



TOWN OF

NORTH KINGSTOWN, RHODE ISLAND

100 FAIRWAY DRIVE
NORTH KINGSTOWN, RI 02852-6202
PHONE: (401) 294-3331
FAX: (401) 583-7145
www.northkingstown.org

INVITATION FOR BIDS

TOWN OF NORTH KINGSTOWN –Fire Department Replacement of Public Safety Radio Subscriber Equipment

*Sealed proposals for the above will be accepted in the Office of the Purchasing/Finance, Town of North Kingstown Municipal Offices, 100 Fairway Drive, North Kingstown, RI 02852, until **10am on Monday 7, 2022**, and will then be publicly opened read aloud. The Municipal Offices are opened 8:30am – 4:30pm, Monday through Friday. Please plan accordingly.

**NO BIDS WILL BE ACCEPTED AFTER THE Monday November 7, 2022
10:00AM DEADLINE.**

IT IS THE RESPONSIBILITY OF THE PROSPECTIVE BIDDERS TO MONITOR THE TOWN AND/OR STATE OF RHODE ISLAND PURCHASING WEBSITES FOR ANY SUBSEQUENT BID ADDENDUM. NO ADDENDA WILL BE ISSUED OR POSTED WITHIN FORTY-EIGHT (48) HOURS OF THE BID SUBMISSION DEADLINE.

The bid will be evaluated as to R.I.G.L. 45-55-5. (2) “Competitive Sealed Bidding” and the award shall be made on the basis of the lowest evaluated or responsive bid price.

A certificate of Insurance showing \$1 million General Liability and \$1 million Any Auto, with the Town being named as an additional insured, Worker’s Compensation, with a waiver of subrogation will be required of the successful bidder.

The Town of North Kingstown reserves the right to reject any or all proposals or parts thereof; to waive any formality in same, or accept any proposal deemed to be in the best interest of the Town.

The Town of North Kingstown will provide interpreters for the hearing impaired at any pre-bid or bid opening, provided a request is received three (3) days prior to said meeting by calling 294- 3331, ext. 142.

***PLEASE SUBMIT AN ORIGINAL AND ONE (1) ELECTRONIC COPY.**

SELECTION CRITERIA

The bid will be evaluated as to R.I.G.L. 45-55-5. (2) "Competitive Sealed Bidding", and the award shall be made on the basis of the lowest evaluated or responsive bid price.

The following factors will be considered in determining the lowest evaluated or responsive bid price:

- Bid Price
- Meets or exceeds bid specifications; line-by-line items are included with each bid specification. Each line is to be filled in (yes or no), with any exceptions noted, **AND RETURNED WITH BID FORM.**
- Delivery date
- Proximity to Public Works facility for service
- Warranty/Guarantee
- Past performance by vendor
- Early payment discount

NOTE: IN OUR ONGOING EFFORTS TO PREVENT FRAUDULANT ACTIVITY, ALL SUBMISSIONS MUST INCLUDE THE FOLLOWING:

- **VENDOR'S BANKING INFORMATION (NAME OF BANK, ROUTING NUMBER, AND LAST FOUR NUMBERS OF ACCOUNT NUMBER)**
- **A COPY OF THE VENDOR'S W-9**

TOWN OF NORTH KINGSTOWN, RHODE ISLAND
INFORMATION FOR BIDDERS

ARTICLE 1. RECEIPT AND OPENING OF BIDS

Sealed bids must be submitted in SEALED ENVELOPES, addressed to the **Town of North Kingstown Municipal Office Building, ATTN: Purchasing/Finance, 100 Fairway Drive, North Kingstown, Rhode Island 02852**, and clearly marked with the name of the item bid, and the date and time of opening. Bids will be received by the Purchasing Agent up to the specified time as noted on the Invitation to Bid/Request for Proposal, and publicly opened and read aloud at the specified time. **The Town of North Kingstown will respectfully follow any Covid-19 guidelines in place at the time of opening.**

Proposals submitted for a specified item must not be combined under the same cover with any other bid item.

It is the bidder's responsibility to see that their bid is delivered within the time and at the place prescribed. Proposals received prior to the time of opening will be date/time stamped and securely kept unopened. No responsibility will attach to any officer or person for the premature opening of a proposal not properly addressed and identified.

Bids may be withdrawn personally or by written request at any time prior to the time specified for the opening. Bids may be modified in the same manner. Negligence on the part of the bidder in preparing the bid confers no right of withdrawal or modifications to bid after such bid has been opened.

Any bid received after the time and date specified shall not be considered, by messenger or by mail, even if it is determined by the Town that such non-arrival before the time set for opening was due solely to delay in the mails for which the bidder is not responsible. Conditional or qualified bids will not be accepted.

ARTICLE 2. PREPARATION OF BID

Each bid must be submitted on the prescribed form. All blank spaces for bid prices must be filled in, in ink or typewritten, both in words and figures. Erasures or other changes must be explained or noted over the signature of the bidder.

Each bid must be submitted in sealed envelopes, clearly labeled, so as to guard against opening prior to the time set therefore.

The Town may consider any bid not prepared and submitted in accordance with the provisions hereof and reserves the right to reject any or all proposals in whole or in part, toward any item, group of items, or total bid; to waive any technical defect or formality in same, or to accept any proposal deemed to be in the best interest of the Town.

ARTICLE 3. TELEGRAPHIC MODIFICATION

Telephonic, telegraphic or oral bids, amendments or withdrawals will not be accepted.

ARTICLE 4. WITHDRAWAL OF BIDS

Bids may be withdrawn personally or by written request at any time prior to the time specified for the opening. Bids may be modified in the same manner. Negligence on the part of the bidder in preparing the bid confers no right of withdrawal or modifications to bid after such bid has been opened.

ARTICLE 5. QUALIFICATIONS OF THE BIDDER

The Town reserves the right to request each bidder to present evidence that they are normally engaged in purveying the type of product, service, or equipment bid on. No bid shall be considered from bidders who are unable to show that they are normally engaged in purveying the type of product or equipment specified in the bid proposal.

To receive full consideration, the bidder must submit literature and necessary details, when applicable, on the material or service he proposes to furnish in order that the Town may have full information available when analyzing the proposals.

ARTICLE 6. OBLIGATIONS OF THE BIDDER

It is the responsibility of the bidder to have inspected the Specifications and Contract Documents (including all addenda) which have been posted on the Town of North Kingstown and State of Rhode Island Purchasing websites. The failure or omission of any bidder to receive or examine any form, instrument, or document or to inspect any item specified as a Trade-in shall (if applicable) in no way relieve any bidder from any obligation in respect to their bid.

When applicable, each bidder must inform themselves fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of their obligation to furnish all material and labor necessary to carry out the provisions of their contract. Insofar as possible the contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of or interference with the work of any other contractor.

Any exceptions or deviations from the provisions contained in this specification must be explained in detail and attached to proposal. If such deviations do not depart from the intent of this notice and are in the best interest of the Town, the proposal will receive careful consideration.

ARTICLE 7. BID SECURITY IS TO BE 5% OF THE CONTRACT PRICE. *(When Applicable to Bid)*

ARTICLE 8. "OR EQUAL" BIDDING

The Town intends to permit liberal scope in bidding and specifically does not intend to limit bidding to any make or model. Whenever a material, article or piece of equipment is identified by reference to manufacturers' or vendors' names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; and any proposed material, article, or equipment of other manufacturers and vendors which will perform adequately the duties

imposed by the general design will be considered equally acceptable provided it is in the opinion of the Town to be of equal substance and function.

ARTICLE 9. PRICES

Bidders shall state the proposed price in the manner as designated in the Bid Proposal Form. In the event that there is a discrepancy between unit prices and the extended totals, the unit prices shall govern. In the event that there is a discrepancy between the price written in words and written in figures, the prices written in words shall govern.

The prices in this bid shall be irrevocable for ninety (90) days, or until the bid is awarded by the Town Council. After award by the Town Council, said prices shall then remain firm for the duration of the Contract.

In the event a column headed "Vendor's Offering" is provided in the bid proposal, enter your offering, compliance or non-compliance in each space. DO NOT enter dollar amounts.

ARTICLE 10. TAX EXEMPTIONS

The Town is exempt from payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30 Para. I, as amended. The Town is exempt from payment of Federal Excise Taxes. The prices bid must be exclusive of taxes and will be so construed. Exemption certificates will be completed as required by the successful bidder.

ARTICLE 11. DELIVERY

Delivery shall be F.O.B. North Kingstown, Rhode Island or as specified on the Bid Proposal Form.

ARTICLE 12. CONTRACT PERIOD AND TERM OF AGREEMENT (*When Applicable to Bid*) (N/A)

Contract period is found in the Standard Form of Agreement. If financially advantageous to the Town of North Kingstown, these contracts may be renewed or extended, from time to time, when agreed to, in writing, by both parties.

ARTICLE 13. LABOR REGULATIONS (*When Applicable to Bid*) (N/A)

The following paragraphs regarding nondiscrimination in employment shall be included and become part of these specifications:

- a. Contractors shall comply with the provisions of the General Laws of Rhode Island and attention is called to Title 37, Chapter 13, Section 1-16, relative to the payment of wages, obligations and charges by Contractors on public works projects.
- b. Non-resident Contractors are subject to Section 44-1-6 of the Rhode Island General Laws, as amended. (OUT OF STATE CONTRACTORS.)

- c. The successful bidder will be required to comply with the Davis-Bacon Act (40USC 2 to a-7) as supplemented by Department of Labor regulations (29CFR Part 5).
- d. The successful bidder will be required to comply with the Contract Works Hours and Safety Standards Act (40 USC 327-330) as supplemented by Dept. of Labor Regulations (29CFR, Part 5).
- e. The successful bidder will be required to comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended, and as supplemented in Department of Labor regulations (41 CFR Part 60).
- f. The successful bidder will be required to comply with the Copeland "Anti-Kickback" Act (18 USC 874) as supplemented in Department of Labor regulations (29 CFR, Part 3).
- g. The successful bidder will be required to comply with the Safety and Health regulations (29 CFR, Part 1926 and all subsequent amendments) as promulgated by the Department of Labor.
- h. The successful bidder will be required to comply with Title VI of the Civil Rights Act of 1964 (P.L. 88-352).

ARTICLE 14. SAFETY STANDARDS AND ACCIDENT PREVENTION (*When Applicable to Bid*) (N/A)

With respect to all work performed under this contract, the contractor shall:

- a. Comply with the safety standards provisions of applicable laws, building and construction codes, and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of Title 29 of the Code of Federal Regulations, Section 1518 as published in the "Federal Register", Volume 36, No. 75, Saturday, April 17, 1971.
- b. Exercise every precaution at all times for the prevention of accidents and the protection of persons (including employees) and property.
- c. Maintain at their office or other well-known place at the job site, all articles necessary for giving first aid to the injured and shall make arrangements for the immediate removal to a hospital or a doctor's care of persons (including employees), who may be injured on the job site. In no case shall employees be permitted to work at a job site before the employer has made a standing arrangement for removal of injured persons to a hospital or a doctor's care.
- d. Bidders are informed that the Project is subject to the requirements of Section 292.675. RSMO, which requires all contractors or sub-contractors doing work on the Project to provide, and require its on-site employees to complete, a ten (10) hour) course in construction safety and health approved by the Occupational Safety and Health Administration ("OSHA") or a similar program which is at least as

stringent as an approved OSHA program. The training must be Completed within sixty (60) days of the date of work on the Project commences. On-site employees found on the worksite without documentation of the required training shall have twenty (20) days to produce such documentation

ARTICLE 15. INSURANCE REQUIREMENTS *(When Applicable to Bid) (N/A)*

The Vendor/Contractor shall assume responsibility and liability for all injuries to persons or damages to property, directly or indirectly due to, or arising out of, their operations under the contract and shall be responsible for the proper care and protection of all work performed until completion and final acceptance by the Town.

The Vendor/Contractor shall also indemnify and save harmless the Town of North Kingstown against any and all claims of whatever kind and nature due to, or arising out of, their breach or failure to perform any of the terms, conditions, or covenants of the contract resulting from acceptance of their bid.

The Contractor shall furnish the Purchasing Agent with certificates of insurance from companies acceptable to the Town of North Kingstown. All insurance companies listed on certificates must be licensed to do business in the State of Rhode Island. The Vendor/Contractor shall provide a certificate of insurance as specified on the bid proposal form attached. Contracts of insurance (covering all operations under this contract) shall be kept in force until the Vendor's/Contractor's work is acceptable by the Town.

The limits of the insurance must be at least in the amounts specified below;*

1. (R) Commercial General Liability – Occurrence Form \$1,000,000/\$1,000,000.
2. (R) Automobile Liability – \$1,000,000. With both of the above naming the Town as additional insured.
3. (R) Worker' s Compensation (if legally allowed and available). Waiver of subrogation applies to Worker' s Compensation
4. (NR) Professional Liability – \$1,000,000.00
5. (NR) Asbestos Liability – \$1,000,000.00

*Sample Certificate of Insurance attached (R) REQUIRED (NR) Not Required

The Vendor/Contractor shall secure, pay for and maintain insurance as necessary to protect himself against loss of owned or rented capital equipment and tools, with provision for waiver of subrogation against the Owner, and shall secure, pay for and maintain insurance as necessary to protect against errors and omissions which may result from this project.

When applicable, the Vendor/Contractor shall require similar insurance in the above amounts to be taken out and maintained by each sub-contractor. The Vendor/Contractor shall be fully responsible for the acts and omissions of their sub-contractors and of persons employed

either directly or indirectly by him/her. Nothing contained in the contract shall create any contractual relation between any sub- contractor and the Town of North Kingstown.

ARTICLE 16. PERFORMANCE BOND & LABOR AND MATERIAL PAYMENT BOND *(When Applicable to Bid) (N/A)*

The successful bidder will be required to furnish the Town with a performance Bond and Labor and Material Payment Bond, each in the amount of 100% of the contract price, as security for faithful performance of the Contract and executed by a surety company licensed to do business in the State of Rhode Island and approved by the Town. The failure of the successful bidder to supply the required Bonds within a time specified or within such extended period as the Town of North Kingstown may grant based upon reasons determined sufficient by the Town, shall constitute a default, and the Town may either award the contract to the next lowest bidder or re-advertise for bids

ARTICLE 17. LAWS, ORDINANCES AND CODES

All applicable Federal and State Laws, Ordinances and Codes of the Town of North Kingstown, Federal Labor Standards, and regulations of all authorities having jurisdiction over this Project shall apply to this contract the same as though written herein in full.

The Town of North Kingstown will not award the Contract to any Contractor who is, at the time ineligible under the provisions of any applicable regulations issued by the Secretary of Labor, United State Department of Labor, or is not qualified under applicable Ordinances of the Town of North Kingstown, or the laws of the State of Rhode Island.

ARTICLE 18. LIQUIDATED DAMAGES *(When Applicable to Bid)*

The successful bidder, upon their failure or refusal to execute and deliver the contract and bonds required within 10 days after he received notice of the acceptance of their bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with their Bid.

Failure on the part of the Contractor to complete the project within the agreed time schedule will result in a liquidated damage cost of One Hundred Dollars (\$100.00) per day, excluding Saturdays, Sundays, and holidays, to the Contractor, until completion (final Acceptance), excluding warranty periods. The Town may apply liquidated damage costs to current payment requests not yet paid.

ARTICLE 19. POWER OF ATTORNEY *(When Applicable to Bid)*

Power of Attorney: Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

ARTICLE 20. NOTICE OF SPECIAL CONDITIONS *(When Applicable to Bid)*

Attention is particularly called to those parts of the contract documents and specifications which deal with the following:

- a. Inspection and testing of materials
- b. Insurance requirements
- c. Wage rates
- d. Stated allowances

ARTICLE 21. METHOD OF AWARD – LOWEST QUALIFIED BIDDER *(When Applicable to Bid)*

If at the time this contract is to be awarded, the lowest bid submitted by a responsible bidder does not exceed the amount of funds then estimated by the Owner as available to finance the contract, the contract will be awarded. If such bid exceeds such amount, the Owner may reject all bids. The awarding authority will not award this contract unless the Contractor furnishes satisfactory evidence of his/her ability and experience to perform this work, and that he/she has sufficient capital and equipment to enable him/her to complete the work successfully and to complete it within the time named in the contract. **Pre-bid conferences may or may not be scheduled; therefore, it will be the responsibility of each bidder to visit the site and be familiarized.** The Town of North Kingstown can reject any bid of a Contractor who has not visited the work site.

As part of the bid, the Contractor must submit a list of ten similar and successfully completed jobs, whose relevance to the proposed job shall be deemed by the awarding authority. The name, address, and telephone number of a contact person involved with each of these projects must be included so they can be investigated prior to the award of the contract.

**Town of North Kingstown
North Kingstown Fire Department
Public Safety Radio Subscriber Equipment**

Project Overview

The Town of North Kingstown Rhode Island is requesting bids to replace its ageing fleet of radio communications equipment. The scope of this request is limited to equipment only and installation service will be solicited at a later time. The North Kingstown Fire Department is currently a full-time user of the Rhode Island Statewide Communications Network (RISCON) which is an 800MHz P25 Phase I trunking land mobile radios system maintained by the Rhode Island Emergency Management Agency. The goal of this RFP is to improve firefighter safety by replacing ageing unserviceable equipment and providing interoperability with neighboring communities.

This RFP includes the replacement of the department's portable radio fleet with models for both line and staff members along with the required chargers and accessories for each use. Mobile radios will also be replaced in response apparatus with some vehicles receiving vehicle repeater systems to increase in-building coverage. Finally, base radios will be replaced at each of our fire stations and in dispatch to modernize our fire station alerting and interoperability capabilities.

Technical Requirements

The list below contains technical standards and quantities that the respondent in this request must meet or exceed as applicable. When responding to this request please place a check mark in the appropriate column indicating that your proposal either meets (Yes) or does not meet (No) the corresponding requirement. If neither Yes or No apply you may check the column marked other and provide a written explanation in the space provided.

Quantity		50	Line Portable Radios
Yes	No	Other	
			700/800 MHz operation
			Approved for operation on the RISCON system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Wi-Fi Capability
			Smartzone Operation

			"Smart Connect" operation allowing the radio to automatically connect to the RISCON system via Wi-Fi when LMR service is unavailable
			Extreme series model designed for firefighting use
			Meets IP68 rating for durability
			Meets MIL-STD 810 C, D, E, F, G
			Volume and channel knobs designed to be used with a gloved hand
			Black case
			Top display only
			Capable of channel voice announcement
			Built-in Bluetooth capability
			3100mAh IP68 rated smart lithium ion battery
			Black Extreme series remote speaker mic, no channel knob, PTT button, volume control, emergency button, front strobe/flashlight and Intrinsic Safety Rating TIA4950(UL)
			2.5in Belt Clip
			5 Year Warranty
Quantity	76		Line Portable Radio Vehicle Chargers
Yes	No	Other	
			12v DC hard wired smart charger compatible with line portable radio
			Ability to securely mount charger in vehicle
			Indicator light to show battery charging status
Quantity	7		Fire Station Multi-Unit Bank Chargers
Yes	No	Other	
			110v AC Input with Power Cord
			Smart charger
			Capable of rapid charging and reconditioning of 6 portable radios and/or batteries simultaneously
			Display screen to show charging status and battery data including capacity
			Compatible with line portable radios by default and staff all-band and single band portable radios with provided adapters
Quantity	6		Staff All-Band Portable Radios
Yes	No	Other	
			All Band VHF/UHF/700/800MHz Operation
			Approved for operation on the RISCON system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation

			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Wi-Fi Capability
			Smartzone Operation
			"Smart Connect" operation allowing the radio to automatically connect to the RISCO system via Wi-Fi or LTE when LMR service is unavailable
			Extreme series model designed for firefighting use
			Meets IP68 rating for durability
			Meets MIL-STD 810 C, D, E, F, G
			Submersible Rating (Delta T)
			Volume and channel knobs designed to be used with a gloved hand
			Black case
			Front touch screen and top display
			Capable of channel voice announcement
			Built-in Bluetooth capability
			Built-in LTE capability (Verizon or FirstNet)
			4400mAh IP68 rated smart lithium ion battery
			120v AC Single Unit Smart Charger
			Black extreme voice plus series remote speaker mic, no channel knob, PTT button, volume control, emergency button, 3.5 mm non-threaded audio jack, 360 degree rotating clip with D-ring and Intrinsic Safety Rating TIA4950(UL)
			Classic Carry Holster
			700/800 MHz 65MM Stubby Antenna
			All-Band Full Size Antenna
			5 Year Warranty
Quantity	6	Staff All-Band Portable Radio Vehicle Chargers	
Yes	No	Other	
			12v DC hard wired smart charger compatible with staff all-band portable radio
			Ability to securely mount charger in vehicle
			Indicator light to show battery charging status
Quantity	14	Staff Single Band Portable Radios	
Yes	No	Other	
			700/800MHz Operation
			Approved for operation on the RISCO system
			P25 Phase I Operation
			P25 Phase II TDMA Operation

			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Wi-Fi Capability
			Smartzone Operation
			"Smart Connect" operation allowing the radio to automatically connect to the RISCO system via Wi-Fi when LMR service is unavailable
			Black case
			3-watt speaker with adaptive equalization
			Full size color front display
			Capable of channel voice announcement
			Built-in Bluetooth capability
			2850mAh IP68 rated smart lithium ion battery
			120v AC Single Unit Smart Charger
			Black extreme voice plus series remote speaker mic, no channel knob, PTT button, volume control, emergency button, 3.5 mm non-threaded audio jack, 360 degree rotating clip with D-ring and Intrinsic Safety Rating TIA4950(UL)
			Belt Clip
			700/800 MHz 65MM Stubby Antenna
			700/800 MHz Full Size Antenna
			5 Year Warranty
Quantity	11	Single Control Head Remote Mount All-Band Mobile Radios	
Yes	No	Other	
			All Band VHF/UHF/700/800MHz Operation
			Approved for operation on the RISCO system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Smartzone Operation
			Capable of channel voice announcement
			Options to interface with a Digital Vehicle Repeater System
			Options to interface with an in-vehicle headset system

			Single control head with variable brightness color display, volume control and channel selector knobs, five soft key buttons, home button, power button, orange button, 4-way navigation buttons, dimmer button and P button
			30ft Remote Mount Head Cable
			Power Cable(s)
			13-watt external speaker
			Standard palm microphone
			All-Band Multiplexer (All Band In/Out to UHF, VHF, 7/800 MHz)
			Required Jumper Cables for Multiplexer
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity	5	Dual Control Head Remote Mount All-Band Mobile Radios	
Yes	No	Other	
			All Band VHF/UHF/700/800MHz Operation
			Approved for operation on the RISCION system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Smartzone Operation
			Capable of channel voice announcement
			Options to interface with a Digital Vehicle Repeater System
			Options to interface with an in-vehicle headset system
			Two control heads with a variable brightness color display, volume control and channel selector knobs, five soft key buttons, home button, power button, orange button, 4-way navigation buttons, dimmer button and P button
			Two 30ft Remote Mount Head Cables
			Power Cable(s)
			Two 13-watt external speakers
			Two Standard palm microphones
			All-Band Multiplexer (All Band In/Out to UHF, VHF, 7/800 MHz)

			Required Jumper Cables for Multiplexer
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity	1		Microphone Integrated Control Head Remote Mount All-Band Mobile Radio
Yes	No	Other	
			All Band VHF/UHF/700/800MHz Operation
			Approved for operation on the RISCON system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Smartzone Operation
			Capable of channel voice announcement
			Single combination control head and palm microphone with color display, push to talk button, scan button, two programable buttons, three soft keys, channel controls, volume controls, 4-way navigation buttons, home button, data button and number pad
			Standard length control head to radio interface cable
			Power Cable
			13-watt external speaker
			All-Band Multiplexer (All Band In/Out to UHF, VHF, 7/800 MHz)
			Required Jumper Cables for Multiplexer
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity	3		Dash Mount All-Band Mobile Radios
Yes	No	Other	
			All Band VHF/UHF/700/800MHz Operation
			Approved for operation on the RISCON system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking

			Smartzone Operation
			Capable of channel voice announcement
			Integrated control head with variable brightness color display, volume control and channel selector knobs, five soft key buttons, home button, power button, orange button, 4-way navigation buttons, dimmer button and P button
			Power Cable
			13-watt external speaker
			Standard palm microphone
			All-Band Multiplexer (All Band In/Out to UHF, VHF, 7/800 MHz)
			Required Jumper Cables for Multiplexer
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity	3		700MHz Digital Vehicle Repeaters
Yes	No	Other	
			Ability to operate seamlessly with the single control head remote mount all-band mobile radios listed in this RFP
			Ability for the single control head remote mount all-band mobile radios listed in this RFP to control and monitor the vehicle repeater from the mobile radio control head
			Ability to operate on the assigned North Kingstown Fire Department fireground frequencies in simplex analog mode: 769.18125 Narrow PL 173.8 and 769.43125 Narrow PL 162.2
			All required RF filtering components to support in-band operation
			All required relay components to operate with an all-band mobile radio using the multiplexer listed in this RFP
			The ability to pass Emergency Alarm MDC ID's from portable radios operating on scene to the mobile radio and on to the RISCAN system for acknowledgement by the dispatcher using a wireline radio console
			Programmable output power 1 watt to 10 watts
			Required Jumper Cables for RF Filters and DVRS Unit
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty

Quantity		6	700MHz Vehicle Radio Extenders
Yes	No	Other	
			Ability to operate seamlessly with the single or dual control head remote mount all-band mobile radios listed in this RFP
			Ability for the single or dual control head remote mount all-band mobile radios listed in this RFP to control and monitor the vehicle repeater from the mobile radio control head
			Ability to operate on the assigned North Kingstown Fire Department fireground frequencies in simplex analog mode: 769.18125 Narrow PL 173.8 and 769.43125 Narrow PL 162.2
			All required RF filtering components to support in-band operation
			All required relay components to operate with an all-band mobile radio using the multiplexer listed in this RFP
			The ability to pass Emergency Alarm MDC ID's from portable radios operating on scene to the mobile radio and on to the RISCON system for acknowledgement by the dispatcher using a wireline radio console
			Programmable output power 0.5 watts to 3 watts
			Required Jumper Cables for RF Filters and VRE Unit
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity		7	800MHz Fire Station Base Radios
Yes	No	Other	
			700/800MHz Operation
			Approved for operation on the RISCON system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption
			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Smartzone Operation
			Base Station Operation
			Capable of channel voice announcement
			Relay signaling output capable of activating existing station alerting relays to activate lights and unmute

			audio upon the receipt of an over the air call alert signal from the RISCO system
			Integrated control head with variable brightness color display, volume control and channel selector knobs, four soft key buttons, home button, power button, orange button, 2-way navigation buttons, and dimmer button
			Power Cable
			7.5-watt integrated speaker
			Desktop Microphone
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity	6		VHF Fire Station Base Radios
Yes	No	Other	
			VHF Band Operation
			P25 Phase I Operation
			Customer Programming Software Enabled
			HW Key Supplemental Data
			Base Station Operation
			Capable of channel voice announcement
			Relay signaling output capable of activating existing station alerting relays to activate lights and unmute audio upon the receipt of an over the air two-tone signal
			Integrated control head with variable brightness color display, volume control and channel selector knobs, four soft key buttons, home button, power button, orange button, 2-way navigation buttons, and dimmer button
			Power Cable
			7.5-watt integrated speaker
			Desktop Microphone
			Do Not Include Antenna Cables (separate bid)
			Do Not Include Antennas (separate bid)
			3 Year Warranty
Quantity	4		800MHz Dispatch Base Radios
Yes	No	Other	
			700/800MHz Operation
			Approved for operation on the RISCO system
			P25 Phase I Operation
			P25 Phase II TDMA Operation
			Astro Digital CAI Operation
			Customer Programming Software Enabled
			Multikey AES and ADP Encryption

			HW Key Supplemental Data
			P25 9600 Baud Trunking
			Smartzone Operation
			Base Station Operation
			ACIM/CCGW Interface
			Analog Recorder Output
			P25 ID Decode
			Call Alert Encode
			Clock and VU Meter on Front Panel
			Rack Mount Kit
			120v AC Power Operation w/Power Cord
			No Microphone
			Do Not Include Antenna Cables
			Do Not Include Antennas
			3 Year Warranty
Quantity	1		VHF Dispatch Base Radio
Yes	No	Other	
			VHF Operation
			Programmable output power 1 watt to 50 watts
			P25 Phase I Operation
			Customer Programming Software Enabled
			HW Key Supplemental Data
			Base Station Operation
			ACIM/CCGW Interface
			Tone Remote Interface
			2000 Channel Capacity
			Analog Recorder Output
			MCD ID Decode
			Two-Tone Signaling Encode
			Clock and VU Meter on Front Panel
			Rack Mount Kit
			120v AC Power Operation w/Power Cord
			No Microphone
			Do Not Include Antenna Cable
			Do Not Include Antenna
			3 Year Warranty
Quantity	1		UHF Dispatch Base Radio
Yes	No	Other	
			UHF Range 2 Operation 450-520MHz
			Programmable output power 1 watt to 45 watts
			P25 Phase I Operation
			Customer Programming Software Enabled

			HW Key Supplemental Data
			Base Station Operation
			ACIM/CCGW Interface
			2000 Channel Capacity
			Analog Recorder Output
			MCD ID Decode
			Two-Tone Signaling Encode
			Clock and VU Meter on Front Panel
			Rack Mount Kit
			120v AC Power Operation w/Power Cord
			No Microphone
			Do Not Include Antenna Cable
			Do Not Include Antenna
			3 Year Warranty
Quantity	3		Mobile Radio Remote Control Heads
Yes	No	Other	
			Mobile radio control heads with a variable brightness color display, volume control and channel selector knobs, five soft key buttons, home button, power button, orange button, 4-way navigation buttons, dimmer button and P button
			Capable of controlling the all-band mobile radios listed in this RFP
			Control Head Interface Board
			3 Year Warranty
Quantity	12		Portable Radio Wi-Fi & Smart Connect Firmware Upgrades
Yes	No	Other	
			Wi-Fi Enablement Firmware Upgrades for 12 existing portable radios, 4 Motorola APX8000 All Band Portable Radios and 8 Motorola APX6000XE 800MHz Portable Radios
			Smart Connect Enablement Firmware Upgrades for 12 existing portable radios, 4 Motorola APX8000 All Band Portable Radios and 8 Motorola APX6000XE 800MHz Portable Radios
			"Smart Connect" operation allowing the radio to automatically connect to the RISCO system via Wi-Fi when LMR service is unavailable

[illegible]

**Town of North Kingstown
North Kingstown Fire Department
Public Safety Radio Subscriber Equipment**

PROPOSAL FORM

**To: Town of North Kingstown
100 Fairway Drive
North Kingstown RI 02852**

I, (We), the undersigned, agree to furnish to the Town of North Kingstown, with the public safety radio subscriber equipment described in this request for proposals.

▪ **Public Safety Radio Subscriber Equipment**

Make: _____ Model: _____

(Price in words) \$ _____
(Price in figures)

TOTAL NET BID PRICE \$ _____

WARANTEE/GUARENTEE: _____

DELIVERY DATE: _____

TERMS: _____

DISCOUNT FOR EARLY PAYMENT: _____

COMPANY NAME: _____

ADDRESS: _____

SIGNATURE: _____

(Please print name and title)

TEL: _____

EMAIL: _____

DATE: _____