

Addendum 1 RFP 2021-001 Town of Milford P25 Radio System

PROPOSERS must acknowledge this Addendum in your proposal cover letter.

The Town of Milford removed the requirement for the mandatory pre-proposal meeting.

Revised Appendix D Pricing Pages (Town of Milford RFP 2021-001 P25 Radio System Appendix D_Addendum 1.xlsx) are provided with this Addendum 1.

Proposal Due Date remains October 7, 2020. The Town desires proposals are received no later than 4:00 pm.

Pre-proposal Questions and Answers

1. Is it possible to get a Microsoft Word version of RFP?

Answer: Yes, a Word version of the RFP has been posted to the Town of Milford website.

2. Can we use our detailed compliance matrix in place of or in addition to the Compliance Matrix required in the RFP?

Answer: You may submit anything above and beyond what is required in the RFP; however, the RFP Appendix B Compliance Matrix, in Microsoft Excel, is a required submission.

3. Does the Town have a budget for this project or identified funding sources?

Answer: The Town does not have a defined budget at this time. Our expectation is this Competitive Procurement will provide an advantageous price to the Town, which will be the basis of a warrant article in March to bond and pay for the system.

4. Are newer technologies for microwave network acceptable?

Answer: Yes, any technology that meets or exceeds the RFP requirements is acceptable.

September 2nd Submitted Questions and Answers

5. 1.2 Project Overview - Please provide the list of any VHF allocated and/or licensed frequency pairs by the town.

Answer: The table below lists the VHF frequencies that are currently licensed by the Town of Milford.

| License Holder | USE | FCC Call Sigr | Frequency | Type | ERP | Location |
|----------------------|----------------------|---------------|-----------|------|-----|----------------------------------|
| Town of Milford | Milford EM 1 | WQAW924 | 159.1275 | FB | 50 | Town Hall Union Square |
| Town of Milford | Milford EM 1 | WQAW924 | 153.8525 | MO | 25 | 32 KM area around Town Hall |
| Town of Milford | Milford EM 2 | WQBD242 | 159.1725 | MO | 5 | 32 KM area around Fire Station |
| Town of Milford | Milford EMS 3 | WPWW414 | 151.055 | FB | 50 | Town Hall Union Square |
| Town of Milford | Milford EMS 3 | WPWW414 | 151.055 | MO | 50 | 32 KM area around Town Hall |
| Town of Milford | Milford EMS 3 | WPWW414 | 151.055 | FB | 50 | 66 Elm Street |
| Town of Milford | Milford EMS 3 | WPWW414 | 151.055 | MO | 50 | 32 KM area around Ambulance |
| Town of Milford | Milford EMS 4 | WPWW414 | 159.060 | MO | 50 | 32 KM area around Town Hall |
| Town of Milford | Milford FD 1 (Rx) | WQBD242 | 156.0675 | MO | 25 | 32 KM area around Fire Station |
| Town of Milford | Milford FD 1 (Tx) | WQBD242 | 154.3700 | FB2 | 50 | Milford Fire Station |
| Town of Milford | Milford FD 1 (Tx) | WQBD242 | 154.370 | MO | 25 | 32 KM area around Fire Station |
| Town of Milford | Milford FD 3 | WQBD242 | 158.9925 | MO | 5 | 32 KM area around Fire Station |
| Town of Milford | Milford FD 4 | KDA383 | 154.190 | FB | 30 | Town Hall Union Square |
| Town of Milford | Milford FD 4 | KDA383 | 154.190 | MO | 25 | 24 KM area around Town Hall |
| Town of Milford | Milford OPS | WQAW924 | 159.1275 | MO | 25 | 32 KM area around Town Hall |
| Town of Milford | Milford PD 3 (TAC 2) | KNHV346 | 154.025 | FB | 100 | Town Hall Union Square |
| Town of Milford | Milford PD 3 (TAC 2) | KNHV346 | 154.025 | MO | 100 | 32 KM area around Town Hall |
| Town of Milford | Milford EMS 1 | KNHV346 | 155.100 | FB | 100 | Town Hall Union Square |
| Town of Milford | Milford EMS 1 | KNHV346 | 155.100 | MO | 100 | 32 KM area around Town Hall |
| Town of Milford | Milford EMS 1 | WPWW414 | 151.100 | FB | 50 | 66 Elm Street |
| Town of Milford | Milford EMS 1 | WPWW414 | 151.100 | MO | 50 | 32 KM area around Ambulance |
| Town of Milford - PD | ? | WDB352 | 154.650 | FX1 | 100 | 19 Garden Street |
| Town of Milford - PD | ? | WDB352 | 154.650 | MO | 110 | 32 KM area around Police Station |
| Town of Milford - PD | Milford EMS 1 | KNHB592 | 155.100 | FB | 90 | 19 Garden Street |
| Town of Milford - PD | Milford EMS 1 | KNHB592 | 155.100 | MO | 110 | 32 KM area around Police Station |
| Town of Milford - PD | Milford PD 1 | KCD463 | 154.875 | FB | 132 | 19 Garden Street |
| Town of Milford - PD | Milford PD 1 | KCD463 | 154.875 | MO | 100 | 40 KM area around Police Station |

6. 1.2 Project Overview - Can you provide the call signs of the current VHF conventional and paging system?

Answer: The calls signs are provided in the answer to question #5 above.

7. 7.2 Existing Connectivity Network - Please provide a layout/drawing of the current fiber network.

Answer: There is existing Town fiber between the Milford Fire Station and the Town Hall, and between Town Hall and the Milford Police Station.

8. 6.8 Logging Recorder - Can you please provide the make, type (e.g. VoIP, Analog, or Digital) model and number of lines for the Admin and 911 lines to be supported on the logging recorder?

Answer: There is currently no existing logging recorder. A new logging recorder shall meet the RFP Section 6.8 Logging Recorder requirements. The expected number of 911 and administrative phone lines at both Milford Police Department and Milford Fire Department shall be 10.

9. 6.8 Logging Recorder - The logging recorder shall provide redundant equipment such that there are no single points of failure. Can you elaborate on the redundancy required for the logging recorder?

Answer: The logging recorder shall meet the RFP Section 6.8 requirements.

10. 4.4.4 Coverage Acceptance Testing - Section 4.4.4 states the criteria for passing a test tile. The audio quality requirements described here differ from what the TSB 88 DAQ3.4 specifications are. Can the town change these requirements to the DAQ3.4 Audio quality specifications as per TSB 88?

Answer: Coverage Acceptance Testing shall meet the RFP Section 4.4.4 requirements.

11. 6.1.3 Frequency Plan and Traffic Loading Analysis - Requirements specified in Section 6.1.3 typically apply to the trunk system designs. Can the Town please remove these requirements and specify the number of channels required?

Answer: Frequency Plan and Traffic Loading Analysis shall meet the RFP Section 6.1.3 requirements.

12. 6.8 Logging Recorder - Can you please provide the make, type (e.g. VoIP, Analog, or Digital) model and number of lines for the 911 lines to be supported on the logging recorder at Milford FD location?

Answer: Refer to answer provided to question 8.

13. 4.7.5.6 How many personnel require radio system maintenance training?

Answer: Please provide pricing for one radio system maintenance person.

14. 4.7.5.7 How many personnel require connectivity network maintenance training?

Answer: Please provide pricing for one connectivity network maintenance person.

15. 4.8.8 Typical turnaround for depot repairs is 14 days, not including shipment time. Should vendors price expedited service to attain 10 days?

Answer: Please provide all costs to meet RFP Section 4.8.8 requirements.

16. Table 6-1 How many mobile users also have portable radios?

Answer: This information is not currently available.

17. Table 6-1 How many shifts and how many users per shift does the Town operate?

Answer: Detailed information is not currently available; however, general information can be found in the Final 911 Communications Dispatch Center and Radio Needs Assessment (to be posted with this Addendum 1) on Town's website for your consideration.

14. 6.2.10 Our understanding is that two control stations are supporting up to 16 channels each via tone remote. Is this the way it will be supported in the future? Can we assume that these will be installed at the new Police Dispatch Center so that new Control Stations are required?

Answer: The interoperability channels listed in Table 6-3 are required for mutual aid with surrounding agencies at the Dispatch Center and for field radio users. The proposed response shall include a solution that allows these interoperability channels to be patched to a Milford radio channel.

15. 6.6 Please clarify paging requirement. Is paging over P25 conventional channels desired or does the Town want two analog paging channels over separate VHF channels (155.100 & 154.370 as examples)? If digital paging is required, can the Town confirm with P25 pagers, paging over a talkgroup on one or more of the channels is acceptable i.e. no separate paging channel is required?

Answer: It is the Proposer's responsibility to select the paging methodology that best suits their system design, while meeting the RFP Section 6.6 VHF Paging System requirements.

16. 6.7.2.6 What specifically does the Town require to come across the CAD interface from the system? E.g., status, emergency and/or location.
Answer: The Town desires to have emergency declarations and GPS location data interfaced to the CAD system.
17. 6.8 Can the Town provide more detail on the interfaces needed for the logging recorder over and above those needed to record over the air transmissions e.g. telephony?
Answer: The Town requires the recording of all radio system voice transmissions, all telephone lines (administrative and 9-1-1 trunks), and all interoperability channels.
18. 6.9.5 Does the Town require a complete Network Management System for microwave or can summary alarms be reported to the LMR NMS with web access to the system for fault management?
Answer: The proposer's response shall meet the RFP Section 7.4 Connectivity Network NMS requirements.
19. Are there any plans for the Town (or Cellular Carrier) to build a new tower at the new Dispatch Center? If so, can the Town provide more information?
Answer: For this RFP all costs for towers needed to provide a public safety grade radio system shall be included in your proposal.
20. 7.3 Is the Town open to other backhaul options other than dark fiber and/or microwave?
Answer: The Town will evaluate all backhaul options that meet the requirements described in RFP Section 7.
21. 8.17 Where does the Town want antennas mounted for backup control stations at the Police Department Dispatch Center?
Answer: The proposed system design shall include all necessary control station antenna configurations to provide backup activation of the repeaters at all tower sites from the Milford Dispatch Center.
22. What will be furnished by the Town at the dispatch center? E.g. power, UPS, branch circuits, space, generator, cable duct/chases and HVAC as examples.
Answer: The Town will provide electrical connections, building UPS and Generators, building HVAC, and space in an equipment room. All other site work shall be included in your proposal. All contractor equipment needs (power, space, etc.) for Dispatch Center equipment shall be described in the Proposer's submission.
23. We respectfully request a one week extension.
Answer: An extension will not be granted at this time.
24. 4.3.6 Relocation of Existing Equipment. The CONTRACTOR shall assist Milford in identifying existing equipment that must be relocated or removed to accommodate new equipment required by this RFP. The CONTRACTOR shall pay any expenses related to existing equipment relocation or disposition of property. If there is any relocation of existing equipment, it must be approved by Milford prior to relocating. Does Milford have an idea or know how much equipment that needs to be relocated if any?
Answer: The design and resulting reuse of equipment is at the discretion of the Proposer therefore Milford does not have a response to this question.

25. 4.3.9.2 Permanent Electrical Power. For a new site (greenfield), the CONTRACTOR shall pay all installation fees for electric power (in Section 9) and electric bills until system acceptance. Is there currently power at where the new sites may be? If not how far away is the closest power source to the new site or sites?

Answer: New site location(s) is at the discretion of the Proposer therefore Milford does not have a response to this question.

26. 4 On-the-Job Training. Milford's technicians may work alongside with the CONTRACTOR'S personnel during installation, configuration, testing, and warranty during this project. We have no problem with Medford technicians being with us during all aspects of the project. However due to liability issues the Medford technicians cannot physically have hands on assistance during the actual installation. Is this acceptable?

Answer: Milford finds this acceptable.

27. 6.1.1 P25 Conventional Radio System. The Town of Milford is planning to upgrade to a new VHF P25 conventional radio system that meets Project 25 standards. To supplement radio coverage the CONTRACTOR shall install Digital Vehicular Repeaters (DVR's) in public safety vehicles. Dispatch consoles shall be installed at the new dispatch center that will be built at the Milford Police Station as described in Section 6.7 below. Each proposal shall provide radio coverage analysis, traffic loading analysis, and meet all requirements described in these specifications. 1. Is there an estimate on how many DVR's will be installed in Public Safety Vehicles or do we assume all mobiles will have a DVR in them? 2. Would Medford consider a P25 Conventional simulcast trunking solution as an option?

Answer: All quantities are identified in Appendix D Price Proposal Workbook (Excel file can be download from the Town of Milford website). **Milford** will consider all system designs that meet the functional requirements of the RFP.

28. 6.2.1 System Identification Codes. The system shall utilize digital system ID codes to prevent interference between systems of like protocol. The PROPOSER shall guarantee that it will not assign the same unique system ID to any system other than Milford's for the life of their system. Are you referring to WACN code which is a trunking feature?

Answer: The system ID code is referring to the P25 system ID that is a unique system ID, not reused within the State of New Hampshire.

29. 6.2.4 Denial of Access. The system shall deny access to selected units under the control of the system manager. When a unit is denied access to the system, that unit shall not be able to transmit to the system on any channel and it shall not be allowed to receive any operational voice or data traffic from the system on any channel. The unit shall monitor the radio channels to allow reactivation by the system manager. This is generally a trunking unique feature. Is this a feature you require on a P25 conventional system?

Answer: This is a required feature.

30. 6.2.5 Unit Disable. The system shall remotely disable compromised units under the control of the system manager. When a unit is disabled, that unit shall not be able to operate until reprogrammed. Once disabled, the unit shall not monitor the radio channels to allow reactivation by the system manager. Same question as (29) 6.2.4. This is generally a trunking unique feature. Is this a feature you require on a P25 conventional system?

Answer: This is a required feature.

31. 6.2.10 Interoperability Channels. Milford Interoperability Channels shall be required with the consoles as listed below in Table 6-3. In Table 6-3 it shows 27 agencies that need to be on the console. Is it acceptable to have multiple agencies on 1 control station that the console controls and has the ability to change the channel on the control radio?

Answer: Refer to answer provided to question 14.

32. 6.6 VHF Paging System. How many pagers will be needed?

Answer: All quantities are identified in Appendix D Price Proposal Workbook (Excel file can be download from the Town of Milford website).

33. 6.7.2.6 CAD System Interface. The console system shall be equipped with hardware and software interfaces to the Milford IMC computer-aided dispatch (CAD) systems to enable the CAD systems to display unit ID and status (and any other available information) from the radio system. What CAD solution is being used?

Answer: The Town of Milford has not selected a CAD vendor at this time.

John Shannon, Administrator Town of Milford