB Academic Building.**
16. Can dealers submit more than one bid if they are offering different solutions? **Yes**