

# KINGSTON FIRE DISTRICT

Office of the Chief

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## Radio Communications System Fixed Site Repeater RFP May 2016

The Kingston Fire District (KFD) is requesting bids and pricing for a standalone fixed site 100 watt repeater for fire ground operations to be mounted on the Flagg Road (URI) Water Tower.

Site requires frequency coordination to convert our existing vehicle mounted fire ground repeater to the fixed site and increased wattage. Desired repeater would be completely compatible with existing radio equipment and capable of remote support.

### Scope of desired work:

- Frequency coordination
- Propagation study for site to include anticipated on hip portable coverage
- Provision and installation of a 400 MHz repeater, cables, antenna, and all necessary components
- Compatible with all existing radio equipment
- New repeater shall operate on our existing vehicle based frequency
- All antenna installation on water tower with appropriate grounding and mounting brackets to meet satisfaction of the University of Rhode Island's Emergency Management Office,
- All tower work is to be included with appropriate certificates of insurance as may be required by the University

### Add alternates:

1. To provide a 2 year maintenance agreement for the site.
2. Include a cost of reprogramming should frequency coordination require a different frequency.

Any exceptions should be clearly marked with a written explanation outlining the benefit.

Project timing is late summer/early fall 2016.

Questions on the project should be emailed to [jen@kingstonfire.net](mailto:jen@kingstonfire.net) with "Question Repeater Site" in the subject line, or call the District Office at 401-783-6830 or TTY via RI Relay at 711.

Proposals must be received by May 27<sup>th</sup> 2016 at 1:00 PM. Two (2) copies of the proposal should be provided in a sealed envelope marked Flagg Road radio project; these will be opened and read aloud at the Kingston Fire District 35 Bills Road at that time.

Note: All sales tax is to be excluded as KFD is tax exempt.

The Kingston Fire District reserves the right to reject any/all bids, waive any informality in the bids received and to accept the bid the lowest qualified bidder deemed most favorable to the interest of the Kingston Fire District.