



**GENESEE COUNTY PURCHASING**  
A Division of the Genesee County Controller's Office

COUNTY ADMINISTRATION BLDG  
1101 BEACH STREET, ROOM 343,  
FLINT, MICHIGAN 48502  
Phone: (810) 257-3030 Fax (810)257-3380  
[www.gc4me.com](http://www.gc4me.com)

February 8, 2017

**GENESEE COUNTY REQUEST FOR PROPOSALS #17-104**

Sealed proposals will be received until **3:00 p.m. (EST), Wednesday, March 1, 2017**, at the Genesee County Purchasing Department, 1101 Beach Street, Room 343, Flint, MI, 48502 for **GENESEE COUNTY WARNING SIRENS**.

This procurement is conducted in accordance with the Genesee County Purchasing Regulations, a copy of which is on file and available for inspection at the Genesee County Purchasing Department or at the website [www.gc4me.com](http://www.gc4me.com).

Each offeror is responsible for labeling the exterior of the sealed envelope containing the proposal response with the proposal number, proposal name, proposal due date and time, and your firm's name. The proposal request number and due date for this RFP are:

**DUE DATE:** 3:00 p.m. (EST), Wednesday, March 1, 2017  
**PROPOSAL REQUEST NUMBER:** #17-104

*Cindy Carnes*  
CINDY CARNES, PURCHASING MANAGER

bid2\2017\17-104  
Attachments

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[www.gc4me.com](http://www.gc4me.com)

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# RFP #17-104 GENESEE COUNTY WARNING SIRENS

## SECTION 1 - INSTRUCTIONS TO PROPOSERS

1. Sealed proposals will be received until **3:00 p.m. (EST), Wednesday, March 1, 2017**, at the Genesee County Purchasing Department, 1101 Beach Street, Room 343, Flint, MI, 48502. The Genesee County Purchasing Department hours of operation are 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m., closed noon to 1:00 p.m. for lunch, closed holidays and furlough days, check website for closed days. Label the envelope containing the proposal response as described on page 1. **LATE PROPOSALS AND PROPOSALS SENT BY FACSIMILE OR E-MAIL WILL NOT BE ACCEPTED.**
2. **Submit one original, one paper copy and one electronic copy of your proposal.** All proposals become the property of Genesee County. The original must include a signature on the Signature Page of a person authorized to make a binding offer. Additionally the proposal response must consist of one copy in electronic format on a CD, DVD or USB flash drive formatted in Adobe (.pdf), Microsoft Word, and/or Microsoft Excel. Failure to provide the required number of duplicate copies may result in rejection of your proposal. Proposals may not be submitted at the Buy4Michigan or MITN site for this offering.
3. **Buy4Michigan** – an alternate review of proposal request can be done at **Buy4Michigan.com**. Open Market Bid 303717B0010227. Requests for proposal and opportunities to bid on products and services required by Genesee County can be found on the website **www.Buy4Michigan.com**. This website is the official posting site for most State of Michigan solicitation and allows municipalities across Michigan to more effectively notify vendors of RFP and bid opportunities. By making use of this site it increases internal efficiency and lowers costs for member agencies and taxpayers through shared resources.
  - a. You must register at the site to participate in other solicitations. Once registered you will have access to all solicitations throughout the State of Michigan posted at the website.

If you have questions or need assistance registering, please call the Vendor Support Department at 888-734-9749, Monday through Friday, 8:00 a.m. through 8:00 p.m. ET. To register for access to Genesee County bids, please go to <https://www.buy4michigan.com/bsa/login.sdo> and click on Register <https://www.buy4michigan.com/bsa/external/fidCheck.jsp>.

4. Michigan Inter-governmental Trade Network – an alternate review of the RFP number RFP-CC-17-104 can be done at <http://www.mitn.info/Genesee-County.asp?AgencyID=2340&PageType=open>.
  - a. Genesee County has partnered with BidNet as part of the [Michigan Inter-governmental Trade Network](#) and will post their bid opportunities to this site. As a vendor, you can register with [Michigan Inter-governmental Trade Network](#) (use hyperlink or <https://www.mitn.info/Registration.asp?ID=2340>) and be sure that you see

all available bids and opportunities. By selecting automatic bid notification, your company will receive emails once Genesee County has a bid opportunity that matches your company's business. In addition, the site handles bid opportunities, RFPs, and RFQs for other member governmental agencies. If you need help registering, please call [Michigan Inter-governmental Trade Network](#) support department toll free 1-800-835-4603.

5. All communications, any modifications, clarifications, amendments, questions, responses or any other matters related to this RFP, shall be made by and through the purchasing contact reference in this solicitation. No contact regarding this solicitation made with other County employees is permitted. Any violation of this condition may result in immediate rejection of proposal.
6. All prospective proposers shall be responsible for routinely checking the Genesee County Purchasing Department website at <http://www.gc4me.com/departments/purchasing> for issued addenda and other relevant information. Genesee County shall not be responsible for the failure of a prospective proposer to obtain addenda and other information issued at any time related to this RFP.
7. The County's SUBGRANT AND TRANSFER OF EQUIPMENT AGREEMENT is attached to this RFP. After the award is made to the successful proposer, the County and the successful proposer will negotiate a final contract that substantially conforms to the Standard Proposed Contract. Any exceptions to the terms and conditions of the Standard Proposed Contract and this RFP must be clearly set forth in your proposal and referenced on company letterhead. The County will not entertain negotiations to change any terms and conditions of the Standard Proposed Contract or RFP unless those changes are requested in your proposal.
8. The County of Genesee requires a signed Genesee County Insurance Checklist with each proposal submitted. Insurance required per the specifications governing this work must be provided prior to the contract starting date and kept in full effect and compliance during entire contract period. Failure to comply with these provisions will cause termination of the contract.

The contractor agrees to be responsible for any loss or damage to property or persons due to the performance of services herein contracted and further agrees to protect and defend the County of Genesee against all claims or demands whatsoever, and to hold the County of Genesee harmless from any loss or damage resulting therefrom.

9. Proposal Format: Proposals must be submitted in the format outlined in Section 6 INFORMATION REQUIRED FROM PROPOSERS to be deemed responsive.

## **SECTION 2 - STANDARD TERMS & CONDITIONS**

1. See Genesee County website, Purchasing Department for Standard Terms and Conditions

### SECTION 3 - ADDITIONAL TERMS & CONDITIONS

1. **Purpose:** Through this RFP, Genesee County (“the County”) is soliciting proposals from qualified firms who can provide all equipment, installation, training, and on-site system optimization for the installation of a new Federal Signal 2001 AC/DC rotating electro-mechanical siren site, including a two-way digital monitoring system. The contractors will have the responsibility to complete the work in a timely manner working with the local units of government.
2. **Issuing Office:** This RFP is issued by the Genesee County Purchasing Department on behalf of the Office of the Genesee County Sheriff, Emergency Manager. The contact person is Ms. Cindy Carnes, Purchasing Manager, Genesee County, 1101 Beach Street, Room 343, Flint, Michigan 48502, phone: (810)-257-3030, fax: (810) 257-3380 and [ccarnes@co.genesee.mi.us](mailto:ccarnes@co.genesee.mi.us). Email is the preferred method of contact.
3. **Questions & Inquiries:** All questions regarding this RFP shall be submitted in writing and received no later than **Friday, February 17, 2017 by 12:00 p.m. (EST)**, to the Genesee County Purchasing Department as listed above. E-mail is the preferred method of contact for all inquiries concerning this RFP. No verbal interpretation to any respondent as to the meaning of any requirement stated in this RFP shall be binding on Genesee County. All responses to questions regarding this RFP shall be issued in writing and distributed as an addendum by Genesee County.
4. **Addenda:** Genesee County reserves the right to amend and provide clarification of this RFP prior to the date for proposal submission. In such an event, an addendum will be posted on the Purchasing Department website (<http://www.gc4me.com/Purchasing/currentbids.htm>). Further, all proposers shall acknowledge having seen any and all addendums issued (1, 2, 3, etc.) on the Signature Page.
5. **Responsive Proposals:** To ensure proper consideration, all proposers are encouraged to submit a complete response to this RFP using the format outlined in Section 6 INFORMATION REQUIRED FROM PROPOSERS. In addition, at least one of the paper proposals must be signed with an **original signature** of the official authorized to bind the proposer to its provisions.
6. **Validity Period:** Any proposal submitted as a result of this Request for Proposal shall be binding on the proposer for 120 calendar days following the due date.
7. **Disclosure:** All information in an offeror’s proposal is subject to disclosure under the provisions of Public Act N. 442 of 1976 known as the “Freedom of Information Act”. This Act also provides for the complete disclosure of contracts and attachments thereto. In the event that a proposer wishes to designate any portion of their submission as “confidential” or “proprietary,” the proposer must contact the Purchasing Manager prior to submission of the proposal. All requests regarding disclosure and requests for confidentiality of a proposal response to

this RFP shall be submitted in writing and received no later than Friday, February 17, 2017, by 12:00 p.m. (EST), to the Genesee County Purchasing Department as listed above.

8. **Statement of Exceptions:** The proposer shall furnish a statement on company letterhead giving a complete description of all exceptions to the terms, conditions, and specifications set forth in the proposal. Failure to furnish this statement shall mean that the proposer agrees to meet all requirements set forth in this solicitation.
9. **Acceptance of Proposal Content:** It is proposed that, if a contract is entered into as a result of this RFP, the RFP will serve as the basis for the contract. The contents of the proposal of the successful offeror may become contractual obligations if a contract is issued. Failure of the successful offeror to accept these obligations will result in cancellation of contract award.

## **SECTION 4 - QUALIFICATIONS OF PROPOSERS**

In order to qualify for award, a proposer shall have the capability in all respects to perform the work and the integrity and reliability, which will assure good faith performance. This requirement shall include, but is not limited to, the availability of the appropriate financial, material, equipment, facility, personnel, ability, expertise and experience necessary to meet all procurement requirements.

No proposal will be considered from any proposer unless known to be skilled and regularly engaged in work of a character similar to that covered by the solicitation documents.

The following requirements are necessary for consideration of contract award:

1. The proposer must provide factory-trained personnel to perform system design, installation, testing, training, and maintenance.
2. Proposer must provide a minimum of three (3) references.
3. The proposer must have five (5) years of previous direct experience in the provision of the required services referenced in this solicitation.

If a proposer does not convince Genesee County that it possesses the above qualifications with the proposal submission, Genesee County shall not consider its proposal for award.

## **SECTION 5 - SCOPE OF WORK**

### **Specifications for the County of Genesee, Michigan New Warning Siren Sites**

The following Bid Specification is for the installation of a new Federal Signal 2001 AC/DC rotating electro-mechanical siren site, including a two-way digital monitoring system. The equipment must be compatible with the current warning systems located throughout the County of Genesee, Michigan. The equipment must match, and have the same options as the existing Federal Signal 2001 remote warning sites currently installed in municipalities in Genesee County, Michigan. Genesee County currently has approximately 94 Federal warning sirens throughout the County. The new community warning sirens are to be installed in locations throughout Genesee County, as outlined in the attached **Addendum A – New Siren Locations**. See Addendum B for existing and proposed siren coverage.

The bidder must demonstrate full knowledge and understanding of the specifications and requirements, and meet all defined specifications. It is the intent of this Request for Proposal (RFP) to acquire Commercial Off-the-Shelf (COTS) equipment from a proven qualified supplier.

Purchase of a complete turn-key system (equipment and services) from a single bidder is the intent; therefore, the bidder must provide factory-trained personnel to perform system design, installation, testing, training, and maintenance.

Each proposal shall include, at a minimum, all equipment, installation, and training, on-site system optimization, complete documentation (including product assembly drawings, operation manuals and wiring diagrams) with enough detail to support the training of maintenance personnel, as well as, support troubleshooting and preventive and corrective maintenance.

The Bidder shall supply pricing for:

1. Twenty Four (24) New Remote Siren Sites
2. Twenty Four (24) New Controller with RTU and Transceiver
3. Installation of all equipment
4. Any other services required for project completion

### **Basic Requirements**

1. The bidder shall supply twenty four (24) Federal Signal 2001 AC/DC rotating electro - mechanical outdoor warning siren with (DC) backup.
2. The siren must generate sound by use of a motor to "chop" the air. Sirens that use speakers are not accepted substitutes for the following reasons:
  - a. Speakers are more susceptible to damage from lightning or power spikes.
  - b. Speaker driven sirens have many more components making them more likely to fail.
  - c. Mechanical sirens have proven to have a longer lifespan than speakers.
3. The siren must rotate throughout a 360° pattern, providing coverage to anyone outdoors within that area.

4. The siren must produce 130dBC at 100' on axis and provide certification of sound output with the bid.
5. The siren and siren controls must be housed in aluminum, stainless steel or other maintenance free material (fiberglass is not acceptable as it has a finite lifespan).
6. 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 208/220/240 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. This option will allow the siren to operate for an indefinite period of time, exclusively on commercial power, even if batteries are dead or not installed.
7. The siren must run on an automatic battery (DC) operated system consisting of four (4) batteries for siren and radio operation. The battery (DC) power source shall be pole mounted. Batteries must be deep cycle, and original and replacement batteries must be readily available at local retail sales establishments. Batteries for operation of the system shall be included in the proposal. To insure proper operation and discharge, the batteries must be factory approved.
8. The Sirens shall include two motors, one for producing the Sound Output Levels and the other for controlling rotation.
9. Must comply with all applicable government regulatory specifications, particularly FEMA and OSHA.
10. The siren controls must be capable of future reporting of the following information back to a central control that will display this information graphically:
  - a. Status of AC power
  - b. Status of batteries
  - c. Status of cabinet doors
  - d. Status of chopper motor during last activation
  - e. Status of rotator motor during last activation
11. The siren controls must be able to make the siren perform the steady or wail functions for a period of ten (10) seconds to six (6) minutes.
12. The Siren controller models proposed shall be specifically listed by Underwriter's Laboratories. No exceptions will be allowed. Evidence of UL Listing shall be provided with the proposal.
13. All equipment must include a minimum warranty of two-years for parts and factory performed labor. The Siren head must include a five-year warranty for parts and factory-performed labor. A copy of the warranty must be submitted with the proposal. The manufacturer must insure expedient and reliable parts and service, and shall provide a description of their warranty service process and a summary of their on-site maintenance and service, along with any associated costs.
14. Evidence of conformance to manufacturing standards shall be provided as part of the bidder's response at the time of bid. ISO9001:2000 certification is preferred, but certification by a third-party agency shall be acceptable.



## General Requirements

1. Warning siren shall produce a minimum of 130dB(C) single tone format at 100 feet. Test results by an independent laboratory must be submitted with this bid. Rotating speed shall not be less than 2.0, nor more than 4.0 revolutions per minute. Rotation speed must be constant and uniform and not vary in relation to signal type.
2. Warning sirens shall comply with the FEMA Outdoor Warning Systems Guide, CPG 1-17. 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.
3. The battery system shall have the capacity to provide continuous full power for a minimum of 20 minutes at a minimum of 130dB(C)  $\pm$  1dB(C). Battery capacity shall be maintained by a high quality single regulated charging unit. The charging assembly shall be designed to minimize the effects caused by over/under charging. The charger shall be capable of recharging a set of fully discharged batteries within 12 hours.
4. To protect against corrosion, the cabinets must be constructed of heavy gauge aluminum, grade 5052-H32 or better and shall be used in harsh environmental locations. Painted-steel or polyester-based cabinets will not be acceptable. Cabinets shall utilize a foam-in-place gasket design to insure complete sealing of the box against elements.
5. The electronics housing shall have a NEMA4X or IP66 rating. The batteries must be in a separate vented enclosure with a NEMA3 or IP45 rating. Connections between cabinets must be sealed against the flow of air or battery gasses. Convenient mounting brackets shall be included for pole or wall mounting.
6. All exposed metal surfaces, unless stainless steel or aluminum, shall be properly finished to inhibit deterioration and corrosion due to the weather and sun.
7. All internal wiring for siren operation shall be permanently secured and protected from direct precipitation. All wiring entranceways to enclosures housing electronic equipment shall not preclude wall mounting.
8. Sirens shall operate in temperature ranges of -30 degrees C to +60 degrees C while batteries are maintained at -18 degrees C or higher. The effects of rain, ice, or snow shall not hinder operations. Battery warming blankets shall be provided with thermostat control.
9. All sirens shall have sufficient mechanical strength and sufficient torque to withstand and operate in winds of up to 100 mph.
10. The control unit must provide reasonable lightning and surge protection devices on the power input to protect the unit from electrical surges. The controller shall also provide grounding for all major electrical components. AC Power Input, Batteries and the transceiver shall be individually fused.
11. In compliance with FEMA CPG 1-17 Outdoor Warning Systems Guide, sirens shall not produce sound pressure level greater than 123dB at ground level to prevent hearing damage. This must be certified by the manufacturer.
12. Sirens shall include adjustable mounting brackets for varying size poles, and shall be easily removable for mounting on flat surfaces of roofs of buildings.

13. Sirens and control units (including battery enclosures) shall be mounted on 50' Class II utility poles. Sirens must be mounted 45 to 50 feet above ground level.
14. The siren and control unit must have a programmable controller at each control unit site. This shall include features for on-site activation and battery testing.

### **System Activation and Control Remote Stations**

1. The bidder shall provide a quotation to supply each remote siren site with a two-way controller that is capable of receiving and decoding information sent from the central station and activate the necessary warning signals. The RTU shall utilize FSK code for all communication between the central control points and the siren site.
2. Each RTU shall also be capable of activation via DTMF and two-tone sequential protocols in addition to the FSK coding, without additional programming or hardware.
3. If the RTU does not fit inside the Siren Controller, the RTU cabinet shall be constructed of heavy gauge Aluminum, grade 5052-H32 or better, and shall be used in harsh environmental locations.  
The electronics housing shall have a NEMA4X or IP66 rating. Convenient mounting brackets shall be included for pole or wall mounting.
4. The RTU shall be programmable for signal length, signal timing, and zone configuration. Programming the RTU shall occur without any hardware changes, and shall be possible via a local PC interface, and also over the RF channel from any control point. The control unit must have convenient terminals for connecting landline and radio activation lines.
5. It shall be capable of communicating with other remote sites functioning as a repeater for the purpose of transmitting activation, and report back codes to and from central control point(s). The system shall provide two distinct paths with up to nine (9) RTU "hops" between the siren and the central control.
6. It shall automatically report-back any loss of AC power, low battery condition, cabinet intrusion, and local activation.
7. It shall be capable of future diagnostics on the remote sites using information provided by remote sensors. Sensor inputs provided shall be:
  - a. AC power
  - b. Low battery
  - c. Rotator motor current
  - d. Main motor current
  - e. IntrusionThis information shall be capable of being transmitted (in the future) to the central control station via the Radio Transceiver.
8. The RTU shall utilize a single printed circuit board (PCB) design to minimize connections. The PCB shall utilize a single chip design for all program, memory, and micro-processing for increased reliability. The RTU PCB shall also include an integral radio modem, and the manufacturer shall have produced a single PCB design RTU for over five years. If multiple PCBs are required, the connection between the boards shall utilize gold-plated pin connectors.
9. The RTU shall include a polyphaser (antenna connector/lightning protection.)

## **Warranty**

The bidder shall warrant each new product to be free from defects in material and workmanship, under normal use and service, for a period of two years on parts replacement and factory-performed labor (one year for software products) from the date of delivery. The bidder shall warrant each siren to be free from defects in material, under normal use and service for a period of five years.

During this warranty period, the obligation of the bidder shall be limited to repairing or replacing any part or parts of such product, which after examination discloses to be defective in material and/or workmanship. The bidder will provide warranty for any unit delivered, transported prepaid, to the bidder's factory or designated authorized warranty service center for examination and such examination reveals a defect in material and/or workmanship.

The Bidder shall provide a recommended spare parts list, including quantities and prices.

The Bidder shall provide a description of their technical support capabilities with respect to telephone and electronic support capability, as well as, the extent of local on-site support capability and availability.

## **Installation and Commissioning**

The bidder shall provide a turn-key installation of the system. The bidder shall perform a physical survey to identify and recommend siren locations. The bidder shall provide the pole and all materials necessary for a complete installation. All cabling shall be enclosed in aluminum conduit. PVC pipe will not be acceptable. The Siren Head (top of the pole), each cabinet, and the antenna shall be individually grounded. The installer shall test and verify that all ground wires are properly installed, and register no more than 5 Ohms resistance. Installation shall include verification of the radio alignment, including insuring that forward and reflective power are within acceptable levels.

The bidder shall provide with the bid a complete description of how installations services will be provided.

The customer shall be responsible for bringing AC Power to the pole. The bidder shall provide an AC Disconnect box and AC Power Lightning Protection. The installer shall insure that Batteries, chargers, the Radio, and the RTU PCB are properly fused.

Upon completion of the installation, the siren system provider will perform System Optimization/Commissioning Services to confirm correct installation and programming, check all system components, and insure complete system operation.

The Buyer has pre-selected potential locations for the sirens. It is the Bidder's responsibility to review these sites before bidding. If the Bidder recommends moving a location, a written explanation should be provided. However, the Buyer must be given costs to install the sites based on the pre-selected sites.

The bidder must provide siren installation services that meet the following specifications:

1. The Bidder must provide a cost to install all siren equipment proposed above.
2. All Installation services must meet local codes.
3. All installation services must be complete, and include all materials and services necessary for the system to operate properly. These services include, but are not limited to, the following:
  - a. Pole Installation
  - b. Traffic Control
  - c. Site Restoration
  - d. Power Trenching
  - e. Power Boring
4. Costs for services that cannot be determined at this time will be bid on a time and material basis. The Buyer will use these costs in determining where sites will be placed and evaluation of the overall bid. Provide costs for the following:
  - a. Underground Excavation of Rock - A cost per hour will be provided in the event that the initial excavation encounters rock, or any other material, that would prevent a siren from being installed at a site. (Bidder must provide information on what type of equipment will be used for the initial excavation. Example: Digger Derick)
  - b. All installations will require that any wiring, other than short runs of antenna cable, be installed in aluminum conduit. Short runs, under 3', of armored flexible conduit are allowed.
5. Documentation showing a typical Installation, and the material used, must be provided with the bid.

## **SECTION 6 - INFORMATION REQUIRED FROM PROPOSERS (PROPOSAL FORMAT)**

In order to be deemed responsive, proposals must be submitted in the format outlined below:

### **Administrative Proposals**

1. **Statement of the Project:** State in precise terms a description of the project and work items involved in the proposal to indicate your understanding of the project. Include a narrative description of the product that will be delivered and your approach to the project. Include in the work plan the time frame or schedule to which you would adhere based on staffing and current workload.
2. **Labor Requirements, Staff Qualifications & Experience:** The contractor must be able to provide an appropriate, experienced and knowledgeable team. Include the number personnel by skill and qualification that will be involved in providing the services. Identify key individuals by name and title. Provide licensing and

other qualifications of key personnel that are proposed to be involved in the project.

3. Additional information and comments include any other information that is believed to be pertinent but not specifically asked for elsewhere. Genesee County welcomes innovative and unique strategies from proposers.
4. Project Management, the Project Manager must be readily accessible to County personnel. Response to this bid should include a proposal to address and clarify all aspects of project administration, quality assurance, variation and change control, contract deliverables, budget and cost control, schedule control, and internal/external coordination.

Submit the required submittals contained in the RFP that are required to substantiate a responsive proposal as indicated below.

1. Business organization, state the full name and address of your organization, and, if applicable, the branch office or other subordinate element that will perform or assist in performing the work. Include the names and phone numbers of personnel at your organization authorized to negotiate the proposed contract.
2. Statement of Exceptions: See Section 1.7 for clarification.
3. Signed Signature Page: See page 16 of this solicitation.
4. References: See page 17 of this solicitation. Prior experience with similar projects is essential for any firm to provide the services required in this solicitation. This section shall consist of a minimum of three (3) references with project descriptions. In addition, contact information for each reference shall be provided with the name, address, phone number and email address. The contacts for each reference must be knowledgeable of the offeror's performance on the referenced project and the scope of services performed by the proposer.
5. Cost Proposal: page 14

## **SECTION 7 - EVALUATION CRITERIA & SELECTION PROCEDURE**

It is the intent of the Office of the Genesee County Sheriff to conduct a comprehensive, fair, and impartial evaluation of proposals received.

The following criteria, will be used in the evaluation of submitted proposals relative to the project referenced in Scope of Work and the Proposal Form. Qualifications of the proposer will be considered first and a proposer must have a minimum of 70% of the total Criteria points to move on to the next step and cost be considered.

	Criteria	Possible Points
	<u>A. Prior Experience:</u> This refers to the nature and extent of prior experience with similar projects, previous experience with Genesee County or other municipalities including the years that the firm or organization has been in business.	20
	<u>B. Capability:</u> The capability, reliability and capacity of the proposer to provide the desired equipment and services. This includes but not limited to possessing the appropriate equipment and licensed staff necessary to complete the work. Schedule and service delivery approach to the project This criterion includes the ability of the proposer to meet the terms of the RFP. Emphasis will also be placed on the soundness of the proposer's approach to the siren installation as presented in the Scope of Work.	20
	<u>C. Qualifications of Personnel:</u> This refers to the competence of the personnel who would be assigned to the job by the successful firm. Qualifications of personnel will be measured by education and experience, with reference to experience on projects similar to that described in this RFP. Emphasis will also be placed upon the qualification of the project manager and the amount of time planned for this project by the proposer.	20

Total Cost for the sirens and installation of the site referenced in this solicitation. 40 points. Total points awarded for price will be determined by applying the following formula: (Lowest Proposed Price/Proposer's Price) X 40 Points Possible = Price Score.

Genesee County reserves the right not to be limited to the lowest cost proposal.

## Cost Proposals

Price for materials good until \_\_\_\_\_ (provide a date)

Estimated time of delivery from order date \_\_\_\_\_ day(s)

COMPANY NAME: \_\_\_\_\_

See SECTION 5 - SCOPE OF WORK

SECTION **Installation and Commissioning** for all detail of installation

Description	Quantity	Price Each	Total
Federal Signal 2001 AC/DC rotating electro-mechanical outdoor warning siren with (DC) backup	24		
New Controller with RTU and Transceiver	24		
Installation of all equipment provide the pole and all materials necessary for a complete installation. All installation services must be complete, and include all materials and services necessary for the system to operate properly. These services include, but are not limited to, the following: a. Pole Installation b. Traffic Control c. Site Restoration d. Power Trenching e. Power Boring	24		
New Remote Siren Sites physical survey to identify and recommend siren locations	24		
	Minimum Cost	Cost per hour	
Underground Excavation of Rock			
If needed attach addition page(s) to itemize any other costs for required services			
Testing			
Training			
Maintenance			

### Underground Excavation of Rock –

A cost per hour will be provided in the event that the initial excavation encounters rock, or any other material, that would prevent a siren from being installed at a site. (Bidder must provide information on what type of equipment will be used for the initial excavation. Example: Digger Derick)

**SIGNATURE PAGE**  
**GENESEE COUNTY RFP #17-104**  
**GENESEE COUNTY WARNING SIRENS**

The undersigned represents that he or she:

1. is duly authorized to make binding offers on behalf of the company,
2. has read and understands all information, terms, and conditions in the RFP,
3. has not engaged in any collusive actions with any other potential proposers for this RFP,
4. hereby offers to enter into a binding contract with Genesee County for the products and services herein offered, if selected by Genesee County within 120 days from proposal due date,
5. certify that it, its principals, and its key employees are not "Iran linked businesses," as that term is described in the Iran Economic Sanctions Act, P.A. 2012, No. 517, codified as MCL 129.311, et seq.
6. acknowledges the following addenda \_\_\_\_\_ issued as part of the RFP:

**Conflict of Interest:**

\_\_\_\_ To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other County contracts, or property interest for this proposal.

OR

\_\_\_\_ The undersigned firm by attachment to this form, submits information which may be a potential conflict of interest due to other County contracts, or property interest for this Proposal.

**Exceptions** to Solicitation and/or Standard Contract: NO \_\_\_\_\_ YES \_\_\_\_\_ (include attached statement)

Name (typed): \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_

Federal Employee Identification Number (FEIN): \_\_\_\_\_

DUNS Number: \_\_\_\_\_

Date: \_\_\_\_\_

**Contact Person of company representative for matters regarding this RFP**

\_\_\_\_\_  
CONTACT NAME POSITION

\_\_\_\_\_  
E-MAIL

\_\_\_\_\_  
MAILING ADDRESS CITY STATE ZIP CODE

\_\_\_\_\_  
PHONE FAX



## REFERENCES

List 3 references of similar projects

Submitted by: \_\_\_\_\_

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<b>1. Company</b>	<b>Phone Number</b>
Contact Name and Position	E-mail Address
	\$
Type of Work/ Project	Dollar Amount of the Project
Project Description	

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<b>2. Company</b>	<b>Phone Number</b>
Contact Name and Position	E-mail Address
	\$
Type of Work/ Project	Dollar Amount of the Project
Project Description	

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<b>3. Company</b>	<b>Phone Number</b>
Contact Name and Position	E-mail Address
	\$
Type of Work/ Project	Dollar Amount of the Project
Project Description	

## Addendum A - New Siren Locations

Siren # / Location	Latitude	Longitude	Verification of Location / Notes
1	42.889286	-83.533348	Location is approximately 21' from the road, is that still within the road right-of-way as noted in the application spreadsheet?
Atlas			<b>Note 1:</b> This site is actually 44' from the center line of the road. Location has already been confirmed with Genesee County Road Commission.
2	42.94080	-83.50468	Location is within a line of trees, but the spreadsheet notes the location as an open grassy area.
Atlas			<b>Note 2:</b> The siren is located in an area that consists of tall grass and short brush (4'-6' tall). The tree line is further back away from the siren and will not interfere with the installation.
3	43.07848	-83.836334	No question.
Flushing Township			<b>Note 3:</b> No question.
4	43.093281	-83.815202	The location is at the edge of the building, but the spreadsheet notes the location as an open grassy area requiring trenching for electrical.
Flushing Township			<b>Note 4:</b> The siren is located in a grassed-in area, adjacent to the building along the sidewalk. A 15' underground trench will be required to get the electrical to the siren.
5	43.10285	-83.86736	No question.
Flushing Township			<b>Note 5:</b> No question.
6	43.04895	-83.860336	No question.
Flushing Township			<b>Note 6:</b> No question.
7	43.03568	-83.85165	Location is approximately 35' from the road, is that still within the road right-of-way as noted in the application spreadsheet?
Clayton			<b>Note 7:</b> The siren is actually 44' from the center line of the road. This location has been confirmed by the Genesee County Road Commission.
8	43.029873	-83.910057	No question.
Clayton			<b>Note 8:</b> No question.

9	43.00039	-83.83007	No question.
Clayton			<b>Note 9:</b> No question.
10	42.968662	-83.870323	The spreadsheet describes the location as an open grassy area but the location is within a tree line.
Clayton			<b>Note 10:</b> The siren site is located in an area that consists of low shrubs and grass. This was reverified by checking the photographs of the area.
<b>Siren # / Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Verification of Location / Notes</b>
11	43.063641	-83.519699	The spreadsheet describes the location as an open grassy area but the location is within a tree line. The spreadsheet also notes this location as in the right-of-way and on the edge of the right-ofway, please confirm the site is within the right-of-way.
Richfield Township			<b>Note 11:</b> Siren is located 32' from the center line of the road and in the right-of-way. The siren is adjacent to an existing powerline pole. There are no trees in the immediate area where the siren is to be installed.
12	42.97480715	-83.67153823	The spreadsheet describes the location as a landscaped area; however, the location is adjacent to a city building on a paved sidewalk or driveway.
Burton			<b>Note 12:</b> The siren is located in the landscape area on the west side of Burton Fire Station #1. This is a small landscaped area between the building and the parking lot. The material is loose rock, not a concrete sidewalk. The existing siren is located in a landscape area that consists of small stone. The existing siren/siren pole will be removed and a new siren/siren pole installed in the exact same location. <b>Correct GPS coordinates are:</b> N 42.974815 W-83.671577. Existing conduit is in place for the underground service.
13	43.01031488	-83.59565301	The spreadsheet describes the location as a landscaped area; however, the location is adjacent to a city building on a paved driveway.

Burton			<b>Note 13:</b> This site is located in the rear, west of the Burton Belsay Rd Fire Station. The existing siren is located in a landscape area that consists of small stone. The existing siren/siren pole will be removed and a new siren/siren pole installed in the exact same location. <b>Correct GPS coordinates are:</b> N 43.010342 W83.596001. Existing conduit is in place for the underground service.
14	43.03347 582	-83.615881 22	The spreadsheet describes the location as a landscaped area; however, the location is adjacent to the building within what appears to be a mechanical area.
Burton			<b>Note 14:</b> This siren is located in the rear, north of the Burton Davison Rd Fire Station in a grassy area. The existing siren/siren pole will be removed and a new siren/siren pole installed in the exact same location. <b>Correct GPS coordinates are:</b> N 43.03352 W83.615913. Existing conduit is in place for the underground service.
15	42.98905 998	-83.633223 06	The spreadsheet describes the location as a landscaped area and within the road right-of-way; however, the location is within the paved parking lot for the building.
<b>Siren # / Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Verification of Location / Notes</b>
Burton			<b>Note 15:</b> This siren is located in a grassy area on the east side of the Burton Library, just south of the parking lot. <b>Correct GPS coordinates are:</b> N 42.989021 W-83.63324. A 12' underground trench will be required to get the electrical to the siren.
16	42.97639 092	-83.5939002	No question.
Burton			<b>Note 16:</b> No question.
17	42.872731	-83.848826	Location is approximately 33' from the road, is that still within the road right-of-way as noted in the application spreadsheet?
Gaines Township			<b>Note 17:</b> This siren location is 30' south of the centerline of the road and is within the road rightaway.
18	42.927013	-83.910189	No question.
Gaines Township			<b>Note 18:</b> No question.
19	43.026802	-83.553658	No question.

Davison Township			<b>Note 19:</b> No question.
20	43.000622	-83.543404	No question.
Davison Township			<b>Note 20:</b> No question.
21	42.928534	-83.778534	No question.
Mundy			<b>Note 21:</b> No question.
22	42.903877	-83.789734	Location is approximately 20' from the road, is that still within the road right-of-way as noted in the application spreadsheet?
Mundy			<b>Note 22:</b> Siren is located 31' from centerline and is within the road rightaway.
23	42.899662	-83.758514	No question.
Mundy			<b>Note 23:</b> No question.
24	42.885569	-83.706032	No question.
Mundy			<b>Note 24:</b> No question.

## **Addendum B – Siren Coverage**

Located as a separate document on website (Addendum B – Siren Coverage)

## **SUBGRANT AND TRANSFER OF EQUIPMENT AGREEMENT**

This Sub grant and Transfer of Equipment Agreement (this “Agreement”) is entered into between the County of Genesee, a Michigan municipal corporation (the “County”) and [LOCAL UNIT], a Michigan municipal corporation located within Genesee County (the “Local Unit”) (the County and the Local Unit together, the “Parties”).

WHEREAS, Genesee County is a member of the Region 3 State Emergency Management District, consisting of Alcona, Bay, Arenac, Genesee, Gladwin, Huron, Iosco, Lapeer, Midland, Ogemaw, Oscoda, Saginaw, Sanilac, and Tuscola Counties;

WHEREAS, the Region, through the Region 3 Homeland Security Planning Board, has accepted annually, and will continue to accept, the Homeland Security Grant Program Grant (the “HSGP”), the Law Enforcement Terrorism Prevention Program Grant (the “LETPPG,” the HSGP and the LETPPG together, the “Grants”) from the Emergency Management Division of the Michigan Department of State Police ( the “EMD”); and

WHEREAS, Genesee County is the Fiduciary under the HSGP and the LETPPG, and is responsible for purchasing Grant funded equipment for distribution to the participating members of the Region 3 State Emergency Management District; and

WHEREAS, the County have executed the Homeland Security Grant Program Interlocal Funding Agreement, and, under that agreement, the County is responsible for distributing equipment purchased with Grant funds to municipalities within the County, and ensuring that the terms and conditions of the Grants are complied with by the County and the end users of the Grant funded equipment; and

WHEREAS, the County and the Local Unit wish to establish a procedure for transferring Grant funded equipment from the County to the Local Unit, and ensuring that the Local Unit will comply with the terms of the Grants.

NOW THEREFORE, the Parties agree as follows:

1. When the County receives equipment designated to be transferred to the Local Unit (“Equipment”), the County will provide to the Local Unit an Equipment Transfer Form, a sample of which is attached to this Agreement as “Exhibit B.” The Local Unit has designated at least two officials, identified on Exhibit A by their titles, who may sign the Equipment Transfer Form to accept the Equipment on behalf of the Local Unit.
2. The Genesee County Emergency Management/Homeland Security Manager (the “Emergency Manager”) is authorized to execute the Form on behalf of Genesee County. Upon execution of an Equipment Transfer Form by the Emergency Manager, the County transfer’s ownership of the Equipment identified on the

Form to the Local Unit, effective as of delivery of the Equipment, and the Local Unit accepts that transfer.

3. The Local Unit acknowledges that all Equipment is provided subject only to the warranties provided by the manufacturer. The County expressly disclaims all warranties related to the Equipment or its use. The County makes no warranty of merchantability or fitness for a particular use.
4. The Local Unit must insure and maintain all Equipment in working condition throughout its useful life. The Equipment will be readily available to the County for inspection in times of an audit and for response to an incident within Genesee County, including, but not limited to, a terrorism event.
5. The Local Unit is responsible for all cost and expense of any environmental studies required by federal, state, or local law prior to installation or use of any Equipment.
6. The Local Unit will pay any applicable user fees related to any Equipment and will not sell or otherwise dispose of any Equipment without the written consent of the County.
7. All liability to third parties arising out of the use of the Equipment by the Local Unit, and any loss or damage as a result of claims, demands, costs or judgments, arising out of the use of the Equipment by the Local Unit, shall be the responsibility of the Local Unit, and not the responsibility of the County, provided that nothing herein shall be construed as a waiver of any governmental immunity that has been provided to the Local Unit, its officials, or its employees by statute or court decisions.
8. The Local Unit will execute a document transferring ownership of any Equipment back to the County upon the occurrence of either of these conditions:
  - a. Discontinuation of use of the Equipment by the Local Unit; or
  - b. Receipt by the Local Unit of notice from the County that it has been determined, by either the United States Department of Homeland Security (DHS), EMD, any successor or affiliated governmental agency of DHS or EMD, the County or any court, that the County should not have transferred ownership of the Equipment to the Local Unit.
9. The Local Unit certifies that it is aware of the following laws, regulations and guidance documents which apply to the Equipment and the transfer of ownership (collectively, the "Standards"), and the Local Unit agrees to use all Equipment provided in accordance with the Standards and to comply with the Standards to the extent they are applicable to the Local Unit:
  - a. Public Law (P.L.) 108-90, the Homeland Security Appropriations Act of 2004



- b. P.L. 107-296, the Homeland Security Act of 2002
  - c. P.L. 107-56, USA Patriot Act of 2001
  - d. Office of Management and Budget (OMB) Circulars A-87, A-102, A-133  
<http://www.whitehouse.gov/omb/circulars/index.html>
  - e. Title 28, Code of Federal Regulations (CFR)  
<http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1>
  - f. DOJ OJP Office of the Comptroller, *Financial Guide* [www.oip.usdoj.gov/oc](http://www.oip.usdoj.gov/oc)
  - g. DOJ Office for Civil Rights [www.ojp.usdoj.gov/ocr](http://www.ojp.usdoj.gov/ocr)
  - h. DHS Equipment Standards  
[http://www.dhs.gov/dhspublic/interapp/editorial\\_0420.xml](http://www.dhs.gov/dhspublic/interapp/editorial_0420.xml)
  - i. Michigan Emergency Management Division: [www.michigan.gov/emd](http://www.michigan.gov/emd)
  - j. ISIP Information: [www.shsasresources.com](http://www.shsasresources.com)
10. Certification: The individual or officer signing on behalf of the Local Unit certifies by his/her signature that
- a. He/She is authorized to sign this Agreement on behalf of the Local Unit;
  - b. All terms of the Agreement will be appropriately adhered to; and
11. Records and detailed documentation for the installation, use, and maintenance of the Equipment will be maintained for a period of not less than six years after the execution of the Equipment Transfer Form.
12. This Agreement is effective upon execution by the last Party to do so, and lasts until terminated in writing by either Party upon 30 days' written notice.

[SIGNATURE PAGE FOLLOWS]

LOCAL UNIT

COUNTY OF GENESEE

\_\_\_\_\_  
CEO. Highest Elected Official

\_\_\_\_\_  
Mark Young, Chairperson  
Genesee County  
Board of Commissioners

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Approved as to form:

\_\_\_\_\_  
Office of the Prosecutor-Civil Division

Date:\_\_\_\_\_

EXHIBIT A

**AUTHORIZED SIGNATORIES FOR LOCAL UNIT**

1) \_\_\_\_\_  
Title

2) \_\_\_\_\_  
Title

3) \_\_\_\_\_  
Title

EXHIBIT B

**EQUIPMENT TRANSFER FORM**

LOCAL UNIT: \_\_\_\_\_

DESCRIPTION OF EQUIPMENT

FOR THE LOCAL UNIT

By executing this Equipment Transfer Form, the designated official below warrants that they have been authorized by the Local Unit to accept the Equipment described above, and agrees on behalf of the Local Unit to abide by the terms of the SUBGRANT AND TRANSFER OF EQUIPMENT AGREEMENT executed between the Local Unit and Genesee County, and the Standards therein described.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

FOR THE COUNTY

By executing this Equipment Transfer Form, the Emergency Manager hereby transfers ownership of the described Equipment to the Local Unit, subject to the terms and conditions of the SUBGRANT AND TRANSFER OF EQUIPMENT AGREEMENT executed between the Local Unit and Genesee County, and the Standards therein described.

\_\_\_\_\_  
Emergency Manager

\_\_\_\_\_  
Date