

CITY OF NEWTON, MASSACHUSETTS
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June 3, 2022

ADDENDUM #3
INVITATION FOR BID #22-75

LAND MOBILE SIMULCAST RADIO SYSTEM FOR NEWTON POLICE & FIRE
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THIS ADDENDUM IS TO: ANSWER THE QUESTIONS BELOW:

Q1. Can the City of Newton confirm the accurate make and model # of the antennas at each Newton RF site as well as the type of cable and length at each RF site?

A1. All of Newton's primary transmitting sites utilize RFI's CC450-06-P antennas. The longest cable run is roughly 330' at one site (1.25" coax) while the other sites average between 100-150' runs (7/8"). For short runs less than 50 feet 1/2 inch was utilized.

Q2. Can the City of Newton clarify if DC plants or UPS units are required at receiver only sites? This is referenced on pages 16 & 18 of RFP.

A2. Newton will defer to the vendor to provide their best solution based on the anticipated load. Newton understands that there may be efficiencies provided by using a UPS vs DC Plants in both cost and runtime. Newton has generator-based power at each site and requires a UPS / DC Plant run time of 2 hours.

Q3. Can the exact specifics of the modifications required for the Newton Fire FCC license Call Sign # KYD496 be specified?

A3. No modifications for KYD496 are required. The modification that needs to be completed is adding one location to the frequency 470.8375 under KZA726. The location that needs to be added is the location listed as #2 on the FCC license. This was unable to be done due to T-Band freeze which is no longer in effect.

Q4. Can the City of Newton elaborate on what is meant by the storage of all the system's parameters?

A4. Assuming the author of the question is referencing the PDF page 16 of RFP 22-75 2nd paragraph, this means that the device stores all the programming required for its operation. It does not need to reach out to another system to retrieve operating instructions before performing its intended duties.

Q5. Are GPS reference standards required at the non-simulcast receiver only sites?

A5. Yes.

Q6. Can the City of Newton confirm what is meant by "atomic type" as referenced in the GPS requirements?

A6. If vendor is proposing a solution which uses an external GPS reference it should use two standards – off air gps and a technology like rubidium as a backup.

Q7. There wasn't a reference to system logging in the RFP; is logging required as part of the new system network or will existing logging equipment be used?

A7. System Logging is required.

Q8. Can the City of Newton confirm the exact specifics of the existing network monitoring system?

A8. No existing system exists and should be included as part of RFP. The network equipment in use is Juniper.

Q9. Obtaining all permits and licenses pertaining to the system implementation including any changes that may be required to the existing FCC licensing of the radio system. The Contractor will be required to provide all parameters, certifications, and other information necessary to obtain such permits and licenses.

A9. Yes

Q10. Can the City of Newton clarify the permits the Radio Vendor is responsible for obtaining? Since the site work is the responsibility of the city, we wanted to confirm exactly what is being requested as part of this item.

A10. Newton does not anticipate the need for permits considering site work is Newton's responsibility. One of our sites is at Newton Wellesley Hospital. There may be a process that needs to be gone through with the hospital. Newton will work with the vendor and the Hospital if issues arrive. Hospital has own staff for electrical work which they would use to complete any required integration and they would be responsible for pulling required permits.

Q11. Install UHF antenna and GPS Antenna –Fire #7 (1).

**A11. Answered in Addendum already,
<https://www.newtonma.gov/home/showpublisheddocument/84242/637867605717570000>**

Q12. Is the installation of the UHF antenna and GPS antenna and GPS antenna at Fire Station 7 the responsibility of the City of Newton or the Radio Vendor? There is language in another section of the RFP that references this as the responsibility of the City of Newton, MA.

A12. See Q11 above.

Newton wishes to note on page 19 of the PDF the Frequency Band is incorrectly listed as 450-470. All frequencies involved are 470-490. The base station and equipment responsive to the RFP must support our licensed frequencies. The Licensed frequencies can be found in the FCC licenses mentioned on page 18 of the RFP.

All other terms and conditions of this bid remain unchanged.

**PLEASE ENSURE THAT YOU ACKNOWLEDGE ALL ADDENDA ON YOUR
BID FORM. FAILURE TO ACKNOWLEDGE ALL ADDENDA COULD
RESULT IN REJECTION OF YOUR BID AS NONRESPONSIVE.**

Thank you.



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