

REQUEST FOR QUOTES

OUTDOOR WARNING SIRENS AND LIGHTNING DETECTION SYSTEMS

The City of McKenzie, Tennessee is accepting sealed quotes for the purchase and turnkey installation of five (5) outdoor warning sirens and three (3) lightning detection and warning systems. Quotes will be accepted until **10 a.m. on Thursday, October 29, 2026**, at which time they will be publicly opened and read aloud in the Council Chamber at McKenzie City Hall, 2470 Cedar Street, McKenzie, TN 38201.

Outdoor Warning Sirens. Bidders shall price two options:

Option A (DC System): Five (5) omnidirectional outdoor warning sirens rated at a minimum of 121 dB, each with 48V DC motor control and battery backup in a NEMA 4X enclosure with AC charging.

Option B (AC/DC System): Five (5) omnidirectional outdoor warning sirens rated at a minimum of 121 dB, each with UL-listed AC/DC motor control in a NEMA 4X enclosure.

Both options shall include, at each siren site: a remote terminal unit/controller, current sensor, VHF radio activation with antenna and lightning arrestor, mounting hardware, and a 50-foot Class II wood pole. Both options shall also include a central control station with programmable activation buttons, VHF radio and antenna, command-and-control software with server, and automatic activation through NOAA alerts. Pricing for each option shall include delivery, pole setting, installation of all equipment and the control point, system commissioning, and a minimum of one (1) day of operator and maintenance training.

Lightning Detection Systems. Bidders shall separately price three (3) standalone outdoor lightning detection and warning systems, each with strobe and horn warning and an automatic all-clear signal, pole-mounted and installed by the bidder.

Sites. All siren and detector sites will be designated by the City within the McKenzie city limits. Electrical service to each site and underground utility locates will be provided by others.

Submission. Quotes may be mailed or delivered in a sealed envelope to City of McKenzie, 2470 Cedar Street, McKenzie, TN 38201, or emailed to brian.tucker@cityofmckenzie.com. Envelopes and email subject lines must be marked "Quote: Outdoor Warning Sirens and Lightning Detection." Bidders must hold a valid Tennessee contractor's license as required by law, and the license number, classification, and expiration date must appear on the outside of the envelope or in the body of the email. Quotes shall state equipment specifications, warranty terms, and the proposed delivery and installation schedule. Late quotes will not be considered.

The City reserves the right to award either siren option, to award the sirens and lightning detection systems separately or together, to reject any or all quotes, and to waive any informalities in the best interest of the City.

Questions should be directed to Chief Brian Tucker at brian.tucker@cityofmckenzie.com or 731-352-2292, ext. 4.

Ryan Griffin, Mayor
City of McKenzie