

**AUTHORITY TO ADVERTISE
MEMA
WARNING SIRENS**

Grenada County, MS
I certify this instrument was filed
on 05/08/2023 11:21:05 AM
and recorded in the
Supervisors Minute
Book 2023 Pages 1408-1414
Johnny L. Hayward, Chancery Clerk
Supervisors Minute
Book 2023 Page 1408
05/08/2023 11:21:05 AM

Columbus Hankins made a motion, seconded by **Chad Bridges** to authorize the following advertisement for bids:

**ORDER DIRECTING ADVERTISEMENT FOR BIDS FOR THE PURCHASE
OF EQUIPMENT FOR USE BY GRENADA COUNTY, MISSISSIPPI**

WHEREAS, the Board of Supervisors of Grenada County, Mississippi, determines it necessary and to promote the best interests of the people of Grenada County to **purchase and install Six (6) New Outdoor Warning Sirens** for use by said County:

NOW, THEREFORE, BE IT HEREBY ORDERED by the Board of Supervisors of Grenada County, Mississippi, that the Clerk of said Board forthwith cause to be published in the way and manner and for the time provided by law the following notice, to wit:

ADVERTISEMENT FOR BIDS

The Grenada County, Mississippi, Board of Supervisors will receive bid proposals for the **purchase and installation of Six (6) New Outdoor Warning Sirens** in the following manner, to wit:

Bids will be accepted by reverse auction on June 19, 2023, starting at 10:00 a.m. and ending at 11:00 a.m. at www.centralbidding.com.

Unpriced bid proposals will be accepted until **10:00 A.M., on June 12, 2023**, at the office of the **County of Grenada Purchasing Office located at 59 Green Street Suite 4 Grenada MS 38901**, or by electronic bid submission. Submitted proposals will be evaluated and vendors submitting acceptable offers will be invited to submit priced bids.

Bid Specifications may be obtained from Ms. Vicky Conley Grenada Co. Purchase Clerk
vconley@grenadacountymiss.org (662) 226-3509.

Electronic bids can be submitted at www.centralbidding.com.

For any questions relating to the electronic bidding process, please call Central Bidding at (225) 810-4814.

Alternatively, written bids shall be signed, sealed and clearly labeled on the outside of the bid envelope "Six (6) Outdoor Warning Sirens" and delivered to the office of the Grenada County Board of Supervisors 59 Green Street Suite 1 Grenada MS 38901.

The Board of Supervisors of Grenada County, Mississippi, reserves the right to reject any and all bids and to waive any and all informalities.

Publish: May 10, 2023: May 17, 2023.

A vote was called for with the following results:

Michael Lott	Yea
Chad Bridges	Yea
Christopher C. Hankins	Yea
Darrell Robinson	Yea
Chad Gray	Yea
The motion carried.	

Cc: Grenada Civil Defense
Grant Folder
Purchase Clerk
GrenadaStar Emailed 5-03-23
MS Procurement

WARNING SIREN SPECIFICATIONS

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Warning Siren Specifications

All products shall be manufactured with American Made components. A component list and manufacturer must be provided.

Bidder shall have parts and service facility within 100 miles of Grenada, MS.

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.
- Sirens must be omnidirectional. Rotating sirens will not be considered.
- Mechanical systems are preferred over electronic systems but both will be considered.
- 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 sirens must be capable of being activated through the Motorola Avtec Radio system. Sirens will not be able to be installed until the radio system is installed. Installation will have to be scheduled after the radio system has been installed.
- 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 should 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, schedule (annually, bi-annually) and anticipated cost for maintenance.
- Bidders may include an option for voice messages, if available, but not required.
- Bidders must complete attached checklist when submitting bid. Bidders that do not submit the attached checklist will not be considered.
- Bid must be signed.
- It should be understood that prepayment is not allowed. Payment will be made by the Grenada County Board of Supervisors during their regularly scheduled board meeting on the 1st Monday of the month following installation of the sirens.

*Installation Notes: All permits or inspections will be the responsibility of the City of Grenada. 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.

Vendor _____

Please state if your siren complies with the following specifications. Exceptions can be listed on a separate piece of paper. When listing an exception please reference the item number.

1. All products shall be manufactured with American Made components. Please provide manufacturer for siren and controller.	
2. Bidder shall have parts and service facility within 100 miles of Grenada, MS. Provide facility name and address.	
3. The siren must meet or exceed the recommendations in the FEMA Outdoor Warning Systems Technical Bulletin 2.0 dated January 12, 2006.	
4. The siren must be classified as commercial off-the-shelf.	
5. Omnidirectional sirens are required. Rotating sirens will not be considered.	
6. The siren must be capable of producing a three to five minute steady signal.	
7. The siren must be capable of producing a three to five minute signal wavering, warbling or attack (e.g., short blast) signal.	
8. The siren must have a backup capability to allow for a minimum of 15 minutes of alerting time.	
9. The siren must be rated at a minimum of 125dB(C) at 100 feet.	
10. The siren must have an estimated 70dB(C) effective range of no less than one (1) mile distance in all directions.	
11. The siren motor contactor should be housed in a NEMA 3R or higher rated enclosure.	
12. The siren controller must be housed in a NEMA 3R or higher rated enclosure.	
13. 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.	
14. The siren must be able to be activated via the Motorola Avtec Radio Console System. Installation of sirens will have to be scheduled after the installation of the radio system.	
15. The siren must be a complete turnkey installation including a disconnect with on-site testing and training.	
16. The height of the siren must be a minimum 45'; on a Class I or II utility pole.	
17. The siren head warranty must be a minimum of seven (7) years.	
18. The siren battery bank must use 12V DC, gel cell batteries from a brand name battery. Please specify brand of battery.	

19. The siren installation shall include all power supplies, rectifiers, transformers.	
20. It is preferred that the siren be installed using AC power with DC battery backup. DC battery primary systems will be considered.	
21. Bidders must include expected maintenance recommendations, schedule (annually, bi-annually, etc.) and anticipated cost for maintenance.	
22. Mechanical systems are preferred over electronic systems but both will be considered.	
23. Bidders may include an option for voice messages, if available but not required.	
24. Bid must be signed and checklist attached when submitting bid.	
25. Prepayment is not allowed. Payment will be made by the Grenada County Board of Supervisors during their regularly scheduled board meeting on the 1 st Monday of the month following installation of the sirens.	

*Installation Notes: All permits or inspections will be the responsibility of the City of Grenada. 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. The City of Grenada will be responsible for installation of an electrical meter, if required.