

BROWN COUNTY, OHIO
Bid Specification – Corrected May 26, 2017

The Board of County Commissioners of Brown County, Ohio on behalf of the Emergency Management Agency is accepting sealed proposals for the purchase and installation of two (2) new Community Outdoor Warning sirens with battery backup. The purpose of this Request for Proposal (RFP) document is to create minimum specifications for the siren project and to select a lowest responsive and responsible bidder. Deviations from these specifications must be listed on a separate sheet of paper.

The bidder shall include a quote for the equipment purchase price, shipping cost, and turn-key installation, programming and testing the two (2) units located in the community of Lake Waynoka in Brown County. The receiving jurisdiction shall provide electrical power to point of attachment or disconnect if underground service. For turnkey installation, the siren will be pole mounted on the existing utility pole.

Sirens must be able to operate on both AC and DC power. The AC operation with battery backup must allow the siren to operate from a 220/240 VAC power source without the use of the batteries. During a power failure, an automatic switch-over to battery operation must occur to maintain the siren's normal operation.

Warning sirens shall comply with the FEMA Outdoor Warning Systems Guide, CPG 1-17 (attached). This guide requires an ATTACK warning which is a 3 to 5 minute wavering tone, an ATTENTION or ALERT warning which is a 3 to 5 minute Steady signal. Once the ALERT signal attains a peak in frequency, the frequency of the signal shall not sweep or fluctuate. Additional capability for a 1 minute test and local activation signal are required.

A written warranty must be furnished to the jurisdiction accepting both sirens through this project. The successful bidder must supply equipment direct from the manufacturer or from an authorized dealer available to respond for support, repair, and maintenance.

No party which is debarred or suspended or is otherwise excluded from or ineligible for participation in Federal assistance programs under Executive Order 12549, "Debarment and Suspension" will be awarded a contract with Brown County. The successful bidder will not be presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any state or federal department or agency.

The vendor shall not commence work on any contract or agreement resulting from this bid notification until it has provided proof of liability and materials insurance. Such insurance shall cover performance, labor, and materials used in the work whether by the Vendor or by any subcontractor. Said insurance shall remain in full force and effect for the duration of the contract or agreement. The insurance shall

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be conditioned on the full and faithful performance of the purchase order according to its terms and shall be in an amount equal to or greater than One-Hundred Percent (100%) of the purchase order.

Specifications for Community Outdoor Warning Sirens:

- (2) Outdoor Warning Siren, 130dB(C) +/- 1 dB*
- (2) DC Siren Control*, (MUST be Fully Compatible with DTMF Programming for VHF Narrowband Activation and Operation Control)
- (2) Transformer Rectifier*, (to convert AC power to 48V DC)
- (2) All Antennas, Brackets, Cabling*
- (8) {4 Batteries per Siren (2 sirens x 4)} Deep Cycle Batteries, Standard Capacity
- (2) Full Turnkey Installations on ~~New Class II 50'~~ Wooden Poles **to include removal and disposal of existing siren**
- (2) Complete Setup, Testing, Operability Verification of All Siren Sites
- Freight
- Warranty

* All equipment must be new and fully compatible with the county's existing DTMF VHF Narrowband Radio Activation System. Any deviations or exceptions must be listed on a Separate Sheet of Paper*

All bids must include a Bid Guaranty (Bond) in accordance with ORC 153.54 (A) (1) (attached). Proposals that do not have an attached bond will be considered noncompliant and will not be read. The bid must be sealed and received by mail or in person by no later than 12:00 PM on Wednesday, June 7, 2017 to: Brown County Board of County Commissioners, Attn: Sarah Beath, Clerk, 800 Mt Orab Pike, Georgetown, OH 45121.

The bid opening will occur during the regular session Wednesday June 7, 2017 at 1:30 p.m.

Attachment 1: FEMA Outdoor Warning Systems Guide, CPG 1-17

Attachment 2: ORC 153.54 (A) (1)

Complete bid packets are available for pick up at the Brown County Commissioners Office.