



Town of Portsmouth

Public Works Department

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Director of Public Works

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March 30, 2022

Subject: DPW Radio Replacement

Dear President Aguiar and Honorable Council:

On November 22, 2021, the Council approved the Recommended Priorities from the American Rescue Plan. The Recommended Priorities included the replacement of DPW Radios to 800Mhz for \$201,200.00.

The Town received two quotes for replacing the Public Works Department radio system.

The first quote we received was for an 800Mhz radio system from Motorola for \$166,768.00. The 800Mhz system is maintained by the State of Rhode Island. This system will require Public Works to keep our current radio system as a backup system in the event the State's system goes down.

The second quote we received was to replace our radio system with a digital radio system and have two 800Mhz radios installed in the Director's and Deputy Director's vehicle to keep continuity with the Police and Fire Departments in the event of any type of emergency. The cost for this system is \$142,316.61 from Cyber Comm.

The digital radio system would not only be less expensive than the 800Mhz radio system, but the upgrade to the digital radio system will include replacing the existing repeater, which is at end of life and end of support. With this digital technology, two distinct slots will be created within the system - one will be used for digital voice communication, the other for use in providing GPS tracking for all assets that have mobile radios installed.

I request Council approval for the DPW Radio replacement to Cyber Comm. for the sum of \$142,316.61.

Purchasing will be from the Massachusetts Public Safety Equipment and Two-Way Radio (PSE01).

Respectfully submitted,

Brian Woodhead
Director of Public Works

Attachments