

# **City of Rhome**

## **Request for Proposal**

### **For Outdoor Warning Siren System**

**Proposal Due By 10:00 AM Monday, November 20, 2017**

Proposals must be delivered to:

Shannon Montgomery, City Secretary

City of Rhome

City Hall

P.O. Box 228 / 261 N. School Rd.

Rhome TX. 76078

Proposal Due: November 20, 2017

## Specifications

*PURPOSE:* This RFP is for purchase and installation of a complete operational Outdoor Warning Siren System. The attached specifications are being provided to potential Proposers as guidelines which describe the minimum type and quality of the equipment that the City of Rhome, TX is seeking to purchase. The Proposer must submit documentation with the RFP listing any exceptions to the specifications. It will be assumed that the Proposer will fully comply with the minimum specifications if no exceptions are submitted. Failure to comply with this provision shall be cause for rejection of the proposal.

*GENERAL:* The objective of this RFP is to provide for the procurement of a complete Warning Siren System capable of complying with the FEMA Outdoor Warning System Guide at the recommended alert level for outdoor warning throughout the City of Rhome. All prospective Proposers will conduct an on – site survey of the City to determine the size and locations of the storm warning sirens necessary to provide the FEMA recommended alert level for outdoor warning of the City. The siren(s), once installed, will be capable of being remotely activated by radio from two separate locations. Any omission in the specifications of any item essential to the delivery of a fully operational system does not alleviate the successful Proposer from furnishing such.

***Each Proposer shall submit a map with their proposal showing proposed siren locations and coverage (digital topographic overviews preferred)***

Based on the City’s research into different types of commercially available storm warning sirens. It has been determined that omni-directional, rotating sirens with continuous duty motors, battery backup, and radio control will best serve the City’s needs. Proposals deviating from this type should take specific exception and be clearly marked as such or risk disqualification.

All proposals will include “turn-key” installation. This is to include all necessary conduit, wire, connectors, etc.; an appropriate electrical disconnect, battery enclosure, batteries, charging circuits, chargers; all necessary labor to set the telephone poles, mount the sirens on poles, wiring etc. all cabinets at each site will be made of corrosion free material, weather proof, lockable and pad-keys for all cabinets will be provided; any and all miscellaneous parts and labor necessary to create a complete and working storm warning system.

The Proposer will provide the siren sites checked for underground lines, etc. and 230 VAC, single phase, 125 amp electrical service to the siren poles only. The successful Proposer will meet with a representative of the City to discuss exact siren locations. Warranty for the proposed warning sirens (including all electronic parts), radios, batteries, and workmanship, will be clearly stated and provided.

The time necessary to complete the project is of major importance to the City. From date of order, each Proposer will specify the amount of time that it will take to complete 100% of the project.

Each Proposer will submit a minimum of 5 local municipal references that are utilizing the proposed warning system, and 5 local municipal references for the installation contractor. Customer satisfaction reports will also be required.

The warning sirens must comply with all applicable government regulatory specifications, particularly FEMA and OSHA.

The warning siren control equipment model in this bid must be specifically listed by Underwriter's Laboratories, no exceptions allowed. Evidence of the UL listing must be provided with the proposal.

To insure quality and reliability, the siren manufacturer must be ISO 9001:2000 certified, no exceptions. Evidence of certification must be included in the proposal.

## **Type of Siren Desired-Detailed Below**

### **ITEM AND DESCRIPTION OF SIRENS AND RELATED EQUIPMENT**

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#### Item #1 – Siren

- 14HP AC/DC Storm Warning Siren
- Electromechanical – Omni-Directional-Rotating-Maintenance Free
- Using one, 14 HP Continuous Duty DC Motor
- Minimum SPL 130 (+/- db). Db rating at 100 feet, on axis, Certification of SPL rating shall be provided with proposal.
- Magnetic contactor W/NEMA 3R Enclosure (Lockable)
- Optima 34U Rechargeable Batteries
- Heavy Duty Battery Box (Pole Mountable and Lockable)
- Power Requirement: 230 VAC, Single Phase, 125 Amp.
- Pole Mounting Hardware: The control unit must provide reasonable lightning protection devices.
- The siren control unit shall include features for on-site activation and battery testing.

#### Item #2 – Radio Controller UHF / VHF

- Wireless Radio Decoder
- Pre-Programmed
- No proprietary software will be required for programming of any feature of said decoder
- Weatherproof, aluminum Cabinet NEMA 4X rating (Lockable)
- Antenna

#### Item #3 – Mounting Pole

- Class II Mounting Pole – 45-55 ft. (Specifics of pole to be listed)

#### Item #4 – Installation

- Installation (Turn-Key)

#### Item #5- Locking Mechanism

- All necessary padlocks to secure battery boxes, radio decoders, magnetic contactors, rectifiers, and electrical disconnects.

#### Item #6- Warranty

All siren components will be covered by a ten (10) year warranty. All radio decoder components will be covered by a five (5) year warranty. All batteries will be covered by a ten (10) year pro-rated warranty. All labor/workmanship associated with the installation of the system will be covered by a five (5) year warranty. Warranty periods to start upon the City of Rhome's acceptance of system.

Maintenance: Proposals will include projected maintenance cost to the City of each siren for a five (5) year period.

DATE TO COMPLETION: The timely completion of this project is of utmost importance to the City and be a factor in the City's decision. Completion time from date of order will be clearly stated in each proposal.

SCOPE OF WORK: Proposers price is to include all electrical and component hookups, and run a fully operational test for acceptance. All components must be attached to the siren pole.

## **THE SCOPE OF WORK SPECIFICALLY TO INCLUDE BUT SHALL NOT BE LIMITED TO:**

- A. Contractor shall have all required permits and licenses except those issued by the City. Said permits shall be issued without cost or delay.
- B. Contractor shall coordinate all work with the City and/or property owners to minimize activities, scheduled events, and general inconvenience.
- C. Contractor to be responsible for calling in locations for underground utility, telephone etc, identification.
- D. The contractor shall at all times observe and conform to all laws, ordinances, and regulations of the Federal, State and Local Government, which may in any manner affect the preparation of proposals or the performance of the contract.

All electrical installation (conduit, wire, fittings etc.) will be completed in accordance with manufacturer's recommendations. Electrical power cable must run through a lockable breaker/disconnect box. A 120 VAC, 60 HZ power receptacle for maintenance tools to be supplied at each site.

All electrical wiring must be in 1 inch water tight flex or larger conduit depending on wire size, all conduits must be run along the pole and securely attached. All work must meet or exceed all applicable electrical codes for each applicator. All equipment must be grounded in accordance with applicable electrical codes, or meet and exceed the required manufacturer's recommendations.

Some or all sites will require service meters. It is the contractor's responsibility to determine which sites require meters and allow for the meter bases in the installation.

The successful Proposer will remove all dirt and other debris resulting from the installation of the warning siren system. All areas will be smoothed out, leveled and appropriate grass seed replanted.

Commissioning of the system by the contractor will be required prior to acceptance and payment.

After a thorough review of all proposals received, a contract may be awarded to the most responsive and responsible proposal, which submits the lowest proposal price, unless all proposals are rejected pursuant to the City of Rhome's Procurement Policy. The determination and indemnification of "most responsive and responsible proposal" shall be based upon such investigation as the City deems necessary under the circumstances and may, at the discretion of the City Representative, require the production of a proposers credit report, credit history, or such other documentation as the City Representative may deem necessary in order to determine the proposers ability

to fully perform the requirements of the proposed contract. All proposals may be evaluated on the basis of cost, value, quality of workmanship, quality of materials, reliability, experience, expertise, reputation, service, availability, location, timeliness, quality, convenience, references, and specification compliance.

Those who may have interest in providing such a proposal shall prepare and deliver a sealed envelope clearly marked **“Proposal Enclosed: Outdoor Warning Siren System”** to the City of Rhome, PO Box 228 / 261 N. School Rd, Rhome, Texas 76078, on or before 10:00 A.M., Monday, November 20<sup>th</sup> 2017.

**THE CITY RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS**