**Warning Siren Specifications**

All products shall be manufactured with American Made components.

Bidder shall have parts and service facility within 100 miles.

Siren System Proposal: (Battery Backed)

Warning Siren System Shall Include:

- The siren must meet or exceed the recommendations in the FEMA Outdoor Warning Systems Technical   
 Bulletin 2.0 dated January 12, 2006  
- The siren must be classified as commercial off-the-shelf   
- The siren must be capable of producing a three to five minute steady signal   
- The siren must be capable of producing a three to five minute wavering, warbling or attack (e.g., short   
 blast) signal   
- The siren must have a backup capability to allow for a minimum of 15 minutes of alerting time  
- The siren must be rated at a minimum of 125dB(C) at 100 feet.  
- The siren must have an estimated 70dB(C) effective range of no less than one (1) mile distance in all   
 directions  
- The siren motor contactor should be housed in a NEMA 3R or higher rated enclosure

-The siren controller must be housed in a NEMA 3R or higher rated enclosure

-The siren controller must be capable of 4 siren functions/run patterns and must be capable of   
 activation via VHF wireless radio and either DTMF or 2TS tone codes.

-The siren must be a complete turnkey Installation including a disconnect and on-site testing and   
 training

- The height of the siren must be a minimum 45’; on a Class I or II utility pole

- The siren head warranty must be a minimum of seven (7) years

- The siren battery bank must use 12V DC, gel cell batteries from a brand name battery manufacturer

- The siren installation shall include all power supplies, rectifiers, transformers

- It is preferred that the siren be installed using AC power with DC battery backup. DC battery primary   
 systems will be considered.

- Bidders must include expected maintenance recommendations and anticipated cost for maintenance.  
- Bidders may include an option for voice messages, if available.

\*Installation Notes:

All permits or inspections will be the responsibility of the Grenada County BOS  
The siren site will be readily accessible for pole and siren installation

The price is based on all sirens being ready for installation at the same time.   
Grenada County will be responsible for installation of an electrical meter, if required.

Please contact Director Trebia Rodgers, Grenada Civil Defense Council at (662) 226-1076 for any questions.