



REQUEST FOR PROPOSALS (RFP)

Department of Administration
County of Dane, Wisconsin

COUNTY AGENCY

Dane County Emergency Management

RFP NUMBER

111065

RFP TITLE

Siren Control and Warning System Improvements

PURPOSE

The purpose of this document is to provide interested parties with information to enable them to prepare and submit a proposal for outdoor warning siren system control and warning and notification system improvements.

**DEADLINE FOR
RFP SUBMISSIONS**

October 12, 2011
2:00 P.M. Central Time

LATE, FAXED, ELECTRONIC MAIL OR UNSIGNED PROPOSALS WILL BE REJECTED

**SUBMIT RFP TO
THIS ADDRESS**

DANE COUNTY PURCHASING DIVISION
ROOM 425 CITY- COUNTY BUILDING
210 MARTIN LUTHER KING JR BLVD
MADISON, WI 53703-3345

**VENDOR
CONFERENCE**

Mandatory Vendor Conference - Monday, September 12, 2011 at 1:00 P.M. CST
At Dane County Emergency Management
115 West Doty Street, Room 2107
Madison, WI 53703

**SPECIAL
INSTRUCTIONS**

- Label the lower left corner of your sealed submittal package with the RFP number**
- Place the Signature Affidavit as the first page of your proposal**
- Submit one original and (5) copies of your technical proposal**
- Submit one original and (5) copies of your cost proposal**
- Submit one complete electronic copy in Microsoft Word or PDF format burned to a CD or DVD**

**DIRECT ALL
INQUIRES TO**

NAME	Francisco Silva
TITLE	Purchasing Agent
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WEB SITE	www.danepurchasing.com

DATE RFP ISSUED: 8/18/11

TABLE OF CONTENTS

- 1.0 GENERAL INFORMATION
 - 1.1 Introduction
 - 1.2 Scope
 - 1.3 Definitions
 - 1.4 Clarification of the specifications
 - 1.5 Addendums and or revisions
 - 1.6 Calendar of events
 - 1.7 Vendor conference
 - 1.8 Contract term and funding
 - 1.9 Reasonable accommodations
- 2.0 PREPARING AND SUBMITTING A PROPOSAL
 - 2.1 General instructions
 - 2.2 Proprietary information
 - 2.3 Incurring costs
 - 2.4 Vendor registration
 - 2.5 Submittal instructions
 - 2.6 Required copies
 - 2.7 Proposal organization and format
 - 2.8 Multiple proposals
 - 2.9 Oral presentations and site visits
 - 2.10 Demonstrations
- 3.0 PROPOSAL SELECTION AND AWARD PROCESS
 - 3.1 Preliminary evaluation
 - 3.2 Proposal scoring
 - 3.3 Right to reject proposals
 - 3.4 Evaluation criteria
 - 3.5 Award and final offers
 - 3.6 Notification of intent to Award
- 4.0 GENERAL PROPOSAL REQUIREMENTS
 - 4.1 Introduction
 - 4.2 Organization capabilities
 - 4.3 Staff qualifications
 - 4.4 Proposer references
- 5.0 TECHNICAL REQUIREMENTS
 - 5.1 Overview of technical requirements
 - 5.2 Technical requirement 1
 - 5.3 Technical requirement 2
- 6.0 COST PROPOSAL
 - 6.1 General instructions on submitting cost proposals
 - 6.2 Format for submitting cost proposals
 - 6.3 Fixed Price Period
- 7.0 SPECIAL CONTRACT TERMS AND CONDITIONS
 - 7.1 Payment requirements
 - 7.2 Liquidated damages
 - 7.3 Performance bonds

7.4 Domestic Partner Equal Benefits Requirement

8.0 REQUIRED FORMS

ATTACHMENTS

- A. Signature Affidavit
- B. Vendor Registration Certification
- C. Reference Data Sheet
- D. Designation of Confidential and Proprietary Information
- E. Fair Labor Practices Certification
- F. Cost /Financial Proposal

9.0 STANDARD TERMS & CONDITIONS

1.0 GENERAL INFORMATION

1.1 Introduction

The County intends this RFP to secure competitive proposals. System design concept statements contained in this and subsequent sections are intended to establish a general framework and quality level of the communications system desired. Proposers are required to offer equipment, software, supplies and/or services to produce a turnkey, comprehensive solution to the design concepts described herein. The County expects to review creative, competitive solutions that address the needs of the public safety and public service users in Dane County. All proposers are encouraged to respond to the RFP as written. Adherence to specifications is strongly desired, however if proposers take exception to any requirement of the RFP, the exceptions must be clearly stated and noted with supporting documentation. If alternative models or approaches are proposed by vendor, they should be proposed as alternates and not in place of responding to the RFP as written.

The purpose of this document is to provide interested parties with information to enable them to prepare and submit a proposal for outdoor warning system control and warning and mass notification system improvements.

Dane County, Wisconsin, (County) intends to use the results of this process to award a contract(s) or issuance of purchase order for the product(s) and or services(s) stated above.

The contract(s) resulting from this RFP will be administered by Dane County, Department of Emergency Management.

The contract administrator will be David Janda, Interim Director.

This Request for Proposal (RFP) is issued on behalf of the County by the Purchasing Division, which is the sole point of contact for the County during the procurement process.

1.2 Scope of the Project

1.2.1 Project Description

- A. Dane County is seeking proposals which best provide a comprehensive, intuitive, centralized warning system, Dane County Public Warning System, (DCPWS). This system is expected to integrate National Weather Service (NWS) warnings, existing outdoor siren systems, automated emergency notification systems (to include telephone, text, email, and TDD/TTY), the Emergency Alert System, and an email alerting system.
- B. The project will include replacement of existing simplex, VHF siren radios with duplex, UHF radios, siren control/activation electronics and replacement of the existing automated mass notification system. Replacement or relocation of sirens is not within the scope of this project.
- C. The contractor(s) will provide the following:
 - 1. Installation and setup of the system
 - 2. Integration of system components and software where applicable
 - 3. For optimal use of the system, equipment and system training for county personnel
 - 4. Technical support seven days per week, 24 hours per day

1.2.2 Existing Systems

The DCPWS central controller is connected to microwave infrastructure on the County's public safety radio system. Activation signals travel from the City/County building to primary and backup base stations operating in low-band VHF, simplex mode. Signals are sent from base stations to pole-mounted sirens equipped with low-

band antennas and radios, batteries and power supplies. Communications between controllers and individual sirens occur via Zetron® proprietary protocols. Figure 1 provides a map of all Dane County warning siren locations.

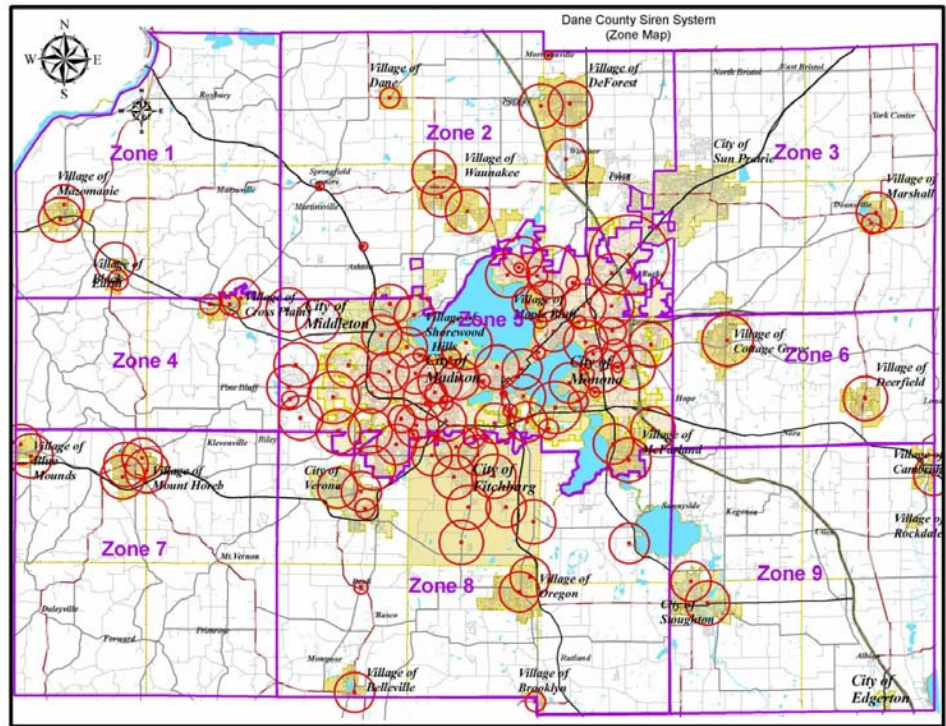


Figure 1 – Dane County Warning Siren Locations

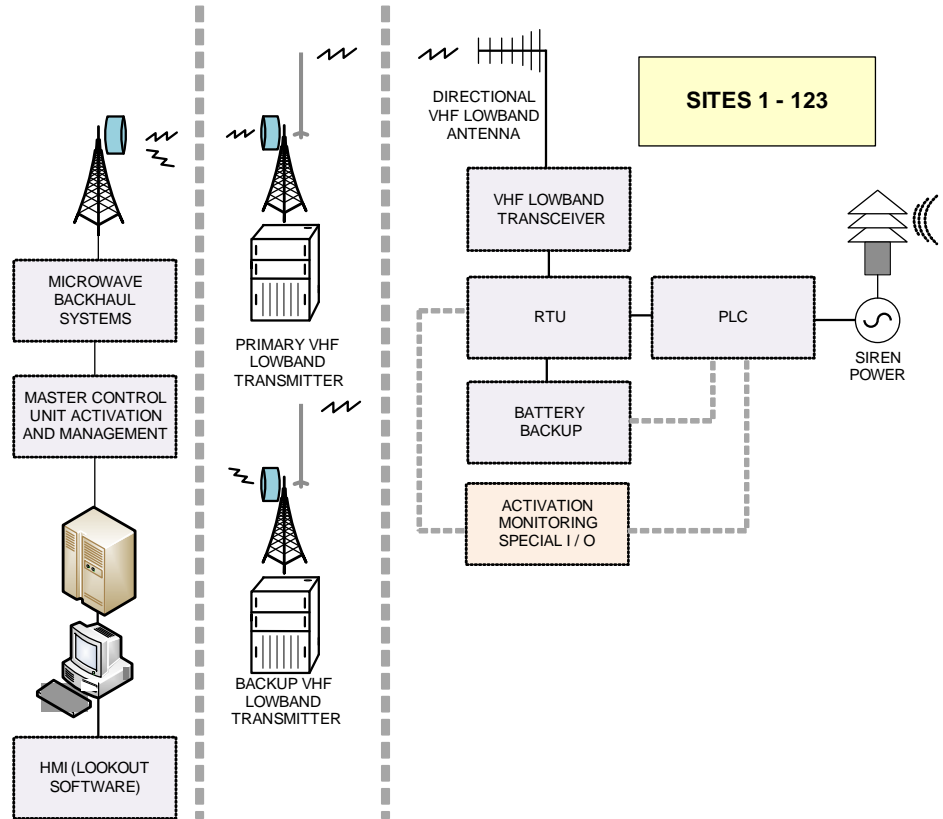
- A. The following is a list of the major components of the existing warning siren system:
1. Dane County utilizes 123 outdoor sirens stationed at various locations throughout the county. Appendix H lists exact siren locations.
 2. The county is divided into nine geographic zones (See Figure 1).
 3. Currently only a single channel simplex low band VHF frequency is used for alert control as well as remote

data monitoring from each site.

4. Sirens operate from a pole-mounted or roof-mounted low-band antenna and radio enclosed in weatherproof cabinets which include power supply and back up battery.

1.2.2.1 Existing Supervisory Control and Data Acquisition (SCADA)

- A. The existing SCADA systems consist of five basic elements or subsystems:
 1. Human-machine interface (HMI) software and supervisory system: Lookout v4.0.1
 2. Controller which gathers data and sends commands: Zetron® Model 1700 Controller
 3. Remote Terminal Units (RTU) that convert signals and provide them to the supervisory system in the form of digital data: Zetron® model 1708 RTU
 4. Programmable Logic Controller (PLC) field devices: GE Fanuc PLC
 5. A communication infrastructure connecting the supervisory system to the RTUs: the County microwave network and low band VHF radio network



Existing Siren Control Network		
Dane County	March 2011	Federal Engineering

Figure 2 - Dane County Existing Siren Network

B. Dane County sirens can be activated individually, by zone, or by sequence of zones. More granular “dynamic” selection/grouping of sirens such as utilizing weather service tornado polygon data to customize and automate the siren selection process is desired, but not possible with the current system.

1.2.2.2 REVERSE 911[®]

Dane County's REVERSE 911 system, a system designed to deliver recorded emergency notifications to a group of people by telephone in defined geographical areas, serves several purposes such as community warnings, special notification of teams and resources, and text-based alerting to Text Telephone (TTY) devices.

- A. This REVERSE 911 system operates on a Cassidian Communications' REVERSE 911 (v6.1.2) system. The system is configured on the County's phone system which has 48 phone lines (2 x T1) for telephony-based notifications. Dane County subscribes to a mass call feature. Vendor support is provided through a year-to-year maintenance and support agreement.
- B. This map-based system is primarily used for citizen telephone notifications by geographic region, though it is also used to issue text-based alerts to TTY devices and for mobilizing County response teams (limited use and functionality).

1.2.2.3 Broadcast Emergency Alerting System (EAS)

- A. Dane County Emergency Management and the National Weather Service (NWS) cooperate in the event of a local emergency. A cooperative agreement between the two entities and local broadcast media allows the County to activate the broadcast EAS for local emergency messages.
- B. The NWS is the primary entry point for county-originated messages. Currently, messages are sent to the NWS via telephone and/or fax. The NWS has also agreed to broadcast emergency messages over the National Oceanic and Atmospheric Administration (NOAA) weather transmitter and the Weather Wire Service.

1.2.2.4 EAS E-mail

- A. Originating from a custom-developed application, e-mail alerts are sent to subscribing citizens during emergency events. At present there are approximately 1,500 resident subscribers in addition to County employees receiving e-mail alerts. Messages are derived from the text output of the EAS header. The EAS decoder in the Emergency Operations Center (EOC) can automatically activate e-mail messages as required.

1.2.3 Objectives

- A. The County seeks the most economical, effective, and reliable means to alert the public of severe weather and other community-level emergencies in Dane County.
- B. The County wants to update the remote control system used to activate, test, and monitor the outdoor warning sirens located across the County.
- C. The County would like to update its automated telephone call-out system to increase capacity with negligible additional cost. Additionally, the County would like to enhance capabilities for delivering text alerts via email and mobile devices.
- D. The County would like to integrate the various components of county warning to a centralized control system to provide a streamlined process for activating alerting tools.
- E. The County would like to be prepared to take advantage of a developing federal initiative the Integrated Public Alert and Warning System (IPAWS) being developed by the Federal Emergency Management Agency (FEMA) designed to enhance alerts and warnings at local levels.

F. The following example is an operational scenario Dane County desires:

1. In a severe weather event, the National Weather Service (“NWS”) would issue a watch or warning according to common practice. The watch or warning would include geographic boundaries of the affected area through Geographic Information System (GIS) map polygon data. The DCPWS would “subscribe” to these watches or warnings, automatically importing the polygon and displaying it on a browser-based GIS map interface.
2. Credentialed users would log into the interface and be presented with a map of the County including the polygon from the NWS watch or warning. Locations of sirens as well as homes and businesses would have been placed on the maps through a geo-coding process.
3. For the sirens, geographic coverage area would exist for each siren. However, exceptions will exist where a geographic coverage area may contain more than one siren (dependent on preferences or unique circumstances within towns). For citizen addresses, associated telephone numbers would be included.
4. From the interface, users could choose any or all of five types of notifications:
 - a. Sirens
 - b. Telephone, text, TDD/TTY for the public based on GIS parameters

- c. Telephone, text, TDD/TTY for groups based on “business rules”
 - d. Emergency Alert System (EAS)
 - e. Emerging social media (ReadyWisconsin, Twitter, Facebook, etc)
5. Siren and citizen addresses falling within the NWS polygon would be automatically selected in the user interface. Users would have the option of selecting areas in addition to the NWS polygon (perhaps a buffer zone).
 6. Once the area(s) is/are selected, users could record messages or select pre-recorded messages created using the Common Alerting Protocol (CAP).
 7. Users would launch notifications through a simple process requiring minimal steps. Alternatively, the County may set the system to launch automatic notifications upon a NWS watch or warning.
 8. At the same time sirens are sounded and citizens are alerted, the County may also notify groups based on “group business rules.” Among the types of groups to be notified would be first responders, community leaders, and caregivers of people with disabilities or older adults.
 9. Both during and following activation, reports would be available to users summarizing, at a minimum, a variety of information including siren activation histories, current siren status, and disposition of voice and text messages.

- G. The county may not use all capabilities as described in the preceding scenario for all activation types. The County requires an automated as well as user defined manual process for siren activations and alert notifications.
- H. Replacement or relocation of sirens is not within the scope of this project.

1.2.4 Needs

The County requires a modern, reliable and effective system to provide warnings and notification of severe weather and other community level emergencies using a single interface for activations. This includes outdoor sirens as well as text and voice messages.

- A. Interface needs for activation include, but are not limited to:
 - 1. Ability to activate alerts through outdoor sirens, telephone, text, TDD/TTY devices, and Emergency Alert System (EAS)
 - 2. User-friendly interface with few steps for activation
- B. Siren system SCADA needs include, but are not limited to:
 - 1. Migration from low-band VHF to UHF channel(s)
 - 2. User-friendly map based system interface
 - 3. Dynamic grouping of sites for alerts and cancel commands

4. Links to National Weather Service (NWS) based warning polygons
5. Status monitoring, including those listed in section 5.3.6 at a minimum
6. Individual site commands for testing purposes
7. Segregation of command and data acquisition transmissions to eliminate the potential for collisions over the air
8. User ability to add, delete, or relocate sirens on the central control software application
9. Ability to control a wide range of siren types
10. Ability to integrate with a variety of local control systems used by local jurisdictions for fire alerting, noon whistles, and other localized warnings
11. Capacity for multiple siren activations without over the air data transmission conflicts

C. Voice/text notification needs include, but are not limited to:

1. High-capacity delivery of voice and text messages
2. Geographic targeting of voice messages to the public
3. Targeting of voice and text messages to groups of individuals

4. Automated forwarding of alerts issued by NWS
5. Capability to accommodate delivery of messages to populations with functional disabilities and with limited English proficiency
6. Messaging capabilities consistent with the Common Alerting Protocol (CAP) version 1.2 compliant

1.3 Definitions

The following definitions are used throughout the RFP.

County means Dane County

County Agency means Department /Division utilizing the service or product

Proposer/vendor means a firm submitting a proposal in response to this RFP.

Contractor means proposer awarded the contract.

1.4 Clarification of the specifications

All inquiries concerning this RFP must be directed to the **person indicated on the cover page** of the RFP Document. (electronic mail is the preferred method)

Any questions concerning this RFP must be submitted in writing by mail, fax or e-mail on or before the stated date on the **Calendar of Events** (see Section 1.6)

Proposers are expected to raise any questions, exceptions, or additions they have concerning the RFP document at this point in the RFP process. If a proposer discovers any significant ambiguity, error, conflict, discrepancy, omission, or other deficiency in this RFP, the proposer should immediately notify the contact person of such error and request modification or clarification of the RFP document.

Mailing Address:

**Dane County Purchasing Division
Room 425 City-County Bldg
210 Martin Luther King Jr. Blvd
Madison, WI 53703-3345**

Proposers are prohibited from communicating directly with any employee of Dane County, except as described herein. No County employee or representative other than those individuals listed as County contacts in this RFP is authorized to provide any information or respond to any question or inquiry concerning this RFP.

1.5 Addendums and/or Revisions

In the event that it becomes necessary to provide additional clarifying data or information, or to revise any part of this RFP, revisions/amendments and/or supplements will be posted on the Purchasing Division web site at www.danepurchasing.com

It shall be the responsibility of the proposers to regularly monitor the Purchasing Division web site for any such postings. Proposers must acknowledge the receipt / review of any addendum(s) at the bottom of the RFP Cover Page /Signature Affidavit.

Each proposal shall stipulate that it is predicated upon the terms and conditions of this RFP and any supplements or revisions thereof.

1.6 Calendar of Events

Listed below are specific and estimated dates and times of actions related to this RFP. The actions with specific dates must be completed as indicated unless otherwise changed by the County. In the event that the County finds it necessary to change any of the specific dates and times in the calendar of events listed below, it will do so by issuing a supplement to this RFP and posting such supplement on the Dane County web site at www.danepurchasing.com . There may or may not be a formal notification issued for changes in the estimated dates and times.

DATE	EVENT
August 18, 2011	Date of issue of the RFP
September 12, 2011	Mandatory Vendor conference 1:00 PM Central
September 14, 2011	Deadline for requests for a site walk through
September 21, 2011	Last day for submitting written inquires (2:00 p.m. Central Time)
September 26, 2011	Supplements or revisions to the RFP posted on the Purchasing Division web site at www.danepurchasing.com
October 12, 2011	Proposals due from vendors
Late October (estimated)	Oral presentation by invited vendors
Mid November (estimated)	Notification of intent to award sent to vendors
December 2011 (estimated)	Contract start date

1.7 Vendor Conference

A mandatory conference will be held to respond to written questions and to provide any needed additional instruction to vendors on the submission of proposals. . All vendors who intend to respond to the RFP shall to attend the vendor conference. If a vendor fails to attend the conference and submits a proposal, the proposal will be rejected.

Date: 9-12-11

Time: 1:00 P.M.

Location: Dane County Emergency Management

115 West Doty Street, Room 2107

Madison, WI 53703

1.8 Reasonable Accommodations

The County will provide reasonable accommodations, including the provision of informational material in an alternative format, for qualified individuals with disabilities upon request. If you need accommodations at a proposal opening/vendor conference, contact the Purchasing Division at (608) 266-4131 (voice) or 608/266-4941 (TTY)

2.0 PREPARING AND SUBMITTING A PROPOSAL

2.1 General Instructions

The evaluation and selection of a contractor and the contract will be based on the information submitted in the proposal plus references and any required on-site visits or oral interview presentations. Failure to respond to each of the requirements in the RFP may be the basis for rejecting a response.

Elaborate proposals (e.g. expensive artwork) beyond that sufficient to present a complete and effective proposal, are not necessary or desired.

2.2 Proprietary Information

All restrictions on the use of data contained within a proposal and all confidential information must be clearly stated on the attached "Designation of Confidential and Proprietary Information" form. Proprietary information submitted in a proposal, or in response to the RFP, will be handled in accordance with the applicable Wisconsin State Statute(s).

To the extent permitted by law, it is the intention of Dane County to withhold the contents of the proposal from public view until such times as competitive or bargaining reasons no longer require non-disclosure, in the opinion of Dane County. At that time, all proposals will be available for review in accordance with the Wisconsin Open Records Law.

2.3 Incurring Costs

Dane County is not liable for any cost incurred by proposers in replying to this RFP.

2.4 Vendor Registration

All proposers wishing to submit a proposal must be a paid registered vendor with Dane County. Prior to the rfp opening, you can complete a registration form online by visiting our web site at www.danepurchasing.com, or you can obtain a Vendor Registration Form by calling 608.266.4131. Your completed Vendor Registration Form and Registration Fee must be received for your bid to be considered for an award.

2.5 Submittal Instructions

Proposals must be received in by the County Purchasing Division by the specified time stated on the cover page. All proposals must be time-stamped in by the Purchasing Division by the stated time. Proposals not so stamped will not be accepted. Proposals received in response to this solicitation will not be returned to the proposers.

All proposals must be packaged, sealed and show the following information on the outside of the package:

- Proposer's name and address
- Request for proposal title
- Request for proposal number
- Proposal due date

2.6 Required Copies

Proposers must submit **an original and (5) copies** of all materials required for acceptance as instructed on the cover page of the RFP (Special Instructions).

All hard copies of the proposal must be on 8.5"x11" individually securely bound. **In addition, proposers must submit one complete electronic copy in Microsoft Word or PDF format burned to a CD or DVD.**

2.7 Proposal Organization and Format

Proposals should be organized and presented in the order and by the number assigned in the RFP. Proposals must be organized with the following headings and subheadings. Each heading and subheading should be separated by tabs or otherwise clearly marked. The RFP sections which should be submitted or responded to are:

- Introduction (See Section 4 of this RFP)
- Response to general requirements (See Section 4 of this RFP)
 - Organizational qualifications
 - Staff qualifications and Facilities
 - References
- Response to technical requirements (See Section 5 of this RFP)
- Cost proposal (See Section 6 of this RFP)
- Required forms (See Section 8 of this RFP)
 - Attachment A Signature Affidavit
 - Attachment B Vendor Registration Certification
 - Attachment C Reference Data Sheet
 - Attachment D Designation of Confidential and Proprietary Information
 - Attachment E Fair Labor Practices Certification
 - Attachment F Cost Summary Page
- Appendices (Additional Information the proposer submits)
-

2.8 Multiple Proposals

Multiple proposals from a vendor will be permissible, however each proposal must conform fully to the requirements for proposal submission. Each such proposal must be separately submitted and labeled as Proposal #1, Proposal #2, etc.

2.9 Oral Presentations and Site Visits

The County anticipates conducting site walk-through tours of the EOC and siren sites. If interested in participating in a site tour, the responder shall submit on company letterhead, the names, titles, and company of those representatives desiring to attend a site walk-through. The County will develop a site visit itinerary based on the proposers' inputs, and furnish group transportation. The

County will make all attempts to accommodate all requests, but doesn't guarantee that all requests for visits will be granted.

Top ranked PROPOSERS may be required to make oral interview presentations to supplement their proposals, if requested by the County. The County will make every reasonable attempt to schedule each presentation at a time and location that is agreeable to the PROPOSER. Failure of a PROPOSER to conduct a presentation to the County on the date scheduled may result in rejection of the vendor's proposal.

2.10 Demonstrations

Control and interface demonstrations are to incorporate an example of an existing system configuration rather than a generic trade show demonstration.

3.0 PROPOSAL SELECTION AND AWARD PROCESS

3.1 Preliminary Evaluation

The proposals will first be reviewed to determine if requirements in Section 2.0 are met, and if additional mandatory requirements are met. (see Section 4.0). Failure to meet mandatory requirements will result in the proposal being rejected. In the event that all vendors do not meet one or more of the mandatory requirements, the County reserves the right to continue the evaluation of the proposals and to select the proposal which most closely meets the requirements specified in this RFP.

3.2 Proposal Scoring

Accepted proposals will be reviewed by an evaluation team and scored against the stated criteria. This scoring will determine the ranking of vendors based upon their written proposals. If the team determines that it is in the best interest of the County to require oral presentations, the highest ranking vendors will be invited to make such presentations. Those vendors that participate in the interview process will then be scored, and the final ranking will be made based upon those scores.

3.3 *Right to Reject Proposals and Negotiate Contract Terms*

The County reserves the right to reject any and all proposals and to negotiate the terms of the contract, including the award amount, with the selected proposer prior to entering into a contract. If contract negotiations cannot be concluded successfully with the highest scoring proposer, the County may negotiate a contract with the next highest scoring proposer.

3.4 *Evaluation Criteria*

The proposals will be scored using the following criteria:

<u>Description</u>	<u>Percent</u>
General requirements	25%
a. Proposal Quality	10
b. Adherence to RFP guidelines and instructions	10
c. Vendor experience /Proposer references	5
Technical requirements	35%
a. Meets functional requirements	10
b. System reliability and performance guarantee	10
c. Features, functions and capabilities provided	10
d. Fault tolerant system design	5
System training and support	10%
a. Proposed training	5
b. Maintenance and support programs	5
Cost	30%
a. Equipment and software pricing	15
b. Installation costs	10
c. Licensing	5
TOTAL	100%

Oral presentations will be scored using the following criteria:

Oral presentations (if requested) for the selected firms will be scored separately. The scoring is on the interviews alone and will be based on a point system that reflects a point score for each of the questions requested of the proposers, not to exceed 100 points. The proposers will be scored based on their answers and performance at the presentation. These scores will be averaged with the proposer's original score from previous steps in the evaluation to rank the proposers. Oral presentations shall not be used as an

opportunity for the proposer to alter their proposal.

3.5 Award and Final Offers

The award will be granted in one of two ways. The award may be granted to the highest scoring responsive and responsible proposer. Alternatively, the highest scoring proposer or proposers may be requested to submit final and best offers. If final and best offers are requested, they will be evaluated against the stated criteria, scored and ranked. The award will then be granted to the highest scoring proposer.

3.6 Notification of Intent to Award

As a courtesy, the County may send a notification of award memo to responding vendors at the time of the award.

4.0 GENERAL PROPOSAL REQUIREMENTS

4.1 Introduction

4.2 Organization Capabilities

Describe the firm's experience and capabilities in providing similar services to those required. Be specific and identify projects, dates, and results.

State the full name and address of your organization, including the name, postal address, e-mail address and telephone number of the person in your organization who has primary responsibility for developing this proposal and to whom technical questions may be addressed.

4.3 Staff Qualifications

Proposals shall identify key members of the vendor's staff who would be assigned to work on the project, the role they will be performing, and the hourly rate to be charged to Dane County for their services, or alternatively a fixed price for services based on the established scope of work. Additionally, a résumé stating the background and qualifications of each individual should be attached. Particular attention shall be given to the individual named as the project coordinator.

4.4 Proposer References

PROPOSERS must include in their response a list of organizations, including points of contact (name, address, and telephone number), who can be used as references for work performed in the area of service required. Provide at minimum 3 references for similar type systems. Selected organizations may be contacted to determine the quality of work performed and personnel assigned to the project.

5.0 TECHNICAL REQUIREMENTS

5.1 Overview of Technical Requirements

Dane County seeks a modern, reliable and effective system to provide warnings and notification of severe weather and other community level emergencies. Proposers shall provide a system design including all goods and services required to meet the following technical requirements.

Requirements described as an “OPTION” or “OPTIONAL” refer to features or equipment which may or may not be purchased by the County, or items whose quantities are not yet determined. It is not the Proposer’s option to respond to these requirements; therefore, each Proposer is required to respond to all OPTIONAL requirements to the greatest extent possible.

- A. The system shall include a UHF radio monitor, control and activation system for 123 outdoor siren locations.
- B. An intuitive graphical user interface (GUI) for activation of outdoor sirens.
 - 1. The GUI must be user-friendly, and require only a few steps for activation. PROPOSERS should describe the activation process. Screen shots of the activation processes are encouraged.
 - 2. The GUI and its elements may be either hosted by the vendor or on-site at a Dane County facility.

C. The following OPTIONAL system elements are desired:

1. A system that delivers voice and text alerts with recipient selection through Geographic Information System (GIS) and grouping “business rules.”
2. The County desires the DCPWS to integrate with the Integrated Public Alert and Warning System (IPAWS) being developed by the Federal Emergency Management Agency (FEMA). Proposers should explain their strategy for participating in the IPAWS program. Include information on efforts to integrate to the IPAWS system. Provide concise and conclusive information on tests conducted, or planned, at a FEMA test laboratory for the proposed solution.
3. A single graphic user interface (GUI) is desired that can activate Dane County’s sirens, telephone, text, TDD/TTY, Emergency Alert System (EAS) alerts, warnings, and notifications. For activating sirens and other public alerts, the GUI should be a map-based interface.
4. The County would like the DCPWS to have the capability of posting messages to emerging social media (Facebook, Twitter, etc.).

5.1.1 Proposed Offering Requirements

- A. Siren central control and HMI system
- B. Siren site controls for 123 remote sites
- C. Optional features
 1. Telephone text
 2. TTY/TDD
 3. EAS

4. Web-based alerting system

5.2 Siren System Controls

5.2.1 Siren Central Control and HMI System

The siren control system shall allow for dynamic user control/activation, detailed system monitoring and reporting and other functions as detailed within this specification. When hardware and software components are provided, it shall be the responsibility of the Vendor to insure that all components work together to provide a functioning system.

- A. The siren control system shall employ multiple back-up levels. Records should be stored in a manner sufficient to ensure timely reporting, data integrity, and record completeness.
- B. Three general areas of the "system" that require a thorough explanation are:
 1. The type, brand, model, and cost of UHF duplex radio transceivers, antenna and cable programming, and installation at 123 siren locations
 2. The control/activation system to be employed at the siren and control point locations
 3. The terminal or computer program that will serve as the interface with the siren control/activation system.
- C. The installation costs included in the Vendor's proposal shall consist of furnishing of all labor, materials, equipment, and services; and includes all costs of permits and all costs whatsoever which may be required for installation of the Outdoor Siren Warning System. Any apparatus, appliance, material or labor that may be necessary to complete the work, in accordance with the intent or purpose of the Request for Proposal shall be furnished by the contractor, without

extra cost, as if mentioned in the Request for Proposal and subsequent contract. Commercially available electronic hardware should be used whenever possible.

- D. All equipment or components utilized shall conform to all U. S. Government requirements to include FEMA's *Outdoor Warning Systems Guide* and OSHA requirements. All electrical equipment/components utilized shall be UL approved electrical control equipment. All state of Wisconsin and Dane County code requirements shall be observed and adhered to.
- E. The contractor shall observe all rules of safety, etc., applicable under OSHA and EPA regulations.

5.3 Siren System Remote Sites

5.3.1 Siren Site Controls

- A. Dane County requires the radio control system to operate utilizing new Harris Base Stations that will operate in the UHF band. Harris Corporation will furnish and install the required base stations for the siren system as part of the Dane County Radio System project. All sirens shall be controlled and activated by radio, using DTMF or faster encoding. Two-way radio communication between each siren and base station shall include status reporting and operational verification from each siren unit.
- B. Each remote station antenna network consists of the following subsystems:
 - 1. UHF antenna:
 - 2. Antenna mounting hardware
 - 3. Antenna surge suppressors

4. Low loss transmission line (RG8, Mil-Spec Equivalent: M17/74-RG213 minimum), connectors and jumper cables
5. Antenna and transmission line grounding systems
6. Cable fasteners and hangers

5.3.2 Siren Units

The County intends to utilize the existing sirens at their present location. A list of existing locations and hardware are located in Appendix H.

5.3.3 Siren Control Enclosure

- A. The siren control unit enclosure shall be furnished in a natural finish aluminum, or stainless steel, with materials offering a high resistance to rust and corrosion. Cabinets shall require minimum maintenance, with the exception of periodic lubrication of hinges and locking mechanisms.
- B. All ventilation louvers shall be screened to the interior of the cabinet to prevent entry of insects, rodents and other pests.
- C. Control cabinet enclosures shall be equipped with a lift hook to facilitate installation of the cabinet. All control cabinets shall be mounted on the supporting pole in such a manner that the bottom of the cabinet is, at a minimum, 8 feet above the surface of the ground to mitigate vandalism.
- D. The cabinet shall be designed and constructed to withstand high winds, rain, hail, snow, etc., without damage to the cabinet.
- E. All system electronics shall employ a modular design. The system modules shall either plug into a back plane or be installed on hinged panels that swing open for service. The individual modules shall be designed, constructed, and installed to permit testing while in operation.

- F. All cabinets shall be supplied with modules already installed.

5.3.4 Siren Controller Operation

- A. Warning tones shall be operator specified; no less than 4 warning tones shall be available and programmed into the system. (3 minute steady, fire tone, quiet test and a cancel)
- B. The siren controllers shall provide the capability for individual quiet test of remote siren sites - visual indication of test.
- C. The silent test is also referred to as a "growl test". This test shall permit the functional test to be performed without generating intrusive noise to the neighborhood surrounding the unit tested.
- D. The siren controllers shall also include any other controls, indicators and diagnostics provided by the manufacturer as standard features.

5.3.5 Remote Status Monitoring

The warning siren network design will include a comprehensively integrated Activation, Alarm and Management System. The entire network shall be individually or group accessible, centrally controlled, monitored and managed. Network systems and subsystems with which the siren network will integrate include but are not limited to:

- A. System control and warning system management
- B. Master control computer
- C. Interoperable activation
- D. Control program
- E. RTU controller
- F. Radio remote control

- G. Microwave backhaul
- H. UHF primary base station
- I. UHF backup base station
- J. Antenna network
- K. Backhaul power system
- L. Remote warning sirens:
 - 1. UHF transceiver
 - 2. RTU
 - 3. Addressable activation control
 - 4. Alarm I/O
 - 5. Programmable logic controller
 - 6. Siren power control
 - 7. Antenna network
 - 8. Backhaul power system

The intent of Alarm and Management System is to allow for the quick and efficient diagnosis of field activation failures, system errors and malfunctions leading to a rapid recovery. The activation and management functions should also allow for the effective administration of system security, addressability and functionality parameters from a centralized location.

A. System control and management functions:

1. Alert (Individual or Group)
2. Cancel (Individual or Group)
3. Poll (Individual)
4. Quiet Test (Individual)

The current operating status of the master control and remote system equipment and sites shall be easily identified through a software interface. Out of tolerance conditions shall be flagged by an audio/visual indication at master control. The alarm indication shall return to normal when the out of tolerance condition has been rectified. A history of alarm events will be electronically stored for a period consistent with the County's data retention schedule in a searchable database. At a minimum, the County requires monitoring for AC/DC voltage out of range, Quiet Test result, and Alert result (pass/fail). The following examples are some of the types of remote location events and functions that may be monitored, logged and managed:

1. AC power failure:
2. Transmitter / receiver failure
3. UPS fault
4. High Bit Error Rate (BER)
5. PLC failure
6. Siren power control failure

7. Rotation failure
8. Alert result
9. Quiet Test result

5.3.6 UHF Base Stations and Microwave Links

When the County's new VHF P25 voice communications system is implemented, Harris Corporation will furnish and install the required UHF network base stations for the siren system. The Harris installation consists of two sites; the primary site and a back-up site. These sites will be collocated on the University of Wisconsin (UW) Tower and Verona Tower. The UW Tower will serve as the primary site and the Verona Tower will be the backup site.

As part of the UHF System upgrade, the design calls for the replacement of the primary and backup simplex base stations as well as radios at each remote siren location. These simplex base stations will be replaced with two UHF Harris MASTR III duplex base stations, one located at the Primary site and the other at the backup site. These two sites will be linked to the Emergency Management Department located at the Public Safety Building, 115 West Doty Street, Madison, WI, via the microwave system proposed by Harris as part of the County Radio System project. Two points of activation are required, one shall be located at the Dane County Public Safety Communications Center and the second shall be located at Dane County Emergency Management.

PROPOSERS should include UHF radios, programming, antennas and cable installation at the remote siren locations as part of their proposal response.

5.3.7 Mobile/Portable Encoder

The County requests the capability of selectively controlling siren activation from a mobile or portable encoder for the purposes of maintenance, testing and emergency backup purposes.

5.4 Optional Features

5.4.1 Telephone, Text, TDD/TTY, EAS Alerts

- A. The system will facilitate delivery of messages using multiple devices.
- B. The system may be hosted by the Vendor, installed on-site, or a combination of the two.
- C. The system must utilize the Common Alerting Protocol (CAP) (version 1.2) for messaging. Proposers should explain how their system uses CAP.
- D. While an Application Program Interface (API) may not be required for this project, it may be needed in the future to help facilitate connection of the mass notification system to other related systems. Describe the API program. Include related costs in the *Pricing* section of the RFP.

5.4.2 Administration

- A. The system must have the capability to assign complete access to all functions and user data to multiple administrators.
- B. Administrators must have the ability to assign access and operational privileges to individual users.
- C. The system must provide administrators the ability to establish user-defined fields, including fields that help establish contact membership in groups.

5.4.3 Security

- A. The system must prevent inappropriate use and maintain data privacy. This includes login and strong password authentication per user. Describe approaches to security for the system.

- B. Security Sockets Layer (SSL) must be used to transmit data across the Internet.
- C. It is desirable for key data to be encrypted in the database.
- D. Vendor employees with access to any Dane County data must have undergone background investigations.

5.4.4 Vendor Hosted Applications

- A. For hosted solutions, Vendor(s) must be prepared to sign a Service Level Agreement (SLA) with Dane County specifying access and delivery commitments. Provide a copy of your standard SLA.
- B. The system must have the ability to initiate and deliver notifications 24 hours per day 7 days per week 365 days per year with AT LEAST 99.99% availability.
- C. Multiple instances of the application(s) must be operational in geographically dispersed data centers. Proposers must identify the location of the data centers.
- D. Describe the activation process in the event of a loss of internet access.
- E. Data centers must be in an “active-active” configuration mode so if the application fails in one location, the application either switches seamlessly to the back-up site, or provides immediate easy-to-follow instructions for an operator to activate using the secondary site.
- F. Describe any steps required by Dane County to continue or initiate notifications in the event of a primary system failover.
- G. The GUI must be browser-based and accessible through secure Internet connections. Internet Explorer, Apple Safari, and Mozilla Firefox must be supported. List other supported browsers, or any browser limitations.

H. No single point of failure may exist within the Vendor's infrastructure.

5.4.5 On-Site Applications

- A. For proposed on-site solutions or components, systems must operate on most commonly used PC configurations (e.g., Windows XP, Windows 7 etc.) and with commonly used browsers, including Internet Explorer, Apple Safari, and Mozilla Firefox.
- B. Describe minimum requirements for existing PC workstations to access and operate the system.
- C. The County will provide the necessary Internet connections and computers for use for the proposed system. Specify any other computer related hardware or software needed by the County for its system.

5.4.6 Message Creation

- A. The system must be Common Alerting Protocol (CAP) version 1.2 compliant.
- B. In addition to activating sirens, the system must be capable of creating messages for telephone, text, TDD/TTY and EAS.
- C. For voice notifications, the system must be capable of recording via telephone or through the interface using a PC microphone/headset.
- D. The system must be capable of recording and saving voice and text messages for use at a later time.
- E. The system must be capable of storing voice and text messages used for a notification instances for review at a later time.
- F. The system must be capable of playing and delivering voice messages

previously recorded in generally used audio formats such as .wav files.

- G. The system must be capable of converting text to voice messages for delivery.
- H. The system must provide users with the ability to attach files to e-mail messages.
- I. The system must give users the ability to record voice messages in multiple languages (English, Spanish, Hmong, Russian, and others).
- J. The system must be capable of allowing message recipients to select the available language in which they wish to hear the message.

5.4.7 Message Delivery

- A. The system must be capable of delivering messages to the following devices:
 - 1. Voice: telephone, voice mail and mobile/portable devices. (e.g., Blackberry, iPhone, iPad, etc.).
 - 2. Text: SMS devices (including use of SMPP and SMTP), e-mail, fax, TDD/TYY devices.
- B. For voice notifications, describe the call capabilities and capacities of the proposed system.
- C. The system must be capable of sending both a voice notification and a text notification in a single notification to any or all recipients for delivery to appropriate devices.
- D. Either globally or on a message-by-message basis, the system must provide the ability for users and/or administrators to customize the Caller ID, either telephone number or text, for voice notifications and the return address for e-mail messages.
- E. The system must be capable of requiring or foregoing confirmation of

recipient message-receipt through DTMF for voice notifications, and other means for text notifications.

- F. The system must give system users the ability to indicate whether confirmation should be required of message recipients for a particular notification instance.
- G. The County desires the ability of allowing user response (indicating availability or not). Responses would be gathered and available via a remote log.
- H. For voice notifications, the system must have capability to require message recipients to enter a PIN to authenticate their identity before a message is delivered. This should be a user-chosen setting for a particular notification instance.
- I. For voice notifications, the system must give message recipients the ability to use DTMF (telephone touch tones) to replay messages and provide instructions in the call on how the recipient can replay the message.
- J. The system must provide the ability for system users to schedule voice and text messages for delivery in the future.
- K. The system must provide the ability for users set up recurring scheduled notifications.
- L. The system must have the capability to resend a notification to only those who did not respond to the original notification.
- M. The system must give system users the ability to designate the length of time for which deliveries will be attempted, and the number of delivery attempts.
- N. The system must be capable of overriding call-blocking for voice message delivery.

- O. The system must be capable of distinguishing when a live recipient is reached in a voice call. If voice mail or an answering machine is detected, the system must be capable of delivering a user-defined message.
- P. The system must allow a user to designate whether detection of a voice mail or answering machine constitutes a “confirmed delivery” or “unsuccessful delivery.” If “unsuccessful,” the system must continue to attempt to deliver the message to the telephone device or other devices until such time that the number of attempts or duration of call-outs has expired.
- Q. Users must be given the ability to designate whether recipients must confirm voice delivery via the telephone keypad (DTMF).
- R. Users must be given the ability to designate whether recipients must confirm e-mail delivery via returned e-mail, or Short Message Service (SMS) delivery via returned SMS message. Results should be viewable through the interface, and available in a report.
- S. SMS notifications must utilize a “short code” to differentiate the message as a priority notification. Describe other efforts to deliver SMS messages on a priority basis, including relationships with carriers and message aggregators.
- T. Describe system capabilities to detect potential over-loading of voice and text infrastructure, and adjust message delivery to compensate.

5.4.8 Message Activation

- A. The system must provide users with the ability to activate a notification either through a browser, or by telephone and mobile devices.
- B. Activation must be possible using few steps. Describe the activation process for both group notifications and GIS notifications. Use of screen shots is encouraged.
- C. The system must be capable of providing EAS activated e-mails after

receiving EAS critical event codes. The system must automatically send via e-mail details of the EAS notice to all County employees and over 1,100 other individuals who have subscribed to receive the notices from the County. Describe the approach for accomplishing this requirement. In the Pricing Section, indicate any additional costs for meeting this requirement.

5.4.9 Geographic Information System (GIS) Notification

- A. The system must provide system users with the ability to use a GIS interface for delivering notifications to homes, businesses, and other points via telephone and TTY/TDD as well as activating sirens in targeted geographic areas.
- B. The system must support the County's intentions to provide County-developed maps and the County's 911 telephone database for Message Notification Service (MNS) use.
- C. The County would like to consider map and contact data options including use of vendor services to process/geo-code County maps and 911 data. At a minimum, quarterly data updates are desired. Describe approaches for updating the system with map and address data. Include any costs associated with such services in the Pricing section.
- D. The system must support use of multiple layers of data including giving users the ability to add data layers through a simple import process. Explain the GIS data import process. Use of screen shots is encouraged.
- E. The County desires to establish a web portal for citizens to register addresses and contact information so they can receive notifications activated through the GIS interface. Describe recommended approaches. Indicate any associated costs in the Pricing section.
- F. The system must support the County's plan to automatically import polygon information resulting from watches and warnings produced by the National Weather Service. This includes automatic import into the GIS system for affected areas. Describe your approach for automatic use of NWS polygons for siren and other types of notifications.

Examples of similar deployments are encouraged.

- G. When NWS polygon data is automatically imported into the system, ability must exist for the user to select areas in addition to the NWS polygon (perhaps a buffer zone) for siren and other types of activations.
- H. The system must give users the ability to select areas for notification and siren activation including use of polygons and other map selection tools to draw complex shapes, modify shapes, and exclude areas or points within a polygon by using additional polygons or selection tools. Describe other area selection capabilities.
- I. The system must provide users with the ability to use the GIS interface to search maps and use search results to select a notification area. Search capabilities must not be case-sensitive, and should include:
 - 1. Capability to search maps by last name, street address, business name, longitude/latitude, zip codes and other criteria including partial names or phone numbers
 - 2. Display of search results on the map
 - 3. Capability to establish a polygon in a user-specified radius surrounding search results
 - 4. Production of a list and record count of telephone numbers, names, addresses, and sirens found through the search
 - 5. An indicator that a search is in progress or has been completed
 - 6. Ability to save searches for future use
 - 7. Describe other GIS search capabilities.
- J. The system must have map navigation capabilities that include the ability to zoom, pan, and calculate distances between points.

K. Describe other map navigation capabilities.

5.4.10 Group Notifications

- A. The system must be capable of delivering messages to groups of recipients using “business rules” established by the user. Business rules must include:
 - B. Devices to be used, including sequence of use
 - C. Messages to be delivered
 - D. Users authorized to activate
 - E. Reports to be produced including types of reports and distribution lists.
 - F. Describe other available “business rule” capabilities.
 - G. The system must give users the ability to:
 - 1. Create groups either by selecting individual members, or by using multi-field and user-defined look-up criteria
 - 2. Place an individual in multiple groups
 - 3. Include multiple groups in a specific notification instance
 - 4. “Tag” specific group members for exclusion from a specific notification instance or for a time period
 - 5. Quickly search the system for individual or group records.
 - 6. Describe other capabilities to facilitate use of grouping

- H. The system must provide users with ease-of-use capabilities for managing individual contact data including ability to:
 - 1. Import personnel data from Excel or Comma Separated Values (CSV) files
 - 2. Export personnel data to Excel or CSV files
 - 3. Import all or some contact information from an existing database through a regularly scheduled process (e.g., PeopleSoft/Oracle HR, BCP Software).

5.4.11 Reporting

- A. The system must produce reports that can be viewed “real time” and as “snap shot” reports produced at intervals or upon completion of a notification instance.
- B. Distribution options for snap shot reports must include: e-mail and printers, or retrieval from the graphic user interface.
- C. The system must give users the ability to designate multiple e-mail addresses for distribution of a specific type (or types) of report for a specific notification instance.
- D. The system must indicate the time period for which reports are stored and available for retrieval.
- E. The system must give users ability to export reports in PDF, HTML, and CSV formats.
- F. The system must produce a variety of reports that provide status information on specific notification instances including:
 - 1. Date and time:

2. Name of the individual who activated the notification instance based on user log-in
 3. Summary statistics including: total recipients, total confirming receipt/not confirming receipt, percentage confirming/not confirming receipt
 4. Detailed calling information including: name of individual or business called, result of each call (successful/not successful), call disposition (answered, busy, no answer, voicemail).
- G. The system must provide “administrative” reports including:
1. Login history by date and time, user, and by action taken
 2. Contact database details including group membership, and privileges
 3. “Business rules” showing pre-determined parameters established for group notifications
4. User-designed ad hoc reports designed using key fields of information

5.5 Implementation

- A. Proposers shall provide a detailed project plan, including a timeline, resources required of the County and a risk mitigation plan.
- B. For hosted solutions, the Vendor(s) must have the ability to configure the application and be ready for end-user testing within forty-five (45) days after the agreement has been executed. For on-site solutions, the Vendor must have the ability to configure, install and be ready for end-user testing within sixty (60) days after the agreement has been

executed

5.6 System Testing and Verification

- A. System performance – System Performance Test Plan (SPTP) and ATP.
The selected vendor shall submit an SPTP and an ATP that must be approved by the County. The procedure shall identify the tests to be conducted and shall provide for adequate testing of all aspects of the subsystems listed above. Proposers shall submit examples of both an SPTP and ATP with their proposal.

- B. Siren control and activation reliability. The selected vendor shall submit a system reliability demonstration test procedure that must be included in the system ATP approved by the County. The procedure shall identify the reliability tests to be conducted, testing of all the subsystems, and shall provide for adequate testing of all reliability aspects of the entire system. Proposers shall submit an example of a system reliability test procedure.

5.7 Warranty

- A. Any on-premise hardware must have a full warranty for at least one year with extendable options. In the Pricing Section, provide costs for extending the warranty for years two, three, four, and five.

- B. Full support must be available for the system for at least one year, and be available for extension beyond the first year. In the Pricing Section, provide costs for extending support for years two, three, four, and five.

- C. Telephone support must be available 24 hours per day 7 days per week 365 days per year with immediate response required during activation failure or support request by the County.

- D. Describe support program including processes for assuring immediate

and effective response.

- E. Thorough and user-friendly documentation on all operational aspects of the system must be provided upon award of contract. Documentation must be available both on-line and through electronic file such as PDF. It must be fully searchable. At least three printed copies must be provided. Describe processes and policy for updating support documentation.
- F. Describe your company approaches for developing and making available software updates and upgrades.
- G. Describe processes and policy for updating software upgrade documentation.

5.8 Training

- A. Outline training options available to the County, including recommend approach. In the Pricing Section, include costs associated with various options. Options may include:
- B. On-site, remote, and distance learning training
- C. Levels of training including administrator, train-the-trainer and user
- D. Implementation and continuing education training
- E. Local system maintenance contractor support training

6.0 COST PROPOSAL

6.1 General Instructions on Submitting Cost Proposals

Proposers must submit an original and the required number of copies of The Cost Proposal as instructed on the **cover page of the RFP** ([Special Instructions](#)).

Cost proposal should be submitted in a separate envelope labeled **Cost Proposal** with the written proposal. ([Refer to Cost Proposal Form](#))

The proposal will be scored using a standard quantitative ratio calculation where the most cost criteria points will be awarded to the proposal with the lowest cost. (Example: Lowest cost proposal is \$500,000, and cost criteria are 30 points. Lowest cost gets the full 30 points. Another proposal at \$600,000 would receive 25 points ($\$500,000$ divided by $\$600,000 = 0.83$. Multiply possible 30 points by $0.80 = 25$ points.)

6.2 *Format for Submitting Cost Proposals*

- A. Proposers shall submit a detailed cost proposal listing all costs associated with designing, fabricating and/or procuring, installing, testing, and maintaining the proposed radio system. The detailed cost proposal shall use the attached cost sheets and follow the instructions as included in this section.

- B. Mandatory Items - These costs will be used for scoring. The proposer must offer and provide costs for these items. Necessary services, spares, training, project management, installation, staging, storage, delivery and testing costs shall be included in the cost for each item. Proposers should reference the proposal section number for each option offered.
 - 1. Siren central control and HMI system

 - 2. Siren site controls for 123 remote sites

- C. Required Optional Items - The following costs may be used for scoring. The proposer must offer and provide costs for these items. Proposers should provide relevant details in their responses indicating what services, spares, training, project management, installation, staging, storage, delivery and testing costs are included. Proposers should reference the proposal section number for each option offered.

1. A system that delivers voice and text alerts with recipient selection through Geographic Information System (GIS) and grouping “business rules.”
2. The County would like the DCPWS to integrate with the Integrated Public Alert and Warning System (IPAWS) being developed by the Federal Emergency Management Agency (FEMA). Explain your company’s strategy for participating in the IPAWS program. Include information on efforts to integrate to the IPAWS system. Provide concise and conclusive information on tests conducted, or planned, at a FEMA test laboratory for the proposed solution.
3. A single graphic user interface (GUI) is desired that can activate Dane County’s sirens, telephone, text, TDD/TTY, Emergency Alert System (EAS) alerts, warnings, and notifications. For activating sirens and other public alerts, the GUI should be a map-based interface.
4. The County would like the DCPWS to have the capability of posting messages to emerging social media (Facebook, Twitter, etc.).
5. The GUI must be user-friendly, and require only a few steps for activation. Describe the activation process. Screen shots of activation processes are encouraged.

D. Summary Sheets

1. Required System Summary Sheet (Attachment F.1):

The Required System Summary sheet shall show the costs displayed on the cost detail sheets. The sheet is to be expanded in rows to capture all detail required to fully define the primary offering. The County reserves the right to recalculate system pricing based on its interpretation of the Proposer’s offering and costs, and is not required to evaluate system pricing based on the Proposer-provided “Total Proposer Capital Costs”.

a. Siren Systems Control Cost Table (Attachment F2):

The Siren Systems Control cost table provides the format for display of all prices related to the locations where significant central and/or

controller equipment is proposed. The sheet is to be expanded in columns to include the total number of locations where significant central and/or controller equipment proposed. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown. Should it be required for clarity, the Proposer may create multiple Siren Systems Control Cost sheets representing different optional system configurations. It is the responsibility of the Proposer to adequately label and explain each sheet.

b. Siren System Remote Site Cost Table (Attachment F.2):

The Siren System Remote Site cost table provides the format for display of all costs related to each of the sites. The sheet is to be expanded in columns to include the total number of site equipment proposed. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown. Should it be required for clarity, the Proposer may create multiple Siren System Remote Site Cost sheets representing different optional system configurations. It is the responsibility of the Proposer to adequately label and explain each sheet.

c. Spare Equipment Cost Table (Attachment F.2):

The Spare Equipment cost table provides the format for display of all costs related to the spare equipment the Proposer recommends for the proper support of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown. Spare equipment that is specific to system or subsystem options shall be adequately defined on an additional, labeled sheet specific to that option. The County desires that the spare equipment detail be as specific as possible.

2. Required Services Summary Sheet (Attachment F.1):

a. Installation Services Cost Table (Attachment F.3)

The Installation Services cost table provides the format for display of all installation costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level

of detail the Proposer desires, but should not be less than the items shown.

b. Project Management Services Cost Table (Attachment F.3)

The Project Management Services cost table provides the format for display of all project management costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

c. System Engineering Services Cost Table (Attachment F.3)

The System Engineering Services cost table provides the format for display of all engineering costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

d. System Staging Services Cost Table (Attachment F.3)

The System Staging Services cost table provides the format for display of all equipment staging costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

e. Acceptance Testing Services Cost Table (Attachment F.3)

The Acceptance Testing Services cost table provides the format for display of all acceptance testing costs for the implementation validation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

f. Documentation Services Cost Table (Attachment F.3)

The Documentation Services cost table provides the format for display of all documentation costs for the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

g. Training Services Cost Table (Attachment F.3)

The Training Services cost table provides the format for display of all training costs for the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

h. Warranty and Maintenance Services Cost Table (Attachment F.3)

The Warranty and Maintenance Services cost table provides the format for display of all warranty and maintenance costs for the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

3. System Options Summary Sheet (Attachment F.4):

The System Options Summary sheet shall show the costs for each option derived from the cost detail sheets. The County reserves the right to recalculate option pricing based on its interpretation of the Proposer's offering and costs.

a. Telephone, Text, TDD/TTY, EAS Alerting System Cost Table (Attachment F.5):

The Telephone, Text, TDD/TTY, EAS Alerting System Cost table provides the format for display of all prices related to system equipment proposed. The sheet is to be expanded in columns to include the total number of locations where significant central and/or controller equipment proposed. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown. Should it be required for clarity, the Proposer may create multiple Telephone, Text, TDD/TTY, EAS Alerting System Cost sheets representing different optional system configurations. It is the responsibility of the Proposer to adequately label and explain each sheet.

4. System Options Services Summary Sheet (Attachment F.4):

a. Installation Services Cost Table (Attachment F.6)

The Installation Services cost table provides the format for display of all installation costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

b. Project Management Services Cost Table (Attachment F.6)

The Project Management Services cost table provides the format for display of all project management costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

c. System Engineering Services Cost Table (Attachment F.6)

The System Engineering Services cost table provides the format for display of all engineering costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

d. System Staging Services Cost Table (Attachment F.6)

The System Staging Services cost table provides the format for display of all equipment staging costs for the implementation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

e. Acceptance Testing Services Cost Table (Attachment F.6)

The Acceptance Testing Services cost table provides the format for display of all acceptance testing costs for the implementation validation of the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

f. Documentation Services Cost Table (Attachment F.6)

The Documentation Services cost table provides the format for display of all documentation costs for the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

g. Training Services Cost Table (Attachment F.6)

The Training Services cost table provides the format for display of all training costs for the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

h. Warranty and Maintenance Services Cost Table (Attachment F.6)

The Warranty and Maintenance Services cost table provides the format for display of all warranty and maintenance costs for the proposed system. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown.

5. Post-Warranty Maintenance Cost Table (Attachment F.7):

The Post-Warranty Maintenance Cost table provides the format for display of all costs related to the maintenance and support of the hardware and software that comprise the proposed system. The sheet may be expanded in columns to include discount prices proposed for multi-year maintenance packages, but must maintain all individual year prices. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown. Specifically, the County requires that if software maintenance includes software installation it be included in the software maintenance cost. Should the proposed system require system-wide software, such as virus detection, protection, and prevention, such software shall be priced with the same detail as required for other system software.

6. Subscription/Hosted Services Cost Table (Attachment F.7):

The Subscription/Hosted Services Cost table provides the format for display of all prices related to subscription and or hosted services costs proposed. The sheet is to be expanded in columns to include the total number of locations where significant central and/or controller equipment proposed. The sheet is to be expanded in rows to capture the level of detail the Proposer desires, but should not be less than the items shown. It is the responsibility of the Proposer to adequately label and explain each sheet.

Cost proposals will be submitted using Appendix F of the RFP.

6.3 Fixed Price Period

All prices, costs, and conditions outlined in the proposal shall remain fixed and valid for acceptance for **180 days** starting on the due date for proposals.

7.0 SPECIAL CONTRACT TERMS AND CONDITIONS

7.1 Acceptance Test

The County reserves the right to test the product for a period of ninety (90) days prior to acceptance to determine the product functions effectively. If problems are encountered during the acceptance period, it is not required that the 90 day period expire in order for a new acceptance period to begin. Acceptance will be defined as all hardware and software specified in the contract being installed and operational; all staff trained and capable of functioning in a production environment. Failure by the Contractor to provide a system that performs as stated in their RFP response will result in rejection by the County.

7.2 Fixes, Upgrades and Future Software Options

7.2.1 Fixes

For a period of not less than 12 months, after the County's acceptance of the

software, Contractor shall correct any and all errors in the software regardless of whether the error is brought to the attention of the Contractor by another user of the software or by the County, or by any other person.

7.2.2 Upgrades and Enhancements

For a period of not less than 12 months after the County's acceptance of the software, Contractor shall provide to the County, at no additional cost, any changed or enhanced versions of the software within 30 days after the changed or enhanced versions are made available to customers.

7.2.3 Future Software Options Replacement Software

Contractor grants the County the options, for any software for which the County has paid a one-time purchase or license fee to acquire any software options or replacement software which the Contractor shall make available after the acceptance date at the lesser of (a) Contractor's published purchase price for the software options or replacement software, or (b) the difference between Contractor's published purchase price for the replacement software or software options and the current or most recent purchaser license fee for the software or software options previously acquired by the County under this Agreement. This provision shall remain in effect for the duration of the lifetime of the software.

7.3 Maintenance

Contractor agrees to make available maintenance services to meet the County's on-going performance requirement for as long as the software is utilized by the County. Such services shall be available at the prices contained in Contractor's response to the County's solicitation document.

7.4 Documentation and Operating Manuals

Contractor shall provide, at no additional charge, operating manuals, which describe in detail the software capabilities, its operation, installation procedures, error messages with identification of probable causes, software modification procedures and techniques, and program interfaces. Contractor agrees the County may make such additional copies of documentation supplied pursuant to

this section as needed for use by County employees.

7.5 Existing Equipment

Dane County shall retain possession of any existing equipment removed from service as part of the warning system upgrade.

7.6 Escrow Agreement

The Contractor may be required to enter into an Escrow Agreement with the County and a third party (Escrow Agent) to provide one copy of the current Source Code for their product. The Escrow Agent would preserve and maintain the Source Code and not release or disclose the Source Code except under the following circumstances.

1. If Contractor shall be adjudicated bankrupt, cease conducting business in the normal course, make a general assignment for the benefit of creditors, suffer or permit the appointment of a receiver for its business or assets or otherwise avail itself of, or become subject to any proceeding under the Federal Bankruptcy Act, or any other statute of any other jurisdiction pertaining to insolvency or the protection of creditors.
2. Termination of the Contract by the County due to the Contractor's failure to maintain the software and related equipment in accordance with and subject to the terms and conditions of the contract.

7.7 Payments

- A. Payment may be made to the Contractor any time after the product has been accepted by the County, but not sooner than 30 days after installation, or later than 30 days after the 90 day test period has been completed and the product

accepted.

- B. Payment: The County's normal payment terms are net 30 days.
- C. Unless otherwise agreed, Dane County will pay properly submitted vendor invoices within 30 days of receipt of goods or services, or combination of both. Payment will not be made until goods or services are delivered, installed (if required), and accepted as specified.
- D. Vendors shall propose a payment schedule tied to project milestones and deliverables.

7.8 Performance Bond

The successful PROPOSER is required to submit a performance bond in 100% of the contract amount.

7.9 Domestic Partner Equal Benefits Requirement

The Contractor [or grant beneficiary] agrees to provide the same economic benefits to all of its employees with domestic partners as it does to employees with spouses, or the cash equivalent if such a benefit cannot reasonably be provided. The Contractor [or grant beneficiary] agrees to make available for County inspection the contractor's payroll records relating to employees providing services on or under this contract or subcontract [or grant]. If any payroll records of a Contractor [or grant beneficiary] contain any false, misleading or fraudulent information, or if a contractor [or grant beneficiary] fails to comply with the provisions of §25.016, D. C. Ords., the contract compliance officer may withhold payments on the contract; terminate, cancel or suspend the contract in whole or in part; or, after a due process hearing, deny the contractor the right to participate in bidding on future County contracts for a period of one year after the first violation is found and for a period of three years after a second or subsequent violation is found.

8.0 REQUIRED FORMS

The following forms must be completed and submitted with the proposal in accordance

with the instructions given in Section 2.0. Blank forms are attached.

Attachment A	Signature Affidavit
Attachment B	Vendor Registration Certification
Attachment C	Reference Data Sheet
Attachment D	Designation of Confidential and Proprietary Information
Attachment E	Fair Labor Practices Certification
Attachment F	Cost Summary Page

Appendix A – Standard Terms and Conditions

Appendix A – STANDARD TERMS AND CONDITIONS

(Request For Bids/Proposals/Contracts)

DCO CHS 19.25 Rev. 07/07

1.0 APPLICABILITY: The terms and conditions set forth in this document apply to Requests for Proposals (RFP), Bids and all other transactions whereby the County of Dane acquires goods or services, or both.

1.1 ENTIRE AGREEMENT: These Standard Terms and Conditions shall apply to any contract, including any purchase order, awarded as a result of this request. Special requirements of a resulting contract may also apply. Said written contract with referenced parts and attachments shall constitute the entire agreement, and no other terms and conditions in any document, acceptance, or acknowledgment shall be effective or binding unless expressly agreed to in writing by the County.

1.2 DEFINITIONS: As used herein, “vendor” includes a provider of goods or services, or both, who is responding to an RFP or a bid, and “bid” includes a response to either an RFP or a bid.

2.0 SPECIFICATIONS: The specifications in this request are the minimum acceptable. When specific manufacturer and model numbers are used, they are to establish a design, type of construction, quality, functional capability or performance level, or any combination thereof, desired. When alternates are proposed, they must be identified by manufacturer, stock number, and such other information necessary to establish equivalency. Dane County shall be the sole judge of equivalency. Vendors are cautioned to avoid proposing alternates to the specifications which may result in rejection of their bid.

3.0 DEVIATIONS AND EXCEPTIONS: Deviations and exceptions from terms, conditions, or specifications shall be described fully, on the vendor’s letterhead, signed, and attached to the bid. In the absence of such statement, the bid shall be accepted as in strict compliance with all terms, conditions, and specifications and vendor shall be held liable for injury resulting from any deviation.

4.0 QUALITY: Unless otherwise indicated in the request, all material shall be first quality. No pre-owned, obsolete, discontinued or defective materials may be used.

5.0 QUANTITIES: The quantities shown on this request are based on estimated needs. The County reserves the right to increase or decrease quantities to meet actual needs.

6.0 DELIVERY: Deliveries shall be FOB destination freight prepaid and included unless otherwise specified. County will reject shipments sent C.O.D. or freight collect.

7.0 PRICING: Unit prices shown on the bid shall be the price per unit of sale, e.g., gal., cs., doz., ea., etc., as stated on the request or contract. For any given item, the quantity multiplied by the unit price shall establish the extended price; the unit price shall govern in the bid evaluation and contract administration.

7.1 Prices established in continuing agreements and term contracts may be lowered due to market conditions, but prices shall not be subject to increase for the term specified in the award. Vendor shall submit proposed increases to the contracting department thirty (30) calendar days before the proposed effective date of the price increase. Proposed increases shall be limited to fully documented cost increases to the vendor that are demonstrated to be industry wide. Price increases may not be granted unless they are expressed in bid documents and contracts or agreements.

7.2 Submission of a bid constitutes bidder’s certification that no financial or personal relationship exists between the bidder and any County official or employee except as specially set forth in writing attached to and made a part of the bid. The successful bidder shall disclose any such relationship which develops during the term of the contract.

8.0 ACCEPTANCE-REJECTION: Dane County reserves the right to accept or reject any or all bids, to waive any technicality in any bid submitted and to accept any part of a bid as deemed to be in the best interests of the County. Submission of a proposal or a bid constitutes the making of an offer to contract and gives the County an option valid for 60 days after the date of submission to the County.

8.1 Bids **MUST** be dated and time stamped by the Dane County Purchasing Division Office on or before the date and time that the bid is due. Bids deposited or time stamped in another office will be rejected. Actual receipt in the office of the purchasing division is necessary; timely deposit in the mail system is not sufficient. **THERE WILL BE NO EXCEPTIONS TO THIS POLICY.**

9.0 METHOD OF AWARD: Award shall be made to the lowest responsible, responsive vendor

conforming to specifications, terms, and conditions, or to the most advantageous bid submitted to the County on a quality versus price basis. Among other things, quantities, time of delivery, purpose for which required, competency of vendor, the ability to render satisfactory service and past performance will be considered in determining responsibility.

10.0 ORDERING/ACCEPTANCE: Written notice of award to a vendor in the form of a purchase order or other document, mailed or delivered to the address shown on the bid will be considered sufficient notice of acceptance of bid. A formal contract containing all provisions of the contract signed by both parties shall be used when required by the Dane County Purchasing Division.

11.0 PAYMENT TERMS AND INVOICING: Unless otherwise agreed, Dane County will pay properly submitted vendor invoices within thirty (30) days of receipt of goods or services, or combination of both. Payment will not be made until goods or services are delivered, installed (if required), and accepted as specified. Invoices presented for payment must be submitted in accordance with instructions contained on the purchase order.

11.1 NO WAIVER OF DEFAULT: In no event shall the making of any payment or acceptance of any service or product required by this Agreement constitute or be construed as a waiver by County of any breach of the covenants of the Agreement or a waiver of any default of the successful vendor, and the making of any such payment or acceptance of any such service or product by County while any such default or breach shall exist shall in no way impair or prejudice the right of County with respect to recovery of damages or other remedy as a result of such breach or default.

12.0 TAXES: The County and its departments are exempt from payment of all federal tax and Wisconsin state and local taxes on its purchases except Wisconsin excise taxes as described below. The State of Wisconsin Department of Revenue has issued tax exempt number ES41279 to Dane County.

12.1 The County is required to pay the Wisconsin excise or occupation tax on its purchase of beer, liquor, wine, cigarettes, tobacco products, motor vehicle fuel and general aviation fuel. The County is exempt from Wisconsin sales or use tax on these purchases. The County may be subject to other states' taxes on its purchases in that state depending on the laws of that state. Vendors performing construction activities are required to pay state use tax on the cost of materials.

13.0 GUARANTEED DELIVERY: Failure of the vendor to adhere to delivery schedules as specified or to promptly replace rejected materials shall render the

vendor liable for all costs in excess of the contract price when alternate procurement is necessary. Excess costs shall include administrative costs.

14.0 APPLICABLE LAW AND VENUE: This contract shall be governed under the laws of the State of Wisconsin, and venue for any legal action between the parties shall be in Dane County Circuit Court. The vendor shall at all times comply with and observe all federal and state laws, local laws, ordinances, and regulations which are in effect during the period of this contract and which in any manner affect the work or its conduct.

15.0 ASSIGNMENT: No right or duty in whole or in part of the vendor under this contract may be assigned or delegated without the prior written consent of Dane County.

16.0 NONDISCRIMINATION/AFFIRMATIVE ACTION: During the term of this Agreement the vendor agrees, in accordance with sec. 111.321, Wis. Stats., and Chapter 19 of the Dane County Code of Ordinances, not to discriminate against any person, whether an applicant or recipient of services, an employee or applicant for employment, on the basis of age, race, ethnicity, religion, color, gender, disability, marital status, sexual orientation, national origin, cultural differences, ancestry, physical appearance, arrest record or conviction record, military participation or membership in the national guard, state defense force or any other reserve component of the military forces of the United States, or political beliefs. The vendor shall provide a harassment-free work environment. These provisions shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruitment, advertising, layoff, termination, training, including apprenticeships, rates of pay or other forms of compensation.

16.1 Vendors who have twenty (20) or more employees and a contract of twenty thousand dollars (\$20,000) or more must submit a written affirmative action plan to the County's Contract Compliance Officer within fifteen (15) working days of the effective date of the contract. The County may elect to accept a copy of the current affirmative action plan filed with and approved by a federal, state or local government unit.

16.2 The vendor agrees to post in conspicuous places, available for employees and applicants for employment, notices setting forth the provisions of this Agreement as they relate to affirmative action and nondiscrimination.

16.3 Failure to comply with these Terms and Conditions may result in the vendor being debarred, termination of the contract and/or withholding of payment.

16.4 The vendor agrees to furnish all information and reports required by Dane County's Contract Compliance Officer as the same relate to affirmative action and nondiscrimination, which may include any books, records, or accounts deemed appropriate to determine compliance with Chapter 19, D.C. Ords., and the provisions of this Agreement.

16.5 *Americans with Disabilities Act*: The vendor agrees to the requirements of the ADA, providing for physical and programmatic access to service delivery and treatment in all programs and activities.

17.0 PATENT, COPYRIGHT AND TRADEMARK INFRINGEMENT: The vendor guarantees goods sold to the County were manufactured or produced in accordance with applicable federal labor laws, and that the sale or use of the articles described herein do not infringe any patent, copyright or trademark. The vendor covenants that it will, at its own expense, defend every suit which shall be brought against the County (provided that such vendor is promptly notified of such suit, and all papers therein are delivered to it) for any alleged infringement of any patent, copyright or trademark by reason of the sale or use of such articles, and agrees that it will pay all costs, damages, and profits recoverable in any such suit.

18.0 SAFETY REQUIREMENTS: All materials, equipment, and supplies provided to the County must fully comply with all safety requirements as set forth by the Wisconsin Department of Commerce and all applicable OSHA Standards.

18.1 MATERIAL SAFETY DATA SHEET: If any item(s) on an order(s) resulting from this award(s) is a hazardous chemical, as defined under 29 CFR 1910.1200, provide one (1) copy of the Material Safety Data Sheet for each item with the shipped container(s) and one (1) copy with the invoice(s).

19.0 WARRANTY: Unless specifically expressed otherwise in writing, goods and equipment purchased as a result of this request shall be warranted against defects by the vendor for one (1) year from date of receipt. An equipment manufacturer's standard warranty shall apply as a minimum and must be honored by the vendor. The time limitation in this paragraph does not apply to the warranty provided in paragraph 27.0.

20.0 INSURANCE RESPONSIBILITY: The successful vendor shall:

20.1 Maintain worker's compensation coverage as required by Wisconsin Statutes, for all employees engaged in the work. The successful vendor shall furnish evidence of adequate worker's compensation insurance.

20.2 Indemnify, hold harmless and defend County, its boards, commissions, agencies, officers, employees and representatives against any and all liability, loss (including, but not limited to, property damage, bodily injury and loss of life), damages, costs or expenses which County, its officers, employees, agencies, boards, commissions and representatives may sustain, incur or be required to pay by reason of the successful vendor furnishing the services or goods required to be provided under the contract with the County, provided, however, that the provisions of this paragraph shall not apply to liabilities, losses, charges, costs, or expenses caused by or resulting from the acts or omissions of County, its agencies, boards, commissions, officers, employees or representatives. The obligations of the successful vendor under this paragraph shall survive the expiration or termination of any contract resulting from the successful vendor's bid.

20.3 At all times during the term of this Agreement, keep in full force and effect comprehensive general liability and auto liability insurance policies (as well as professional malpractice or errors and omissions coverage, if the services being provided are professional services) issued by a company or companies authorized to do business in the State of Wisconsin and licensed by the Wisconsin Insurance Department, with liability coverage provided for therein in the amount of at least \$1,000,000 CSL (Combined Single Limits). Coverage afforded shall apply as primary. County shall be given ten (10) days advance notice of cancellation or non-renewal. Upon execution of this Agreement, the successful vendor shall furnish County with a certificate of insurance listing County as an additional insured and, upon request, certified copies of the required insurance policies. If the successful vendor's insurance is underwritten on a Claims-Made basis, the Retroactive Date shall be prior to or coincide with the date of this Agreement, the Certificate of Insurance shall state that coverage is Claims-Made and indicate the Retroactive Date, the successful vendor shall maintain coverage for the duration of this Agreement and for two years following the completion of this Agreement. The successful vendor shall furnish County, annually on the policy renewal date, a Certificate of Insurance as evidence of coverage. It is further agreed that the successful vendor shall furnish the County with a 30-day notice of aggregate erosion, in advance of the Retroactive Date, cancellation, or renewal. It is also agreed that on Claims-Made policies, either the successful vendor or County may invoke the tail option on behalf of the other party and that the Extended Reporting Period premium shall be paid by the successful vendor. In the event any action, suit or other proceeding is brought against County upon any matter herein indemnified against, County shall give reasonable notice thereof to the successful vendor and shall cooperate with the

successful vendor's attorneys in the defense of the action, suit or other proceeding.

20.4 The County reserves the right to require higher or lower insurance limits where County deems necessary.

20.5 In case of any sublet of work under this Agreement, the successful vendor shall furnish evidence that each and every subvendor has in force and effect insurance policies providing coverage identical to that required of the successful vendor.

21.0 CANCELLATION: County reserves the right to terminate any Agreement due to non-appropriation of funds or failure of performance by the vendor. This paragraph shall not relieve County of its responsibility to pay for services or goods provided or furnished to County prior to the effective date of termination.

22.0 PUBLIC RECORDS ACCESS: It is the intention of the County to maintain an open and public process in the solicitation, submission, review, and approval of procurement activities. Bid openings are public unless otherwise specified. Records are not available for public inspection prior to issuance of the notice of intent to award or the award of the contract. Bid results may be obtained by visiting the Dane County Purchasing Office Monday – Friday, between 8:00 a.m. and 4:00 p.m. Prior appointment is advisable.

22.1 PROPRIETARY INFORMATION: If the vendor asserts any of its books and records of its business practices and other matters collectively constitute a trade secret as that term is defined in s. 134.90(1)(c), Wis. Stats., County will not release such records to the public without first notifying the vendor of the request for the records and affording the vendor an opportunity to challenge in a court of competent jurisdiction the requester's right to access such records. The entire burden of maintaining and defending the trade secret designation shall be upon the vendor. The vendor acknowledges and agrees that if the vendor shall fail, in a timely manner, to initiate legal action to defend the trade secret designation or be unsuccessful in its defense of that designation, County shall be obligated to and will release the records.

22.2 Data contained in a bid, all documentation provided therein, and innovations developed as a result of the contracted commodities or services cannot be copyrighted or patented. All data, documentation, and innovations shall be the property of the County.

22.3 Any material submitted by the vendor in response to this request that the vendor considers confidential and

25.0 ANTITRUST ASSIGNMENT: The vendor and the County of Dane recognize that in actual economic practice, overcharges resulting from antitrust violation are in fact usually borne by the County of Dane (purchaser). Therefore, the successful vendor hereby assigns to the County of Dane any and all claims for such overcharges as to goods, materials or services purchased in connection with this contract.

26.0 RECORDKEEPING AND RECORD RETENTION-PUBLIC WORKS CONTRACTS: The successful bidder on a public works contract shall comply with the State of Wisconsin prevailing wage scale and shall establish and maintain adequate payroll records for all labor utilized as well as records for expenditures relating to all subcontracts, material men and suppliers. All records must be kept in accordance with generally accepted accounting procedures. The County shall have the right to audit, review, examine, copy, and transcribe any such records or documents. The vendor will retain all documents applicable to the contract for a period of not less than three (3) years after final payment is made.

26.1 RECORDKEEPING AND RECORD RETENTION-COST REIMBURSEMENT CONTRACTS: Where payment to the vendor is based on the vendor's costs, vendor shall establish and maintain adequate records of all expenditures incurred under the contract. All records must be kept in accordance with generally accepted accounting procedures. The County contracting agency shall have the right to audit, review, examine, copy, and transcribe any pertinent records or documents relating to any contract resulting from this bid/proposal held by the vendor. The vendor will retain all documents applicable to the contract for a period of not less than three (3) years after final payment is made.

27.0 YEAR 2000 COMPLIANT: Vendor warrants that: a) all goods, services and licenses sold otherwise provided pursuant to this procurement have been tested for and are fully year 2000 compliant, which means they are capable of correctly and consistently handling all date-based functions before, during and after the year 2000; b) the date change from 1999 to 2000, or any other date changes, will not prevent such goods, services or licenses from operating in a merchantable manner, for the purposes intended and in accordance with all applicable plans and specifications and without interruption before, during and after the year 2000; and c) vendor's internal systems, and those of vendor's vendors, are year 2000 compliant, such that vendor will be able to deliver such goods, services and licenses as required by this procurement.

28.0 LIVING WAGE REQUIREMENT: The vendor shall, where appropriate, comply with the County's

Living Wage requirements as set forth in section 25.015, Dane County Ordinances.

28.01 In the event its payroll records contain any false, misleading or fraudulent information, or if the vendor fails to comply with the provisions of s. 25.015, D.C. Ords., the County may withhold payments on the contract, terminate, cancel or suspend the contract in whole or in part, or, after a due process hearing, deny the vendor the right to participate in bidding on future County contracts for a period of one (1) year after the first violation is found and for a period of three (3) years after a second violation is found.

28.02 Bidders are exempt from the above requirements if:

- The maximum value of services to be provided is less than \$5,000;
- The bid involves only the sale of goods to the County;
- The bid is for professional services;
- The bid is for a public works contract where wages are regulated under s. 62.293, Wis. Stats.;
- The bidder is a school district, a municipality, or other unit of government;
- The service to be provided is residential services at an established per bed rate;
- The bidder's employees are persons with disabilities working in employment programs and the successful bidder holds a current sub-minimum wage certificate issued by the U.S. Department of Labor or where such a certificate could be issued but for the fact that the employer is paying a wage higher than the minimum wage;
- The bidder is an individual providing services to a family member; or
- The bidder's employees are student interns.

28.03 COMPLIANCE WITH FAIR LABOR STANDARDS. During the term of this Agreement,

PROVIDER shall report to the County Contract Compliance Officer, within ten (10) days, any allegations to, or findings by the National Labor Relations Board (NLRB) or Wisconsin Employment Relations Commission (WERC) that PROVIDER has violated a statute or regulation regarding labor standards or relations within the seven years prior to entering this Agreement. If an investigation by the Contract Compliance Officer results in a final determination that the matter adversely affects PROVIDER'S responsibilities under this Agreement, and which recommends termination, suspension or cancellation of this agreement, the County may take such action.

28.04 PROVIDER may appeal any adverse finding by the Contract Compliance Officer as set forth in sec. 25.015(11)(c) through (e).

28.05 PROVIDER shall post the following statement in a prominent place visible to employees: "As a condition of receiving and maintaining a contract with Dane County, this employer shall comply with federal, state and all other applicable laws prohibiting retaliation or union organizing." proprietary information and which vendor believes qualifies as a trade secret, as provided in section 19.36(5), Wis. Stats., must be identified on a designation of Confidential and Proprietary Information form. In any event, bid prices will not be held confidential after award of contract.

23.0 RECYCLED MATERIALS: Dane County is required to purchase products incorporating recycled materials whenever technically and economically feasible. Vendors are encouraged to bid products with recycled content which meet specifications.

24.0 PROMOTIONAL ADVERTISING: Reference to or use of Dane County, any of its departments or sub-units, or any county official or employee for commercial promotion is prohibited.

Site #	Community	Location	Owner	Make	Model	HP	Voltage	Phase	Decibel Rating	Range	Install
77	Madison	South Point Rd.	City of Madison	American Signal	Tempest T-128	8	110	1	128	6200	2010
78	Madison	5601 Eastpark Blvd.	City of Madison	American Signal	Tempest T-135	UNK	UNK	1	135	9373	2009
79	Madison	Storck Road (4498)	City of Madison	Federal Siren	2001-DC	6	110	1	130	5280	2008
80	Mt. Horeb	Garfield Street	Village of Mt. Horeb	Federal Siren	2001-DC	6	110	1	130	5280	2008
81	Madison	Sycamore Avenue	City of Madison	Federal Siren	2001-DC	6	110	1	130	5280	2008
82	Madison	Tokay Blvd.	City of Madison	Federal Siren	2001-DC	6	110	1	130	5280	2007
83	Waunakee	Mill Road	Village of Waunakee	Federal Siren	2001-DC	6	110	1	130	5280	2007
84	Mt. Horeb	Meadow View Rd.	Village of Mt. Horeb	Federal Siren	2001-DC	6	110	1	130	5280	2007
85	Madison	Ice Age Trail	City of Madison	Federal Siren	2001-DC	6	110	1	128	5280	2006
86	Madison	Midtown Rd./South High Pt.	City of Madison	Federal Siren	2001-DC	6	110	1	128	5280	2006
87	Middleton-Town	Mound View Rd.	Town of Middleton	Federal Siren	2001-DC	6	110	1	128	5280	2006
88	Middleton-Town	Old Sauk Road/Goth Rd.	Town of Middleton	Federal Siren	2001-DC	6	110	1	128	5280	2006
89	Middleton-Town	Airport Rd.	Town of Middleton	Federal Siren	2001-DC	6	110	1	128	5280	2006
90	Middleton-Town	Summit Ridge	Town of Middleton	Federal Siren	3T22	10	220	3	115	2400	2003
92	Cross Plains	Sewer Plant	Village of Cross Plains	Federal Siren	3T22	10	220	3	115	2400	2003
93	Blue Mounds	Dolomite Springs	Village of Blue Mounds	Federal Signal	2001-DC	6	110	1	127	5280	2004
94	Madison	S Sprecher Rd./Wyalusing Dr.	City of Madison	Federal Signal	2001-DC	6	110	1	127	5280	2004
95	Madison	Mid Town Road/Hawks Landing Circle	City of Madison	Federal Signal	2001-DC	6	110	1	127	5280	2004
96	Madison	Old Sauk Rd./Prairie Smoke Rd.	City of Madison	Federal Signal	2001-DC	6	110	1	127	5280	2004
97	Fitchburg	1913 S Fish Hatchery	City of Fitchburg	Federal Signal	2001-DC	6	110	1	127	5280	2005
98	Fitchburg	2373 S Fish Hatchery	City of Fitchburg	Federal Signal	2001-DC	6	110	1	127	5280	2005
99	Fitchburg	5292 Lacy Rd.	City of Fitchburg	Federal Signal	2001-DC	6	110	1	127	5280	2005
100	Fitchburg	5772 Auburn Dr.	City of Fitchburg	Federal Signal	2001-DC	6	110	1	127	5280	2005
101	Madison	Post Rd./near Todd Dr.	Dane County	Federal Siren	Siratone 1212	8	110	1	115	2400	1986

Site #	Community	Location	Owner	Make	Model	HP	Voltage	Phase	Decibel Rating	Range	Install
102	Verona	Fire Station/Lincoln St.	Dane County	ACA Siren Z-102	Perf+Penetrator	7.5	140	1	125	4800	1989
103	Mt. Horeb	Village/N 2 nd St./downtown	Dane County	Federal Signal	2001-DC	6	110	1	127	5180	2007
104	Madison	Badger Road/Rimrock Rd.	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
105	Madison	Old Middleton/Rough Lee	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
106	Morrisonville	Post Office	Dane County	American Signal	Tempest T-121	8	110	1	121	3600	2010
107	Madison	Lake Mendota Dr.	City of Madison	American Signal	Tempest T-128	8	110	1	128	6200	2010
108	Madison	High Point/D'Onofrio	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	2000
109	Madison	Harrison St./S of Monroe St.	Dane County	Federal Signal	2T22	10	220	3	110	1625	1961
110	McFarland	Municipal Bldg. on Terminal	Dane County	ACA Siren	Allertor	10	240	3	125	4800	1971
111	Fitchburg	Meadow View/Hwy M/Byrne Rd.	City of Fitchburg	Federal Signal	2001-DC	6	110	1	127	5280	2005
112	Madison	Marg St./Ferris Ave./Woodvale Dr.	Dane County	Federal Siren 500	AT-240	10	220	3	120	3250	1976
113	Madison	Charleen Ln. (in park)	Dane County	Federal Siren 500	AT-240	10	220	3	120	3250	1976
114	Madison	Troy Dr.	City of Madison	Federal Signal	2001-DC	6	110	1	130	5280	2009
115	Madison	Northport Dr.	Dane County	Federal Siren	SD 10	10	220	3	105	1170	1958
116	Cross Plains	Village Swimming Pool	Dane County	Federal Siren	Siratone 1212	6	110	1	115	2400	1986
117	Deforest	Village Park/DeForest St.	Village of DeForest	Federal Signal	2001-DC	6	110	1	127	5280	1997
118	Belleville	Fire Station	Dane County	ACA Siren	Allertor	10	230	3	125	4800	1971
119	Brooklyn	Village	Dane County	Federal Siren	3T22	10	220	3	115	2400	1980
120	Fitchburg	Fish Hatchery Rd./PD intersection	Dane County	Federal Signal	Thunderbolt 1000	10	220	3	125	4800	1976
121	Madison	S Midvale Blvd./Nakoma Rd.	Dane County	Federal Signal	Thunderbolt 1000	10	230	1	125	4800	1981
122	Madison	Sayle St. (1204) at Van Deusen St.	City of Madison	Federal Siren	2001-DC	6	110	1	130	5280	2008
123	Maple Bluff	Summit/McBride	Dane County	American Signal	Tempest T-121	8	110	1	121	3600	2010
124	Dunn	Bayview Hgts. Mobile/Hwy 51	Dane County	Federal Siren	Thunderbolt 1000T	10	220	3	125	4800	1976
125	Maple Bluff	Old Shore/Bayside	Dane County	ACA Signal	Banschee	10	230	3	110	1625	1970

Site #	Community	Location	Owner	Make	Model	HP	Voltage	Phase	Decibel Rating	Range	Install
126	Black Earth	Canal St/Fire Station	Dane County	ACA Siren	Perf+Penetrator	7.5	220	1	125	4800	1989
127	Black Earth	Center/Hillcrest	Dane County	Federal Siren	Siratone 1212	E	110	1	115	2400	1986
128	Middleton-Town	Cherrywood Subdivision	Dane County	Federal Signal	5BT	7.5	240	1	113	2000	1960
129	Madison	E Washington Ave. 2222/East High	Dane County	Federal Siren	Thunderbolt 1000	10	220	3	125	4800	1953
130	Springfield Twp	Don's Mobile Manor	Dane County	Federal Siren	2TT	2	220	1	102	1000	1970
131	Madison	Mayfair Avenue/Prairie Ave.	City of Madison	Federal Signal	2001-DC	6	110	1	127	5280	2005
132	Cross Plains	St. Francis Xavier School	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	1986
133	Mazomanie	Bridge St.	Dane County	ACA Siren	Perf+Penetrator	7.5	220	1	125	4800	1989
134	Mazomanie	Reeve Rd./Emily St.	Dane County	American Signal	T128	UNK	110	1	128	5280	2004
135	Madison	Larkin St.	Dane County	American Signal	Tempest T-128	8	110	1	128	6200	2010
136	Cottage Grove	Near water tower	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	2009
137	Blue Mounds	Village Park, Countryview Ln.	Dane County	ACA Siren	Perf+Penetrator	7.5	240	1	125	4800	1989
138	Mt. Horeb	Jaycee Park, Linda Rd.	Dane County	ACA Siren	Perf+Penetrator	7.5	220	1	125	4800	1989
139	Verona	N. Nine Md Rd./Pumphouse	Dane County	ACA Siren	Perf+Penetrator	7.5	220	1	125	4800	1989
140	Verona	Parkland Dr./south east side	Dane County	Federal Siren	Siratone 1212	E	110	1	115	2400	1986
141	DeForest	River Rd.	Village of DeForest	Federal Signal	2001-DC	6	110	1	127	5280	1997
142	Middleton-Town	Mineral Point Rd.	Town of Middleton	Federal Siren	2001-DC	6	110	1	128	5280	2006
143	Paoli	Village/Town of Montrose	Dane County	Federal	Model 7	7.5	220	3	110	1625	1970
144	Springfield Twp.	Hwy 12/Hwy P	Dane County	Federal Siren	Model 2	2	230	1	102	1000	1970
145	Madison	N Gammon Rd./S of Farmington	Dane County	Federal Signal	Thunderbolt 1000	10	230	1	125	4800	1981
146	Middleton	Hubbard 7426/City Hall	Dane County	ACA Signal	Allertor	10	230	3	125	4800	1971
147	Fitchburg	Lacy Rd./E of Osmundsen Rd.	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	1971
148	Madison	Crestview Dr./Dixie Ln.	Dane County	Federal Siren	7TT	7.5	220	3	105	1170	1962
149	Madison	Chamberlin Hall Roof	Dane County	Federal Signal	2001	6	110	1	127	5280	2002
150	Fitchburg	Hwy PD/Camp Badger School	Dane County	Federal Signal	Thunderbolt 1000T	10	220	3	125	4800	1976

Site #	Community	Location	Owner	Make	Model	HP	Voltage	Phase	Decibel Rating	Range	Install
151	Madison	Waukesha 4801/Van Hise School	City of Madison	Federal Signal	2001-DC	6	110	1	130	5280	2009
152	McFarland	Municipal Building on Milwaukee St.	Village of McFarland	Federal Siren	2001-DC	6	110	1	127	5280	1998
153	Waunakee	South St./High School	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
154	Oregon	Municipal parking lot/downtown	Dane County	ACA Siren	Allertor	10	230	3	125	4800	1970
155	Deerfield	High St./park	Dane County	Federal Siren	2001	6	110	1	127	5280	1993
156	Madison	Beld St. 1926/by Pump Station	Dane County	Federal Signal	SD 10	10	220	3	110	1625	1954
157	Madison	Buckeye Rd.	City of Madison	Federal Siren	2001-DC	6	110	1	127	5280	2005
158	Middleton	Century Ave./Baskerville Ave.	Dane County	Federal Signal	Thunderbolt 1000	10	220	3	125	4800	1976
159	Dane	Village Fire Station	Dane County	Federal Siren	3T22	10	220	3	115	2400	1970
160	Madison	Putnam Rd./Maple View Dr.	Dane County	Federal Signal	Thunderbolt 1000	10	230	1	125	4800	1981
161	Shorewood Hills	Middle of Circle Close	Dane County	Federal Signal	3T22	10	230	1	115	2400	1970
162	Madison	Frazier Ave./W Broadway	City of Madison	American Signal	Tempest T-128	8	110	1	128	6200	2010
163	Madison	Thrush Lane	Dane County	Federal Signal	7TTT	7.5	220	3	105	1170	1965
164	Madison	Dearholt Rd./Odana Rd.	Dane County	Federal Signal	2TT	2	220	3	100	810	1963
165	Oregon	Netherwood/Hillcrest	Dane County	Federal Siren	Thunderbolt 1003	10	220	3	125	4800	1970
166	Madison	Emil St.	Dane County	ACA Signal	Allertor	10	230	3	125	4800	1970
167	Monona	Bridge Rd./in park	Dane County	Federal Siren	Siratone 1212	E	110	1	115	2400	1986
168	Middleton	High Rd./near water tower	Dane County	Federal Signal	2001 DC	8	110	1	124	5280	2010
169	Madison	N Rosa Rd./Terra Haute Ave.	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
170	Fitchburg	Syene/Hilltop	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
171	Madison	Moorland Rd./inside fence 9 Springs	Dane County	Federal Siren	Siratone 1212	E	110	1	115	2400	1986
172	Madison	Hammersley Rd./Frisch Rd.	Dane County	Federal Signal	500 AT-240	10	220	3	120	3250	1976
173	Madison	Whitney Way/Barton Rd.	Dane County	Federal Siren	2001-DC	6	110	1	130	5280	2008

Site #	Community	Location	Owner	Make	Model	HP	Voltage	Phase	Decibel Rating	Range	Install
174	Windsor	Hwy CV/Maple Lane	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
175	Madison	Marsha Dr./Temkin Ave.	Dane County	Federal Signal	SD10	10	220	3	110	1625	1954
176	Madison	S Segoe Rd./Berwyn Dr.	Dane County	Federal Signal	3T22	10	220	3	115	2400	1963
177	Madison	Midvale Blvd./Odana Rd.	Dane County	Federal Signal	2T22	10	220	3	110	1625	1961
178	Madison	East Buckeye Rd.	Dane County	Federal Signal	Model 7	2	120	1	102	1170	1961
179	Madison	Brooks St./Fish Hatchery Rd.	Dane County	Federal Signal	Model 7	2	120	1	100	810	1970
180	Madison	M L King Blvd. 210/CCB Roof	Dane County	HOR Super	Sirex #50	40	480	3	125	4800	1953
181	Madison	Ingersoll St./E Main St.	Dane County	Federal Signal	2T22	10	220	3	110	1625	1963
182	Monona	City Hall/Schluter Rd. 5211	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	1971
183	Madison	East Dean Ave.	Dane County	Federal Siren	Model 7	10	220	3	110	1625	1961
184	Madison	Truax Field Bldg. 400	Dane County	Federal Signal	7T	7.5	208	3	110	1625	1964
185	Madison	Dennett Dr./Hargrove St.	Dane County	Federal Siren	2001-DC	6	110	1	128	5280	2006
186	Madison	Lake Edge Blvd./Maher Ave. in park	Dane County	Federal Siren	2T22	10	220	3	113	2000	1962
187	Blooming Grove	Allis Ave./Hwy 51/Fire Station	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	2005
188	Madison	Anniversary Ln. near Hayes Rd.	Dane County	Federal	Thunderbolt 1000	10	230	1	125	4800	1981
189	Waunakee	Village Hall	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	2008
190	Stoughton	Middle School/North St./downtown	Dane County	Federal Signal	2001-DC	6	110	1	127	5280	2008
191	Stoughton	Van Buren/Kriedeman	Dane County	American Signal	Tempest T-128	8	110	1	128	6200	2010
192	Cambridge	Bilstad/South	Dane County	ACA Siren	Allertor	10	230	3	125	4800	1970
193	Madison	Northland Dr./School Rd.	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986
194	Madison	Northport Dr./Troy Dr./Fire Station #10	Dane County	Federal Siren	Siratone 1212	E	110	1	115	2400	1986
195	Madison	Packers Ave.	City of Madison	American Signal	Tempest T-128	8	110	1	128	6200	2010
196	Madison	Ruskin St./Spohn Ave.	Dane County	Federal Siren	Siratone 612	E	110	1	124	4800	1986

Site #	Community	Location	Owner	Make	Model	HP	Voltage	Phase	Decibel Rating	Range	Install
197	Blooming Grove	Thurber Ave. 3325/Town Hall	Dane County	ACA Signal	Banschee	10	230	2	110	1625	1970
198	Marshall	River View Dr./north side of village	Dane County	ACA Siren	Allertor	10	230	3	125	4800	1971
199	Marshall	Hwy T/at EMS Bldg.	Dane County	Federal Siren	Siratone1212	E	110	1	115	2400	1986

Appendix C – Emergency Alert System (EAS) Event Codes

APPENDIX C: MASTER LIST OF EAS EVENT CODES USED IN WISCONSIN

Whether used under the authority of the State EAS Plan, or any of the County/Local Area EAS Plans, the following are the only Event Codes to be used in the State of Wisconsin by anyone for any purpose. No codes can be added without FCC approval. County/Local Area EAS Plans which desire to use a code not on this list, should submit that code request to the SECC for FCC approval and subsequent addition to this list. This list will be maintained as a “Master List” for all Event Codes used in the State of Wisconsin.

MANDATORY FCC EVENT CODES

These Event Codes, and the appropriate reactions, must be programmed into the EAS Decoders at all Broadcast Stations and subject Cable TV Systems.

Event Code		Originator Code	County Codes	Required Decoder Action
EAN	Emergency Action Notification	Not applicable	Not applicable	Immediate Broadcast
EAT	Emergency Action Termination	Not applicable	Not applicable	Immediate Broadcast
RMT	Required Monthly Test	EAS, WXR, CIV*	Your County of License (+ 055000 Entire State of Wisconsin)***	Re-broadcast within 60 minutes
RWT	Required Weekly Test**	EAS	Your County of License	Log only. Not for re-broadcast.

* = As of the 2004 revision of this Plan, the CIV Originator Code must be added to the RMT filter.

** = You must log RWT's received from your mandated sources. (Your SR and LP-1 stations.)

In addition, you may log RWT's received from other optional sources. See next page.

*** = Some EAS units (such as TFT) must be programmed with the 055000 code to respond to a State Test; other units (such as Sage) will respond to a State Test without 055000 programmed in.

- You must program your decoder for the codes above, per FCC Rules.
- **YOU ARE STRONGLY ENCOURAGED TO ALSO PROGRAM THE CODES FOR DHS ALERTS AND HazCollect ALERTS... SEE PAGE 2.**
- You may also program in other optional codes.
- Page 2 shows the Optional FCC Event Codes you may use, as well as the Originator Code and Location Code to program for each.
- Pages 3 and 4 show definitions of the non-weather EAS Event Codes.
These definitions can be included in Local EAS Plans to aid local authorities in issuing alerts.
(Only those codes applicable in Wisconsin are shown.)

APPENDIX C: MASTER LIST OF EAS EVENT CODES USED IN WISCONSIN

OPTIONAL EVENT CODES SUGGESTED FOR USE BY WISCONSIN BROADCASTERS & CABLE OPERATORS

RECOMMENDED FOR IMMEDIATE BROADCAST		OTHER POSSIBLE CODES FOR IMMEDIATE BROADCAST		WATCHES AND STATEMENTS ONLY NOT FOR IMMEDIATE BROADCAST		TESTS, LOG ONLY NOT FOR BROADCAST	
	WEATHER Originator Code: WXR		WEATHER Originator Code: WXR		WEATHER Originator Code: WXR		OPTIONAL SOURCES Originators: WXR, CIV
TOR	Tornado Warning	SVR	Severe Thunderstorm Warning	TOA	Tornado Watch	RWT	Required Weekly Test*
FFW	Flash Flood Warning	FLW	Flood Warning	SVA	Severe Thunderstorm Watch	NPT	National Periodic Test
		WSW	Winter Storm Warning	SVS	Severe Weather Statement	DMO	Practice Demo Warning
	CIVIL AUTHORITIES Likely DHS** use. Possible HazCollect**/Local use. Originator Code: CIV	BZW	Blizzard Warning	SPS	Special Weather Statement	* = Refers to the logging of RWT's from optional sources, such as from NWR and CIV's. (You must log RWT's from SR and LP-1 stations.)	
		HWW	High Wind Warning	FFA	Flash Flood Watch		
		SMW	Special Marine Warning*****	FFS	Flash Flood Statement		
CEM	Civil Emergency Message (also for State EAS Alerts***)	***** = New in 2004, SMW is now EAS-coded. Lakeshore broadcasters may want to program this code. It is used with Lake Codes on Page 14 of this Plan.		FLA	Flood Watch		
CDW	Civil Danger Warning			FLS	Flood Statement		
ADR	Administrative Message			WSA	Winter Storm Watch		
				HWA	High Wind Watch		
	CIVIL AUTHORITIES Possible DHS/HazCollect**/ and Local use. Originator Code: CIV	HIGHLY ENCOURAGED ALERT			CIVIL AUTHORITIES Originator Code: CIV		
			CIVIL AUTHORITIES State Amber Alert**** use. Originator Code: CIV				
HMW	Hazardous Materials Warning	CAE	Child Abduction Emergency	NIC	National Information Center Statement		
NUW	Nuclear Power Plant Warning			NMN	Network Message Notification		
RHW	Radiological Hazard Warning			Location Codes for all alerts: Weather and Local Civil Authorities: Program counties in your "coverage area". ** DHS Alerts and HazCollect Alerts will be sent via NOAA Weather Radio using County Codes. Program counties in your "coverage area". *** Some EAS units (such as TFT) must be programmed with the 055000 code to respond to a State EAS Alert; other units (such as Sage) will respond to a State EAS Alert without 055000 programmed in. **** Wisconsin Amber Alerts use State Code Sub-division codes. See Wisconsin Amber Alert Plan for proper code for your area. www.amberalertwisconsin.org/content/overview.asp			
EVI	Immediate Evacuation						
LAE	Local Area Emergency						
SPW	Shelter In Place Warning						
FRW	Fire Warning						
	CIVIL AUTHORITIES Possible HazCollect**/Local use. Originator Code: CIV						
LEW	Law Enforcement Warning						
EQW	Earthquake Warning						
TOE	911 Telephone Outage Emergency						

APPENDIX C: MASTER LIST OF EAS EVENT CODES USED IN WISCONSIN

NON-WEATHER EAS EVENT CODE DEFINITIONS

The following are definitions of the non-weather related Event Codes, as found in National Weather Service Instruction 10-518, Appendix C. These definitions will be used by federal agencies as guidance in selecting EAS Event Codes, and can be used by local officials as well.

Administrative Message (ADR) A non-emergency message that provides updated information about an event in progress, an event that has expired or concluded early, pre-event preparation or mitigation activities, post-event recovery operations, or other administrative matters pertaining to the Emergency Alert System.

Child Abduction Emergency (CAE) An emergency message, based on established criteria, about a missing child believed to be abducted. A local or state law enforcement agency investigating the abduction will describe the missing child, provide a description of the suspect or vehicle, and ask the public to notify the requesting agency if they have any information on the whereabouts of the child or suspect.

Civil Danger Warning (CDW) A warning of an event that presents a danger to a significant civilian population. The CDW, which usually warns of a specific hazard and gives specific protective action, has a higher priority than the Local Area Emergency (LAE). Examples include contaminated water supply and imminent or in-progress military or terrorist attack. Public protective actions could include evacuation, shelter in place, or other actions (such as boiling contaminated water or seeking medical treatment).

Civil Emergency Message (CEM) An emergency message regarding an in-progress or imminent significant threat(s) to public safety and/or property. The CEM is a higher priority message than the Local Area Emergency (LAE), but the hazard is less specific than the Civil Danger Warning (CDW). For example, the CEM could be used to describe a change in the Homeland Security Alert System level in response to a terrorist threat.

Earthquake Warning (EQW) A warning of current or imminent earthquake activity. Authorized officials may recommend or order protective actions according to state law or local ordinance.

Evacuation Immediate (EVI) A warning where immediate evacuation is recommended or ordered according to state law or local ordinance. As an example, authorized officials may recommend the evacuation of affected areas due to an approaching tropical cyclone. In the event a flammable or explosive gas is released, authorized officials may recommend evacuation of designated areas where casualties or property damage from a vapor cloud explosion or fire may occur.

Fire Warning (FRW) A warning of a spreading wildfire or structural fire that threatens a populated area. Evacuation of areas in the fire's path may be recommended by authorized officials according to state law or local ordinance.

APPENDIX C: MASTER LIST OF EAS EVENT CODES USED IN WISCONSIN

NON-WEATHER EAS EVENT CODE DEFINITIONS (continued)

Hazardous Materials Warning (HMW) A warning of a release of non-radioactive hazardous material (such as a flammable gas, toxic chemical, or biological agent) that may recommend evacuation (for an explosion, fire, or oil spill hazard) or shelter in place (for a toxic fume hazard).

Law Enforcement Warning (LEW) A warning of a bomb explosion, riot, or other criminal event (e.g. a jailbreak). An authorized law enforcement agency may blockade roads, waterways, or facilities, evacuate or deny access to affected areas, and arrest violators or suspicious persons.

Local Area Emergency (LAE) An emergency message that defines an event that by itself does not pose a significant threat to public safety and/or property. However, the event could escalate, contribute to other more serious events, or disrupt critical public safety services. Instructions, other than public protective actions, may be provided by authorized officials. Examples include: a disruption in water, electric or natural gas service, road closures due to excessive snowfall, or a potential terrorist threat where the public is asked to remain alert.

Network Message Notification (NMN) Not yet defined and not in the suite of products for relay by NWS.

911 Telephone Outage Emergency (TOE) An emergency message that defines a local or state 911 telephone network outage by geographic area or telephone exchange. Authorized officials may provide alternate phone numbers with which to reach 911 or dispatch personnel.

Nuclear Power Plant Warning (NUW) A warning of an event at a nuclear power plant, such as a Site Area Emergency or General Emergency as classified by the Nuclear Regulatory Commission (NRC). A Site Area Emergency is confined to the plant site; no off-site impact is expected. Typically, a General Emergency is confined to an area less than a 10-mile radius around the plant. Authorized officials may recommend evacuation or medical treatment of exposed persons in nearby areas.

Radiological Hazard Warning (RHW) A warning of the loss, discovery, or release of a radiological material. Examples include: the theft of a radioactive isotope used for medical, seismic, or other purposes; the discovery of radioactive materials; a transportation (aircraft, truck or rail, etc.) accident which may involve nuclear weapons, nuclear fuel, or radioactive wastes. Authorized officials may recommend protective actions to be taken if a radioactive hazard is discovered.

Shelter in Place Warning (SPW) A warning of an event where the public is recommended to shelter in place (go inside, close doors and windows, turn off air conditioning or heating systems, and turn on the radio or TV for more information). An example is the release of hazardous materials where toxic fumes or radioactivity may affect designated areas.

APPENDIX C: MASTER LIST OF EAS EVENT CODES USED IN WISCONSIN

NON-WEATHER EAS EVENT CODE DEFINITIONS (continued)

Hazardous Materials Warning (HMW) A warning of a release of non-radioactive hazardous material (such as a flammable gas, toxic chemical, or biological agent) that may recommend evacuation (for an explosion, fire, or oil spill hazard) or shelter in place (for a toxic fume hazard).

Law Enforcement Warning (LEW) A warning of a bomb explosion, riot, or other criminal event (e.g. a jailbreak). An authorized law enforcement agency may blockade roads, waterways, or facilities, evacuate or deny access to affected areas, and arrest violators or suspicious persons.

Local Area Emergency (LAE) An emergency message that defines an event that by itself does not pose a significant threat to public safety and/or property. However, the event could escalate, contribute to other more serious events, or disrupt critical public safety services. Instructions, other than public protective actions, may be provided by authorized officials. Examples include: a disruption in water, electric or natural gas service, road closures due to excessive snowfall, or a potential terrorist threat where the public is asked to remain alert.

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Radiological Hazard Warning (RHW) A warning of the loss, discovery, or release of a radiological material. Examples include: the theft of a radioactive isotope used for medical, seismic, or other purposes; the discovery of radioactive materials; a transportation (aircraft, truck or rail, etc.) accident which may involve nuclear weapons, nuclear fuel, or radioactive wastes. Authorized officials may recommend protective actions to be taken if a radioactive hazard is discovered.

Shelter in Place Warning (SPW) A warning of an event where the public is recommended to shelter in place (go inside, close doors and windows, turn off air conditioning or heating systems, and turn on the radio or TV for more information). An example is the release of hazardous materials where toxic fumes or radioactivity may affect designated areas.

**Attachment A
Submit With RFP**

RFP COVER PAGE SIGNATURE AFFIDAVIT	
NAME OF FIRM:	
STREET ADDRESS:	
CITY, STATE, ZIP	
CONTACT PERSON:	
PHONE #:	
FAX #:	
EMAIL:	

In signing this proposal, we also certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a proposal; that this proposal has been independently arrived at without collusion with any other proposer, competitor or potential competitor; that this proposal has not been knowingly disclosed prior to the opening of proposals to any other proposer or competitor; that the above statement is accurate under penalty of perjury.

The undersigned, submitting this proposal hereby agrees with all the terms, conditions, and specifications required by the County in this Request for Proposal, and declares that the attached proposal and pricing are in conformity therewith.

Signature

Title

Name (type or print

Date

Addendums -This firm hereby acknowledges receipt / review of the following addendum(s) (If any)

Addendum # _____ Addendum # _____ Addendum # _____ Addendum # _____

Attachment B
Submit With RFP

VENDOR REGISTRATION CERTIFICATION

Per Dane County Ordinance, Section 62.15, "Any person desiring to bid on any county contract must register with the purchasing manager and pay an annual registration fee of \$20."

Your completed Vendor Registration Form and Registration Fee must be received for your bid to be considered for an award. Your bid/proposal may not be evaluated for failure to comply with this provision.

Complete a registration form online by visiting our web site at www.danepurchasing.com. You will be prompted to create a username and a password and you will receive a confirmation message, then log back in and complete the registration. Once your registration is complete you will receive a second confirmation. Retain your user name and password for ease of re-registration in future years.

Payment may be made via credit card on-line or by check in the mail or in person at the Purchasing Division office. If paying by check make check payable to Dane County Treasurer and indicate your federal identification number (FIN) on the subject line.

CERTIFICATION

The undersigned, for and on behalf of the **PROPOSER, BIDDER OR APPLICANT** named herein, certifies as follows:

- This firm is a paid, registered vendor with Dane County in accordance with the bid terms and conditions.

Vendor Number # _____

Paid until _____

Date Signed: _____

Officer or Authorized Agent

Business Name

Attachment C
Submit With RFP

REFERENCE DATA SHEET		
Provide company name, address, contact person, telephone number, and appropriate information on the product(s) and/or service(s) used for three (3) or more installations/services with requirements similar to those included in this solicitation document		
NAME OF FIRM:		
STREET ADDRESS:		
CITY, STATE, ZIP		
CONTACT PERSON:		EMAIL:
PHONE #:		FAX #:
Product(s) and/or Service(s) Used:		
NAME OF FIRM:		
STREET ADDRESS:		
CITY, STATE, ZIP		
CONTACT PERSON:		EMAIL:
PHONE #:		FAX #:
Product(s) and/or Service(s) Used:		
NAME OF FIRM:		
STREET ADDRESS:		
CITY, STATE, ZIP		
CONTACT PERSON:		EMAIL:
PHONE #:		FAX #:
Product(s) and/or Service(s) Used:		
NAME OF FIRM:		
STREET ADDRESS:		
CITY, STATE, ZIP		
CONTACT PERSON:		EMAIL:
PHONE #:		FAX #:
Product(s) and/or Service(s) Used:		

Attachment D
Submit with RFP

Designation of Confidential and Proprietary Information

The attached material submitted in response to this Proposal includes proprietary and confidential information which qualifies as a trade secret, as provided in Sect 19.36(5), Wisconsin State Statutes, or is otherwise material that can be kept confidential under the Wisconsin Open Records law. As such, we ask that certain pages, as indicated below, of this proposal response be treated as confidential material and not be released without our written approval. Attach additional sheets if needed.

Section	Page Number	Topic

Check mark : _____ This firm is not designating any information as proprietary and confidential which qualifies as trade secret.

Prices always become public information when proposals are opened, and therefore cannot be designated as confidential.

Other information cannot be kept confidential unless it is a trade secret. Trade secret is defined in Sect. 134(80)(1)(c) Wis. State Statutes, as follows: "Trade secret" means information, including a formula, pattern, compilation, program, device, method technique or process to which all of the following apply:

1. The information derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by other persons who can obtain economic value from its disclosure or use.
2. The information is the subject of efforts to maintain its secrecy that are reasonable under the circumstances.

In the event the Designation of Confidentiality of this information is challenged, the undersigned hereby agrees to provide legal counsel or other necessary assistance to defend the Designation of Confidentiality.

Failure to include this form in the proposal response may mean that all information provided as part of the proposal response will be open to examination or copying. The County considers other markings of confidential in the proposal document to be insufficient. The undersigned agree to hold the County harmless for any damages arising out of the release of any material unless they are specifically identified above.

Signature

Title

Name (type or print)

Date

FAIR LABOR PRACTICES CERTIFICATION
Dane County Ordinance 25.11(28)

The undersigned, for and on behalf of the PROPOSER, BIDDER OR APPLICANT named herein, certifies as follows:

1. That he or she is an officer or duly authorized agent of the above-referenced PROPOSER, BIDDER OR APPLICANT, which has submitted a proposal, bid or application for a contract with the county of Dane.

That PROPOSER, BIDDER OR APPLICANT has: (Check One)

_____ not been found by the National Labor Relations Board (“NLRB”) or the Wisconsin Employment Relations Commission (“WERC”) to have violated any statute or regulation regarding labor standards or relations in the seven years prior to the date this Certification is signed.

_____ been found by the National Labor Relations Board (“NLRB”) or the Wisconsin Employment Relations Commission (“WERC”) to have violated any statute or regulation regarding labor standards or relations in the seven years prior to the date this Certification is signed

Date Signed: _____

Officer or Authorized Agent

Business Name

NOTE: You can find information regarding the violations described above at:
www.nlrb.gov and <http://werc.wi.gov>.

For Reference Dane County Ord. 28.11 (28) is as follows:

(28) BIDDER RESPONSIBILITY. (a) Any bid, application or proposal for any contract with the county, including public works contracts regulated under chapter 40, shall include a certification indicating whether the bidder has been found by the National Labor Relations Board (NLRB) or the Wisconsin Employment Relations Committee (WERC) to have violated any statute or regulation regarding labor standards or relations within the last seven years. The purchasing manager shall investigate any such finding and make a recommendation to the committee, which shall determine whether the conduct resulting in the finding affects the bidder’s responsibility to perform the contract.

If you indicated that you have been found by the NLRB or WERC to have such a violation, you must include a copy of any relevant information regarding such violation with your proposal, bid or application.

Attachment F: Mandatory Proposal Pricing Format

Table F.1 – Required System Summary Sheet (Total Cost)

RESPONDENTS Shall complete all forms	
System Components (Table F-2)	Total
Siren System Central Control and HMI	
Remote Siren Site Equipment	
Spare Equipment	
Other	
Total Infrastructure	
Services –(Table F-3)	Total
Installation	
Project Management	
System Engineering	
System Staging	
Acceptance Testing	
Documentation	
Training	
Warranty & Maintenance	
Other	
Total Services	
Total Proposal Cost	

Table F.2 – Proposal Pricing Sheet (System Components Cost)

Item	Description	Site Name	Qty	Unit Cost	Extended Cost
	Siren System Central Control and HMI				
	List all system control equipment; Controllers				
	Software, networking equipment, servers, etc.				
	Remote Siren Site Equipment				
	Radio Equipment, Antenna Networks				
	Networking Equipment, Software, etc.				
	Spare Equipment				
	Suggest spares for system repairs				
	Other				

Table F.3 – Proposal Pricing Sheet (Services Cost)

Item	Description	Site Name	Qty	Unit Cost	Extended Cost
	Installation				
	Project Management				
	System Engineering				
	System Staging				

Item	Description	Site Name	Qty	Unit Cost	Extended Cost
	Acceptance Testing				
	Documentation				
	Training				
	Warranty and Maintenance				
	Other				

Table F.4 – System Options Summary Sheet (Total Cost)

RESPONDENTS Shall complete all forms	
System Options (Table F-5)	Total
Telephone, Text, TDD/TTY, EAS Alerting System Cost	
(See section 7.2.C)	
Total	
Services –(Table F-6)	Total
Installation	
Project Management	
System Engineering	
System Staging	
Acceptance Testing	
Documentation	
Training	
Warranty & Maintenance	
Other	
Total Services	
Total Proposal Cost	

Table F.5 – Proposal Pricing Sheet (System Options Cost)

Item	Description	Site Name	Qty	Unit Cost	Extended Cost
	Telephone, Text, TDD/TTY, EAS Alerting System				
	List all system control equipment; Controllers				
	Software, networking equipment, servers, etc.				
	Telephone, Text, TDD/TTY, EAS Alerting System				
	List all costs if solution is hosted				
	Spare Equipment				
	Suggest spares for system repairs				
	Other				

Table F.6 – Proposal Pricing Sheet (System Options Services Cost)

Item	Description	Site Name	Qty	Unit Cost	Extended Cost
	Installation				
	Project Management				
	System Engineering				
	System Staging				

Item	Description	Site Name	Qty	Unit Cost	Extended Cost
	Acceptance Testing				
	Documentation				
	Training				
	Warranty and Maintenance				
	Other				

Table F.7 – Pricing Sheet (Post-Warranty Options Cost)

Item	Description	Qty	Unit Cost	Extended Cost
	Post-Warranty Maintenance (List each service separately)			
	Subscription/Hosted Services Costs			