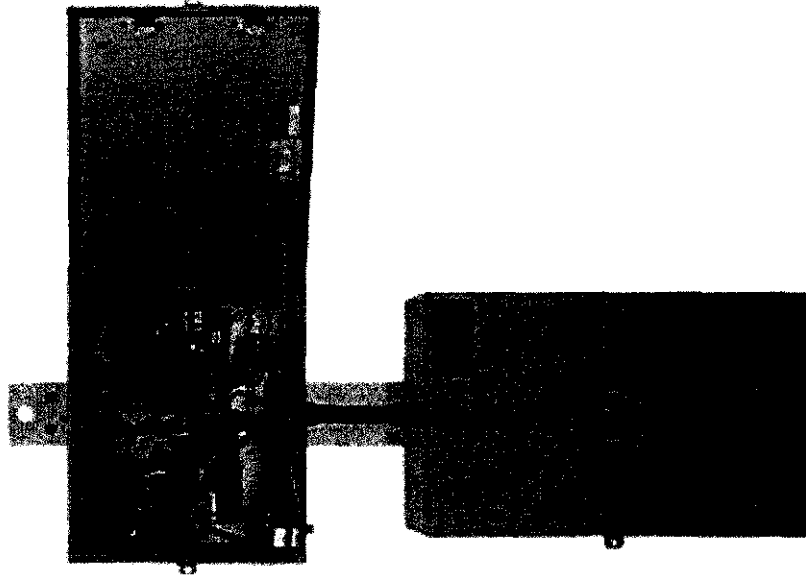
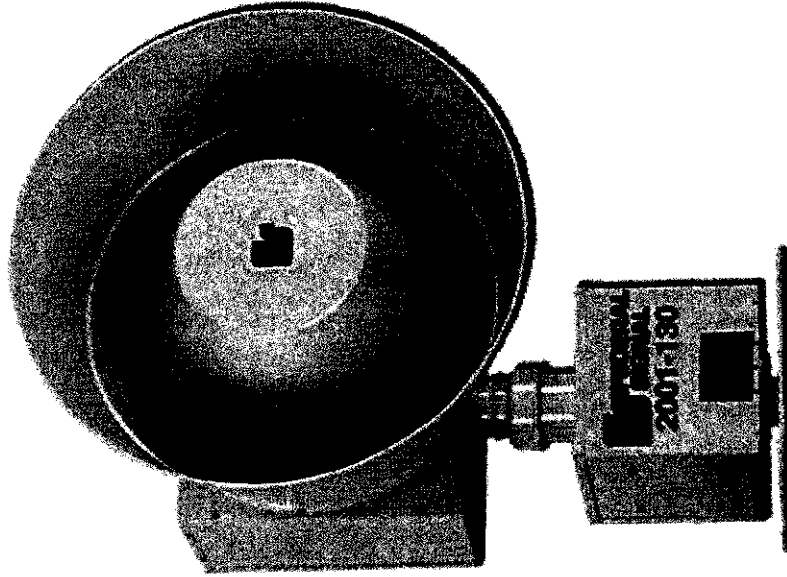


FEDERAL SIGNAL CORPORATION
Federal Warning Systems

City of Jonesboro

Tornado Siren System

RFP 2008:30



Original Copy

City of Jonesboro
Purchasing Department
515 West Washington Ave.
Jonesboro, AR. 72401

June 10, 2008

Federal Signal and DH Marketing appreciate the opportunity to provide you with a response to your Bid # 2008:30 Tornado Siren System replacement.

We have proposed a complete replacement of your existing system, with thirty-seven (37) Federal Signal 2001-130 Sirens with 2-way status reporting controls. This siren has a sound output of 130db @ 100', providing approximately 6,300' Radius Coverage.

Included in this proposal is activation equipment for three (3) locations, including encoders, software, PC's and training. An option for mobile activation can be provided by the Federal Signal Client Server Software, which will allow for activation from any PC with an internet connection.

Purchasing directly from the manufacturer, allows you access to factory turnkey installation, training and service. Purchasing from a two-way radio shop or a reseller, takes the responsibility for the system off of the factory, and puts it in the hands of the reseller. Jonesboro Communications will be factory trained to provide service and maintenance for any of your future needs.

As your longtime supplier of Community Warning equipment, Federal Signal looks forward to the opportunity to provide turnkey equipment and service to the City of Jonesboro.

Regards,



Scott Hollingsworth
Sales Representative
Federal Signal Corporation
D H Marketing
P.O. Box 5680
Lago Vista, Texas 78645
(800) 966-3357 x703
(512) 267-7760 - Fax

1

Bid Pricing &
Bid Documents

2

Project Plan

3

Proposed Equipment

4

Maintenance &
Service Options

5

Corporate Information

FEDERAL SIGNAL
Safety and Security Systems

Advancing security and well-being.

2645 Federal Signal Drive
University Park, Illinois 60466-3195
708-534-3400
federalsignalpublicsafety.com

Contact Name: Purchasing Department
Customer: City of Jonesboro
Address: 515 W. Washington Ave
City: Jonesboro **State:** AR **Zip:** 72401
Country: USA
Phone: (870) 932-0740
Cell:

Quotation No.: FWS
82608083606
Reference quote no. on your order

Upon receipt of your order and acceptance by Federal Signal Corporation, the equipment herein will be supplied at the quoted prices below. Delivery schedule cannot be established until radio information is supplied, if applicable.

August 26, 2008

Item No.	Qty.	Federal Model/Part No.	Description	Weight	Kg Weight	Total Weight Lbs	Total Weight KG	Unit Price	Total
(37) 2001-130 DC Siren Units (2-Way / UHF)									
1	37	2001-130	ROTATING SIREN (130db)	485	220	17945	8140	\$5,691.00	\$210,567.00
2	37	DCFCTBDU	SIREN CONTROL UNIT (UHF / 2-WAY / FSK)	237	108	8769	3996	\$4,410.00	\$163,170.00
3	37	OMNI-UHF	OMNI-DIRECTIONAL ANTENNA W/ CABLE					\$241.50	\$8,935.50
4	37	AMB-P	ANTENNA MOUNTING BRACKET	20	9	740	333	\$70.00	\$2,590.00
5	37	TK-I-2001DC-Z2	2001 DC Only Install, 4 Std Batteries, 50' Class 2 Wood Pole	-	-			\$5,766.00	\$213,342.00
6	10	ES-PROJMGT	Project Management					\$250.00	\$2,500.00
7	1	ES-FREIGHT	SHIPPING FEES					\$5,250.00	\$5,250.00
		Note:	Customer to provide AC power to each siren site.					Siren Equip.	\$608,354.50
Siren / Pole Removals									
1	26	TK-IQ-EQUIREMOV	Removal of Existing Siren Equipment from Pole	-	-			\$500.00	\$13,000.00
2	26	TK-IQ-POLREMOV	Removal of Existing Pole from Ground	-	-			\$1,000.00	\$26,000.00
		Note:	Customer to provide AC power to each siren site.					Removals	\$39,000.00
Activation Equipment (3 Locations) (Locations include Encoder, Computer, Software)									
1	3	SS2000D	FSK Encoder (Desktop or Rack Mount)	6	3		9	\$2,100.00	\$6,300.00
2	3	TK-I-ENCODER-Z2	Encoder Installation					\$1,343.00	\$4,029.00
3	1	SFCD255	Digital Commander Software (Up to 255 Sites)	12	5		5	\$3,885.00	\$3,885.00
4	3	X-PCXPPRO-D	Dell Desktop PC					\$2,135.00	\$6,405.00
5	2	TK-S-CPSYSOP	System Optimization of Activation Point					\$1,679.00	\$3,358.00
6	1	TK-S-FULOFTPKG	Complete Training Package / Activ. Pt. Optimization					\$3,805.00	\$3,805.00
7	1	ES-FREIGHT	SHIPPING FEES					\$1,068.00	\$1,068.00
		Note:	Customer to provide existing base station radio, capable of operating with Digital Commander / SS2000D.					Activation	\$28,850.00
Total Weight:						27,454	12,483	Total Cost:	\$674,204.50

Prices are firm for 120 days from the date of quotation unless shown otherwise. Upon acceptance, prices are firm for 6 months. This quotation is expressly subject to acceptance by Buyer of all Terms stated in the attached Terms document, and any exception to or modification of such Terms shall not be binding on Seller unless expressly accepted in writing by an authorized agent or Officer of Seller. Any order submitted to Seller on the basis set forth above, in whole or in part, shall constitute an acceptance by Buyer of the Terms. Any such order shall be subject to acceptance by Seller in its discretion. If the total price for the items set forth above exceeds \$50,000 then this quotation IS ONLY VALID if countersigned below by a Regional Manager of the Safety & Security Systems Group, Federal Signal Corporation. Installation is not included unless specifically quoted as a line item above. Adverse Site Conditions, including rock, caving soil conditions, contaminated soil, poor site access availability, and other circumstances which result in more than 2 hours to install a pole, will result in a \$385.00 per hour fee, plus equipment. Trenching is additional. Power Clause, bringing power to the equipment is the responsibility of the purchaser. Permit Clause, any special permits, licenses or fees will be additional. See attached Terms sheet.

Delivery: 6-8 weeks, plus installation
Freight Terms: FOB University Park, IL (Factory)
Terms: Equipment: Net 30 Days upon shipment
Services: Net 30 Days upon completion,
billed monthly

Proposed By: Scott Hollingsworth
Company: Federal Signal Corporation
Address: P.O. Box 5680
City, State, Zip: Lago Vista, Tx. 78645
Country: USA
Work Phone: (800) 966-3357
Fax: (512) 267-7760
Approved By: Chris Lopez

Signature: _____

Purchase order MUST be made out to:
Federal Signal Corporation, Federal Warning Systems, 2645 Federal Signal Drive, University Park, IL 60466-3195

Accepted By: _____
Signature: _____
Title: _____

_____ Date: _____

FEDERAL SIGNAL
Safety and Security Systems

Advancing security and well-being.

2645 Federal Signal Drive
University Park, Illinois 60466-3195
708-534-3400
federalsignalpublicsafety.com

Contact Name: Purchasing Department
Customer: City of Jonesboro
Address: 515 W. Washington Ave
City: Jonesboro **State:** AR **Zip:** 72401
Country: USA
Phone: (870) 932-0740
Cell:

Quotation No.: FWS
82608083503
Reference quote no. on your order

Upon receipt of your order and acceptance by Federal Signal Corporation, the equipment herein will be supplied at the quoted prices below. Delivery schedule cannot be established until radio information is supplied, if applicable.

August 26, 2008

Item No.	Qty.	Federal Model/Part No.	Description	Weight	kg Weight	Total Weight Lbs	Total Weight KG	Unit Price	Total
OPTIONS									
Upgrade Proposed DC sirens to AC/DC									
1	37	2001TRB	TRANSFORMER / RECTIFIER	170	77	6290	2849	\$1,700.00	\$62,900.00
2	37	ES-FREIGHT	SHIPPING FEES	-	-	-	-	\$68.00	\$2,516.00
								AC/DC Upgrade	\$65,418.00
Upgrade Proposed DC Sirens to Solar Power									
1	37	PVS220W-48	SOLAR PANEL KIT	100	45	3700	1665	\$3,995.00	\$147,815.00
2	37	TK-IO-SOACINS	SOLAR PANEL INSTALLATION	-	-	-	-	\$500.00	\$18,500.00
3	37	ES-FREIGHT	SHIPPING FEES	-	-	-	-	\$159.80	\$5,912.80
								Solar Upgrade	\$172,227.60
Client Server Software (Laptop Activation)									
1	1	SFCDCLNT	CLIENT SERVER SOFTWARE (5 SEATS)	10	5	10	5	\$3,000.00	\$3,000.00
2	1	ES-FREIGHT	SHIPPING FEES	-	-	-	-	\$120.00	\$120.00
Note: Customer to provide PC's for Activation.								Additions	\$3,120.00
Maintenance / Warranty Options									
On-Site Warranty / Annual Maintenance									
1	37	FS-W-FSS	Field Service During Standard 2 yr Warranty Period					\$1,510.00	\$55,870.00
2	37	FS-S-RESP7DAY	Field Service Agreement (Year 3 of System) (7 day response time)					\$1,455.00	\$53,835.00
Total Weight:						10,000	4,519		

Prices are firm for 120 days from the date of quotation unless shown otherwise. Upon acceptance, prices are firm for 6 months. This quotation is expressly subject to acceptance by Buyer of all Terms stated in the attached Terms document, and any exception to or modification of such Terms shall not be binding on Seller unless expressly accepted in writing by an authorized agent or Officer of Seller. Any order submitted to Seller on the basis set forth above, in whole or in part, shall constitute an acceptance by Buyer of the Terms. Any such order shall be subject to acceptance by Seller in its discretion. If the total price for the items set forth above exceeds \$50,000 then this quotation IS ONLY VALID if countersigned below by a Regional Manager of the Safety & Security Systems Group, Federal Signal Corporation. Installation is not included unless specifically quoted as a line item above. Adverse Site Conditions, including rock, caving soil conditions, contaminated soil, poor site access availability, and other circumstances which result in more than 2 hours to install a pole, will result in a \$385.00 per hour fee, plus equipment. Trenching is additional. Power Clause, bringing power to the equipment is the responsibility of the purchaser. Permit Clause, any special permits, licenses or fees will be additional. See attached Terms sheet.

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Work Phone: (800) 966-3357
Fax: (512) 267-7760
Approved By: Chris Lopez

Signature: _____

Purchase order MUST be made out to:
Federal Signal Corporation, Federal Warning Systems, 2645 Federal Signal Drive, University Park, IL 60466-3195

Accepted By: _____
Signature: _____
Date: _____
Title: _____

CITY OF JONESBORO

RFP 2008:30

TORNADO SIREN SYSTEM

DUE 2:00PM CDT AUGUST 27, 2008

SECTION 1

INTRODUCTION

1.1 Description of the City of Jonesboro

The City of Jonesboro is located on the hills of Crowley's Ridge in Eastern Arkansas, 65 miles northwest of Memphis, TN. The city limits is 82 square miles with a population of approximately 62,000 and is one of two county seats in Craighead County. Arkansas State University main campus resides within the borders of Jonesboro.

1.2 Background and Special Circumstances

Currently there is a warning system in place at The City of Jonesboro. Said warning system consists of 26 warning sirens. At present 22 are in working condition. The city's goal in securing these services is to replace the system for notifying the community in the event of a manmade or natural disaster.

1.3 Objective of this Request for Proposal

The City of Jonesboro, Arkansas is soliciting proposals in response to this Request for Proposal for Selection of a Vendor to Provide outdoor warning siren system Services related to outdoor warning emergency notification system, RFP No. 2008:30 (this "RFP"), from qualified vendors to provide outdoor warning systems services (the "Services") related to the City of Jonesboro, Arkansas. The Services, which are more specifically described in Section 5.4 (Scope of Work)

SECTION 2

NOTICE TO VENDOR

2.1 Submittal Deadline

City of Jonesboro will accept proposals submitted in response to this RFP until Thursday August 27, 2008 @ 2:00 pm Central Prevailing Time CST (the "**Submittal Deadline**").

2.2 City of Jonesboro Contact Person

Vendors will direct all questions or concerns regarding this RFP to the following City of Jonesboro contact (the "**City of Jonesboro Contact**"):

Steve Kent
Purchasing Agent
City of Jonesboro
P.O. Box 1845
Jonesboro, AR 72403-1845
(515 West Washington Ave 72401)
Phone - 870-336-7200
Email- skent@jonesboro.org

City of Jonesboro specifically instructs all interested parties to restrict all contact and questions regarding this RFP to written communications forwarded to the City of Jonesboro Contact. The City of Jonesboro Contact must receive all questions or concerns no later than Friday August 20, 2008 at 5:00 pm. The City of Jonesboro will have a reasonable amount of time to respond to questions or concerns. It is City of Jonesboro's intent to respond to all appropriate questions and concerns; however, City of Jonesboro reserves the right to decline to respond to any question or concern.

2.3 Criteria for Selection

The successful Vendor, if any, selected by City of Jonesboro in accordance with the requirements and specifications set forth in this RFP will be the Vendor that submits a proposal in response to this RFP on or before the Submittal Deadline that is the most advantageous to City of Jonesboro. The successful Vendor is referred to as the "**Contractor.**" Vendor is encouraged to propose terms and conditions offering the maximum benefit to City of Jonesboro in terms of (1) services to City of Jonesboro, (2) total overall cost to City of Jonesboro, and (3) project management expertise. Vendors should describe all educational, state and local government discounts, as well as any other applicable discounts that may be available to City of Jonesboro in a contract for the Services.

2.4 Key Events Schedule

Issuance of RFP August 07, 2008

Deadline for Questions/Concerns August 20, 2008 5:00 pm CST (ref. **Section 2.2** of this RFP)

Submittal Deadline August 27, 2008 2:00 p.m Central Prevailing Time (ref. **Section 2.1** of this RFP)

SUBMISSION OF PROPOSAL

3.1 Number of Copies

Vendor must submit a total of 16 complete and identical copies of its *entire* proposal. An *original* signature by an authorized officer of Vendor must appear on at least one (1) copy of the submitted proposal. The copy of the Vendor's proposal bearing an original signature should contain the mark "original" on the front cover of the proposal.

3.2 Submission

Proposals (16 copies) must be received by City of Jonesboro on or before the Submittal Deadline (ref. **Section 2.1** of this RFP) and should be delivered to:

Steve Kent
Purchasing Agent
City of Jonesboro
P.O. Box 1845
Jonesboro, AR 72403-1845
(515 West Washington Ave 72401)
Phone 870-336-7200
Email- skent@jonesboro.org

3.3 Proposal Validity Period

Each proposal must state that it will remain valid for City of Jonesboro's acceptance for a minimum of sixty days (60) after the Submittal Deadline, to allow time for evaluation, selection, and any unforeseen delays.

3.4 Terms and Conditions

3.4.1 Vendor must comply with the requirements and specifications contained in this RFP, the Terms and Conditions (ref. **Section 4** of this RFP), the Notice to Vendor (ref. **Section 2** of this RFP), Proposal Requirements (ref. **APPENDIX ONE**) and the Specifications and Additional Questions (ref. **Section 5** of this RFP). If there is a conflict among the provisions in this RFP, the provision requiring Vendor to supply the better quality or greater quantity of services will prevail, or if such conflict does not involve quality or quantity, then interpretation will be in the following order of precedence:

3.4.1.1. Specifications and Additional Questions (ref. **Section 5** of this RFP);

3.4.1.2. Terms and Conditions (ref. **Section 4** of this RFP);

3.4.1.3. Proposal Requirements (ref. **APPENDIX ONE**);

3.4.1.4. Notice to Vendors (ref. **Section 2** of this RFP).

3.5 Submittal Checklist

Vendor is instructed to complete, sign, and return the following documents as a part of its proposal. If Vendor fails to return each of the following items with its proposal, then City of Jonesboro may reject the proposal:

3.5.1 Signed and Completed Execution of Offer (ref. **Section 2 of APPENDIX ONE**)

3.5.2 Signed and Completed Pricing and Delivery Schedule (ref. **Section 6** of this RFP)

3.5.3 Responses to Vendor's General Questionnaire (ref. **Section 3 of APPENDIX ONE**)

3.5.4 Responses to questions and requests for information in the Specifications and Additional Questions Section (ref. **Section 5** of this RFP)

SECTION 4

4.1 Venue; Governing Law

City of Jonesboro, Craighead County, Arkansas shall be the proper place of venue for suit on or in respect of this Agreement. This Agreement and all of the rights and obligations of the parties hereto and all of the terms and conditions hereof shall be construed, interpreted and applied in accordance with and governed by and enforced under the laws of the State of Arkansas.

4.2 Compliance with Law

Contractor is aware of, is fully informed about, and in full compliance with its obligations under existing applicable law and regulations, including but not limited to Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000(D)), Executive Order 11246, as amended (41 CFR 60-1 and 60-2), Vietnam Era Veterans Readjustment Act of 1974, as amended (41 CFR 60-250), Rehabilitation Act of 1973, as amended (41 CFR 60-741), Age Discrimination Act of 1975 (42 USC 6101 et seq.), Fair Labor Standards Act of 1938, Sections 6, 7, and 12, as amended, Immigration Reform and Control Act of 1986, and Utilization of Small Business Concerns and Small Business Concerns Owned and Controlled by Socially and Economically Disadvantaged Individuals (PL 96-507), the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.), the Civil Rights Act of 1991 and all laws and regulations and executive orders as are applicable.

4.3 City of Jonesboro's Right to Audit

At any time during the term of this Agreement and for a period of three (3) years thereafter City of Jonesboro or a duly authorized audit representative of City of Jonesboro, at reasonable times, reserves the right to audit Contractor's records and books relevant to all services provided under this Agreement. In the event such an audit by City of Jonesboro reveals any errors/overpayments by City of Jonesboro, Contractor shall refund City of Jonesboro the full amount of such overpayments within thirty (30) days of such audit findings, or City of Jonesboro, at its option, reserves the right to deduct such amounts owing City of Jonesboro from any payments due Contractor.

4.4 Access to Documents

To the extent applicable to this Agreement, in accordance with Section 1861(v)(I)(i) of the Social Security Act (42 U.S.C. 1395x) as amended, and the provisions of 42 CFR Section 420.300, et seq., Contractor agrees to allow, during and for a period of not less than three (3) years after the Agreement term, access to this Agreement and its books, documents, and records; and contracts between Contractor and its subcontractors or related organizations, including books, documents and records relating to same, by the Comptroller General of the United States, the U.S. Department of Health and Human Services and their duly authorized representatives.

4.5 Insurance

4.5.1 Contractor, consistent with its status as an independent contractor, will carry at least the following insurance in the form, with the companies and in the amounts (unless otherwise specified) as City of Jonesboro may require:

4.5.1.1 Workers' Compensation Insurance with statutory limits, and Employer's Liability Insurance with limit of not less than One Million Dollars (\$1,000,000) per accident or disease. Policies must include All States Endorsement and a waiver of all rights of subrogation and other rights against the City of Jonesboro;

4.5.1.2 Commercial General Liability insurance, including Blanket Contractual Liability, Broad Form Property Damage, Personal and Advertising Injury, Completed Operations/Products Liability, Medical Expenses, Interest of Employees as additional insured's and Broad Form General Liability Endorsements, for at least One Million Dollars (\$1,000,000) per occurrence on an occurrence basis;

4.5.1.3 Commercial Automobile Liability insurance covering all owned, non-owned or hired automobiles to be used by Contractor, with coverage for at least One Million Dollars (\$1,000,000) Combined Single Limit Bodily Injury and Property Damage;]

4.5.2 Contractor will deliver to City of Jonesboro:

4.5.2.1 Evidence satisfactory to City of Jonesboro in its sole discretion, evidencing the existence of all the insurance promptly after the execution and delivery hereof and prior to the performance or

continued performance of any services to be performed by Contractor hereunder from or after the date of this Agreement; and

4.5.2.2 Additional evidence, satisfactory to City of Jonesboro in its sole discretion, of the continued existence of all required insurance not less than thirty (30) days prior to the expiration of any required insurance. If, however, Contractor fails to pay any of the renewal premiums for the expiring policies, City of Jonesboro will have the right to make the payments and set-off the amount thereof against the next payment coming due to Contractor under this Agreement. Such insurance policies, with the exception of Workers' Compensation and Employer's Liability, will name and the evidence will reflect City of Jonesboro as an Additional Insured and will provide that the policies will not be canceled until after thirty (30) days' unconditional written notice to City of Jonesboro.

4.5.3 The insurance policies required in this Agreement will be kept in force for the periods specified below:

4.5.3.1 Commercial General Liability Insurance, Commercial Automobile Liability Insurance will be kept in force until receipt of Final Payment by Contractor; and

4.5.3.2 Workers' Compensation Insurance and Employer's Liability Insurance will be kept in force until the Services have been fully performed and accepted by City of Jonesboro in writing.

4.6 Indemnification

4.6.1 TO THE FULLEST EXTENT PERMITTED BY LAW, CONTRACTOR WILL AND DOES HEREBY AGREE TO INDEMNIFY, PROTECT, DEFEND WITH COUNSEL APPROVED BY CITY OF JONESBORO AND HOLD HARMLESS CITY OF JONESBORO, AND THEIR RESPECTIVE AFFILIATED ENTERPRISES, REGENTS, OFFICERS, DIRECTORS, ATTORNEYS, EMPLOYEES, REPRESENTATIVES AND AGENTS (COLLECTIVELY "INDEMNITEES") FROM AND AGAINST ALL DAMAGES, LOSSES, LIENS, CAUSES OF ACTION, SUITS, JUDGMENTS, EXPENSES, AND OTHER CLAIMS OF ANY NATURE, KIND, OR DESCRIPTION, INCLUDING REASONABLE ATTORNEYS' FEES INCURRED IN INVESTIGATING, DEFENDING OR SETTLING ANY OF THE FOREGOING (COLLECTIVELY "CLAIMS") BY ANY PERSON OR ENTITY, ARISING OUT OF, CAUSED BY, OR RESULTING FROM CONTRACTOR'S PERFORMANCE UNDER OR BREACH OF THIS AGREEMENT AND THAT ARE CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT, NEGLIGENT OMISSION OR WILLFUL MISCONDUCT OF CONTRACTOR, ANYONE DIRECTLY EMPLOYED BY CONTRACTOR OR ANYONE FOR WHOSE ACTS CONTRACTOR MAY BE LIABLE. THE PROVISIONS OF THIS SECTION WILL NOT BE CONSTRUED TO ELIMINATE OR REDUCE ANY OTHER INDEMNIFICATION OR RIGHT WHICH ANY INDEMNITEE HAS BY LAW OR EQUITY.

4.6.2 IN ADDITION, CONTRACTOR WILL AND DOES HEREBY AGREE TO INDEMNIFY, PROTECT, DEFEND WITH COUNSEL APPROVED BY CITY OF JONESBORO, AND HOLD HARMLESS INDEMNITEES FROM AND AGAINST ALL CLAIMS ARISING FROM INFRINGEMENT OR ALLEGED INFRINGEMENT OF ANY PATENT, COPYRIGHT,

TRADEMARK OR OTHER PROPRIETARY INTEREST ARISING BY OR OUT OF THE PERFORMANCE OF SERVICES OR THE PROVISION OF GOODS BY CONTRACTOR, OR THE USE BY INDEMNITEES, AT THE DIRECTION OF CONTRACTOR, OF ANY ARTICLE OR MATERIAL; PROVIDED, THAT, UPON BECOMING AWARE OF A SUIT OR THREAT OF SUIT FOR INFRINGEMENT, CITY OF JONESBORO WILL PROMPTLY NOTIFY CONTRACTOR AND CONTRACTOR WILL BE GIVEN THE OPPORTUNITY TO NEGOTIATE A SETTLEMENT. IN THE EVENT OF LITIGATION, CITY OF JONESBORO AGREES TO REASONABLY COOPERATE WITH CONTRACTOR. ALL PARTIES WILL BE ENTITLED TO BE REPRESENTED BY COUNSEL AT THEIR OWN EXPENSE.

4.7 Publicity

Contractor agrees that it shall not publicize this Agreement or disclose, confirm or deny any details thereof to third parties or use any photographs or video recordings of City of Jonesboro's employees or use City of Jonesboro's name in connection with any sales promotion or publicity event without the prior express written approval of City of Jonesboro.

4.8 Assignment of Overcharge Claims

Contractor hereby assigns to City of Jonesboro any and all claims for overcharges associated with the Contract arising under the antitrust laws of the United States, 15 U.S.C.A., Sec. 1 et seq.

4.9 Observance of City of Jonesboro Rules and Regulations

Contractor agrees that at all times its employees, agents and permitted subcontractors (if any) will observe and comply with all regulations of the facilities, including but not limited to, no smoking, parking and security regulations.

4.9.1 Payment

City of Jonesboro pays bills on the 10th and 25th of the month. Bills submitted at least five days before said dates will be paid if all appropriate approvals and documentation are attached. Contractor is responsible for obtaining correct approvals and documentation needed to suffice City of Jonesboro accounts payable systems.

4.9.2 Limitations

The parties to this Agreement are aware that there are constitutional and statutory limitations on the authority of the City of Jonesboro to enter into certain terms and conditions of this Agreement, including, but not limited to, those terms and conditions relating to disclaimers and limitations of warranties; disclaimers and limitations of liability for damages; waivers, disclaimers and limitations of legal rights, remedies, requirements and processes; limitations of periods to bring legal action; granting control of litigation or settlement to another party; liability for acts or omissions of third

parties; payment of attorneys' fees; dispute resolution; indemnities; and confidentiality (collectively, the "**Limitations**"), and terms and conditions related to the Limitations shall not be binding on City of Jonesboro except to the extent authorized by the laws and Constitution of the State of Arkansas.

4.9.3 Debarment

Contractor confirms that neither Contractor nor its Principals are suspended, debarred, proposed for debarment, declared ineligible, or voluntarily excluded from the award of contracts from United States ("U.S.") federal government procurement or nonprocurement programs, or are listed in the List of Parties Excluded from Federal Procurement or Nonprocurement Programs issued by the U.S. General Services Administration. "**Principals**" means officers, directors, owners, partners, and persons having primary management or supervisory responsibilities within a business entity (e.g. general manager, plant manager, head of a subsidiary, division or business segment, and similar positions). Contractor shall provide immediate written notification to City of Jonesboro if, at any time prior to award, Contractor learns that this certification was erroneous when submitted or has become erroneous by reason of changed circumstances. This certification is a material representation of fact upon which reliance will be placed when City of Jonesboro executes this Agreement. If it is later determined Contractor knowingly rendered an erroneous certification, in addition to the other remedies available to City of Jonesboro, City of Jonesboro may terminate this Agreement for default by Contractor.

4.9.4 Survival of Provisions

No expiration or termination of this Agreement will relieve either party of any obligations under this Agreement that by their nature survive such expiration or termination.

SECTION 5

SPECIFICATIONS AND ADDITIONAL QUESTIONS

5.1 General

The minimum requirements and the specifications for the Services, as well as certain requests for information to be provided by Vendor as part of its proposal, are set forth below. As indicated in Section 2.3 of this RFP, the successful Vendor is referred to as the "**Contractor**."

5.2 Minimum Requirements

Each Proposal must include information that clearly indicates that Vendor meets each of the following minimum qualification requirements:

5.2.1 Vendor shall be a firm with at least 5 years experience in system planning, integration and installation of Outdoor Warning Systems of similar size and scope.

5.2.2 Vendor will have similar contracts with at least 5 municipalities or their equivalent.

5.2.3 Installer must be certified by manufacturer to perform installation

5.2.4 Vendor is aware of, is fully informed about, and is in full compliance with all applicable federal, state and local laws, rules, regulations applicable to the installation of an outdoor warning system including the applicable guidelines and/or standards referenced in the following documents

5.2.4.1 United Facilities Criteria (UFC) Standard. Department of Defense Document UFC 4-2021-01 .UFC 4-021-01 Design and O&M: Mass Notification Systems which outlines mass notification to be in compliance with the requirements of UFC 4-010-01, DOD Minimum Anti-terrorism Standards for Buildings.

5.2.4.2 NFPA — 72, Annex E Mass Notification Systems Standard. National Fire Protection Association (NFPA) 72, Appendix E, which names standards on providing information and instructions to people, in a building, area, site or other space using intelligible voice communications methods and possibly including visible signals, text, graphics, tactile or other communication methods.

5.2.4.3 FEMA document Ref. CPG1-17 entitled Outdoor Warning Systems Guide

5.3 Additional Questions Specific to this RFP

Vendor must submit the following information as part of Vendor's proposal:

5.3.1 If Vendor takes exception to any terms or conditions set forth in **Section 4** of this RFP, Vendor will submit a list of the exceptions.

5.3.2 In its proposal, Vendor must indicate whether it will consent to include in the Agreement the "Accessibility by Persons with Disabilities" provision that is set forth in **APPENDIX FOUR**. If Vendor objects to the inclusion of the "Accessibility by Persons with Disabilities" provision in the Agreement, Vendor must, as part of its proposal, specifically identify and describe in detail all of the reasons for Vendor's objection. **NOTE THAT A GENERAL OBJECTION IS NOT AN ACCEPTABLE RESPONSE TO THIS QUESTION.**

5.4 Scope of Work

Contractor will provide the following services to City of Jonesboro:

5.4.1 The system will provide for an outdoor siren warning system to include a minimum of three unique tones, controllers to provide continuous monitoring, and fixed site activation.

5.4.2 The VENDOR will provide a turn-key system, to include the design, equipment specifications, installation, service, monitoring, maintenance, training and technical support for outdoor warning system.

5.4.2.1 The VENDOR will incorporate the guidance outlined in FEMA publication CPG-1-17 entitled Outdoor Warning Systems Guide to insure to ensure effective and efficient coverage plan of the City of Jonesboro

5.4.2.2 Surveys, referenced in FEMA publication CPG-1-17 entitled Outdoor Warning Systems Guide used to determine placement of outdoor sirens. The submittal should also include a map of the City of Jonesboro that references the recommended locations of the speakers/sirens and the coverage area to include decibel contours.

5.4.2.3 Vendor is to make recommendations for the most efficient and cost effective placement of siren system to include pole mounted units for effective coverage of the City of Jonesboro

5.4.2.4 The system will provide multiple activation and control methods. A Fixed control panel is to be standard.

5.4.2.5 In addition to the 3 fixed control panels, the Vendor will provide optional cost for a laptop based mobile backup system as an alternative to the fixed based system.

5.4.2.6 The system must provide enough power for 30 minutes of continuous operation. With charge, the batteries must be able to back up the siren for at least 10 days with enough reserve for five (5) minute activation at the end of the 10 days.

5.4.2.7 The system A. If applicable, the City of Jonesboro has an existing UHF frequency license that can be immediately used until the license of new frequency can be obtained. The City of Jonesboro requires acceptance of this clause with proposal.

5.4.2.8 B. The 2.4GHz (2.400-2.500GHz) and 5.0GHz (5.725-5.875GHz), unlicensed frequency bands for implementation of this project are NOT acceptable to the City of Jonesboro as they will interfere with the current (and future) installation and deployment of the city wide wireless network.

5.4.3 The VENDOR will coordinate with the City of Jonesboro's Maintenance and Operations Department for electrical circuit availability and external mounting locations.

5.4.3.1 All electrical power requirements for all equipment locations are to be provided by the contractor and included with proposal price.

5.4.3.2 This RFP requires installation of all new conduit, Vendors are NOT to use existing conduit for this project instead Vendor must include in their pricing cost of any conduit required for this request.

5.4.3.3 If required as part of installation any cutting, patching and painting to be included in the cost

of the proposal price.

5.4.4 As part of submittal documents, the VENDOR is to include the following

5.4.4.1 Shop Drawings and Submittals – A complete equipment list, with manufactures' names, model numbers, and quantities of each item.

5.4.4.2 Manufactures' data sheets on all equipment items manufacturer name, model number/part number and complete specifications for the siren/tone warning

5.4.3.1 A map of the City of Jonesboro to include the location of the recommended speakers/sirens and the coverage area to include decibel contours.

5.4.3.2 Pole mounting specifications.

5.4.3.3 Sirens are to be mechanically sound with the ability to withstand up to 100 mph winds, include pole mounting brackets for pole and/or wall mounting.

5.4.4 The system should have the option for solar power charging.

5.4.5 The system will have the capability to incorporate future requirements and technology advances for future growth.

5.4.6 Final Test and Demonstration – The final testing and demonstration shall be performed after all installation and initial testing has been completed by the installer, but prior to any use of the system.

5.4.7 Owner Training and Familiarization – The Vendor will provide for onsite training for City personnel necessary to operate the system:

5.4.7.1 To include but not limited to training by factory certified personnel, training on system operation, training on trouble shooting of potential system problems, all training manuals, hands on experience, industry's best practices and all incidental expenses.

5.4.8 Guarantee and Warranty – Guarantee all parts, labor and installation furnished under this contract for a period of twelve months from the date of final system acceptance. Where warranties on individual pieces of equipment exceed twelve months, the guarantee period shall be extended to the warranty period of the particular items.

5.4.8.1 Warranty to include an annual maintenance agreement after warranty expires.

SECTION 6

PRICING AND DELIVERY SCHEDULE

Proposal of: Federal Signal Corporation
(Proposer Company Name)

To: The City of Jonesboro

Ref.: Outdoor Warning Siren System

RFP No. 2008:30

Ladies and Gentlemen:

Having carefully examined all the specifications and requirements of this RFP and any attachments thereto, the undersigned proposes to furnish the outdoor warning siren system services required pursuant to the above-referenced Request for Proposal upon the terms quoted below.

6.1 Pricing for Services Offered

6.1.2. Outdoor Warning Siren System

6.1.2.1 Cost / Specifications

a.) Number of Sirens	37
b.) Price per unit	<u>\$5,761.95</u>
c.) Number of Controllers	37
d.) Price per Controller	<u>\$4,792.45</u>
e.) Location, Attach map	Map attached
f.) % of Coverage Area	98-100%
g.) Price per pole	Included in Installation Cost
h.) Installation price	<u>\$5,761.00 E.A.</u>

NOTE: INCLUDE MANUFACTURER, PART NUMBER AND COMPLETE SPECIFICATIONS FOR EQUIPMENT IN THIS TABLE WITH RESPONSE.

6.1.2.2 Training <i>Optimization</i>	\$ 3,805.00
	<u>\$ 3,358.00</u>
6.1.2.3 Annual Maintenance (after initial expiration)	\$ <u>1,455.00 PER SITE</u>
6.1.2.4 Fixed Control panels for siren system (3)	\$ <u>21,687.00</u>
6.1.2.5 Consultation/ Support Services	\$ <u>2,500.00 PROJECT MANAGEMENT</u>
6.1.3. Price the following options for the city's consideration:	
6.1.4. OPTION A: Mobile control panel option in addition to fixed control panel option	\$ <u>3,120.00</u>
6.1.5. OPTION B: Solar panel option	\$ <u>4,654.80</u>
GRAND TOTAL:	\$ <u>864,387.40</u>

6.2 Delivery Schedule of Events and Time Periods

Respectfully submitted,

Proposer: Federal Signal Corporation

By: *Greg Sink*
 (Authorized Signature for Proposer)

Name: Greg Sink

Title: VP Strategic Business Development

Date: August 25, 2008

APPENDIX ONE

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SECTION 1

GENERAL INFORMATION

Purpose

City of Jonesboro is soliciting competitive sealed proposals from Proposers having suitable qualifications and experience providing services in accordance with the terms, conditions and requirements set forth in this RFP. This RFP provides sufficient information for interested parties to prepare and submit proposals for consideration by City of Jonesboro. By submitting a proposal, Proposer certifies that it understands this RFP and has full knowledge of the scope, nature, quality, and quantity of the services to be performed, the detailed requirements of the services to be provided, and the conditions under which such services are to be performed. Proposer also certifies that it understands that all costs relating to preparing a response to this RFP will be the sole responsibility of the Proposer.

PROPOSER IS CAUTIONED TO READ THE INFORMATION CONTAINED IN THIS RFP CAREFULLY AND TO SUBMIT A COMPLETE RESPONSE TO ALL REQUIREMENTS AND QUESTIONS AS DIRECTED.

1.2 Inquiries and Interpretations

City of Jonesboro may in its sole discretion respond in writing to written inquiries concerning this RFP and mail its response as an Addendum to all parties recorded by City of Jonesboro as having

received a copy of this RFP. Only City of Jonesboro's responses that are made by formal written Addenda will be binding on City of Jonesboro. Any verbal responses, written interpretations or clarifications other than Addenda to this RFP will be without legal effect. All Addenda issued by City of Jonesboro prior to the Submittal Deadline will be and are hereby incorporated as a part of this RFP for all purposes.

Proposers are required to acknowledge receipt of each Addendum as specified in this Section. The Proposer must acknowledge all Addenda by completing, signing and returning the Addenda Checklist (ref. Section 4 of APPENDIX ONE). The Addenda Checklist must be received by City of Jonesboro prior to the Submittal Deadline and should accompany the Proposer's proposal. Any interested party that receives this RFP by means other than directly from City of Jonesboro is responsible for notifying City of Jonesboro that it has received an RFP package, and should provide its name, address, telephone number and FAX number to City of Jonesboro, so that if City of Jonesboro issues Addenda to this RFP or provides written answers to questions, that information can be provided to such party.

1.3 Public Information

Proposer is hereby notified that City of Jonesboro strictly adheres to all statutes, court decisions and the opinions of the Arkansas Attorney General with respect to disclosure of public information. City of Jonesboro may seek to protect from disclosure all information submitted in response to this RFP until such time as a final agreement is executed. Upon execution of a final agreement, City of Jonesboro will consider all information, documentation, and other materials requested to be submitted in response to this RFP, to be of a non-confidential and non-proprietary nature and, therefore, subject to public disclosure under the Arkansas Freedom of Information Act. Proposer will be advised of a request for public information that implicates their materials and will have the opportunity to raise any objections to disclosure to the Arkansas Attorney General. Certain information may be protected from release.

1.4 Type of Agreement

The Contractor, if any, will be required to enter into a contract with City of Jonesboro in a form that (i) includes terms and conditions substantially similar to the terms and conditions set forth in Section 4 of this RFP, and (ii) is otherwise acceptable to City of Jonesboro in all respects (the "Agreement").

1.5 Proposal Evaluation Process

City of Jonesboro will select the Contractor by using the competitive sealed proposal process described in this Section. City of Jonesboro will open the Bid Envelope submitted by a Proposer in order to ensure that the Proposer has submitted the number of completed and signed originals. All proposals submitted by the Submittal Deadline accompanied by the number of completed and signed originals that are required by this RFP will be opened publicly to identify the name of each Proposer submitting a proposal. Any proposals that are not submitted by the Submittal Date or that are not accompanied by the number of completed and signed originals that are required by this RFP will be rejected by the City of Jonesboro as non-responsive due to material failure to comply with advertised specifications. After the opening of the proposals and upon completion of the initial review and

evaluation of the proposals, City of Jonesboro may invite one or more selected Proposers to participate in oral presentations. City of Jonesboro may make the selection of the Contractor on the basis of the proposals initially submitted, without discussion, clarification or modification. In the alternative, City of Jonesboro may make the selection of the Contractor on the basis of negotiation with any of the Proposers.

At City of Jonesboro's sole option and discretion, City of Jonesboro may discuss and negotiate all elements of the proposals submitted by selected Proposers within a specified competitive range. For purposes of negotiation, City of Jonesboro may establish, after an initial review of the proposals, a competitive range of acceptable or potentially acceptable proposals composed of the highest rated proposal(s). In that event, City of Jonesboro will defer further action on proposals not included within the competitive range pending the selection of the Contractor; provided, however, City of Jonesboro reserves the right to include additional proposals in the competitive range if deemed to be in the best interests of City of Jonesboro.

After submission of a proposal but before final selection of the Contractor is made, City of Jonesboro may permit a Proposer to revise its proposal in order to obtain the Proposer's best and final offer. In that event, representations made by Proposer in its revised proposal, including price and fee quotes, will be binding on Proposer. City of Jonesboro will provide each Proposer within the competitive range with an equal opportunity for discussion and revision of its proposal. City of Jonesboro is not obligated to select the Proposer offering the most attractive economic terms if that Proposer is not the most advantageous to City of Jonesboro overall, as determined by City of Jonesboro.

City of Jonesboro reserves the right to (a) enter into an agreement for all or any portion of the requirements and specifications set forth in this RFP with one or more Proposers, (b) reject any and all proposals and re-solicit proposals, or (c) reject any and all proposals and temporarily or permanently abandon this selection process, if deemed to be in the best interests of City of Jonesboro. Proposer is hereby notified that City of Jonesboro will maintain in its files concerning this RFP a written record of the basis upon which a selection, if any, is made by City of Jonesboro.

1.6 Proposer's Acceptance of Evaluation Methodology

By submitting a proposal, Proposer acknowledges (1) Proposer's acceptance of [a] the Proposal Evaluation Process (ref. **Section 1.5 of APPENDIX ONE**), [b] the Criteria for Selection (ref. **2.3** of this RFP), [c] the Specifications and Additional Questions (ref. **Section 5** of this RFP), [d] the terms and conditions set forth in **Section 4** of this RFP, and [e] all other requirements and specifications set forth in this RFP; and (2) Proposer's recognition that some subjective judgments must be made by City of Jonesboro during this RFP process.

1.7 Solicitation for Proposal and Proposal Preparation Costs

Proposer understands and agrees that (1) this RFP is a solicitation for proposals and City of Jonesboro has made no representation written or oral that one or more agreements with City of Jonesboro will be awarded under this RFP; (2) City of Jonesboro issues this RFP predicated on City

of Jonesboro's anticipated requirements for the Services, and City of Jonesboro has made no representation, written or oral, that any particular scope of services will actually be required by City of Jonesboro; and (3) Proposer will bear, as its sole risk and responsibility, any cost that arises from Proposer's preparation of a proposal in response to this RFP.

1.8 Proposal Requirements and General Instructions

1.8.1 Proposer should carefully read the information contained herein and submit a complete proposal in response to all requirements and questions as directed.

1.8.2 Proposals and any other information submitted by Proposer in response to this RFP will become the property of City of Jonesboro.

1.8.3 City of Jonesboro will not provide compensation to Proposer for any expenses incurred by the Proposer for proposal preparation or for demonstrations or oral presentations that may be made by Proposer, unless otherwise expressly agreed in writing. Proposer submits its proposal at its own risk and expense.

1.8.4 Proposals that (i) are qualified with conditional clauses; (ii) alter, modify, or revise this RFP in any way; or (iii) contain irregularities of any kind, are subject to disqualification by City of Jonesboro, at City of Jonesboro's sole discretion.

1.8.5 Proposals should be prepared simply and economically, providing a straightforward, concise description of Proposer's ability to meet the requirements and specifications of this RFP. Emphasis should be on completeness, clarity of content, and responsiveness to the requirements and specifications of this RFP.

1.8.6 City of Jonesboro makes no warranty or guarantee that an award will be made as a result of this RFP. City of Jonesboro reserves the right to accept or reject any or all proposals, waive any formalities, procedural requirements, or minor technical inconsistencies, and delete any requirement or specification from this RFP when deemed to be in City of Jonesboro's best interest. City of Jonesboro reserves the right to seek clarification from any Proposer concerning any item contained in its proposal prior to final selection. Such clarification may be provided by telephone conference or personal meeting with or writing to City of Jonesboro, at City of Jonesboro's sole discretion. Representations made by Proposer within its proposal will be binding on Proposer.

1.8.7 Any proposal that fails to comply with the requirements contained in this RFP may be rejected by City of Jonesboro, in City of Jonesboro's sole discretion.

1.9 Preparation and Submittal Instructions

1.9.1 Specifications and Additional Questions

Proposals must include responses to the questions in Specifications and Additional Questions (ref. **Section 5** of this RFP). Proposer should reference the item number and repeat the question in its response. In cases where a question does not apply or if unable to respond, Proposer should refer to the item number, repeat the question, and indicate N/A (Not Applicable) or N/R (No Response), as appropriate. Proposer should explain the reason when responding N/A or N/R.

1.9.2 Execution of Offer

Proposer must complete, sign and return the attached Execution of Offer (ref. **Section 2** of **APPENDIX ONE**) as part of its proposal. The Execution of Offer must be signed by a representative of Proposer duly authorized to bind the Proposer to its proposal. Any proposal received without a completed and signed Execution of Offer may be rejected by City of Jonesboro, in its sole discretion.

1.9.3 Pricing and Delivery Schedule

Proposer must complete and return the Pricing and Delivery Schedule (ref. **Section 6** of this RFP), as part of its proposal. In the Pricing and Delivery Schedule, the Proposer should describe in detail (a) the total fees for the entire scope of the Services; and (b) the method by which the fees are calculated. The fees must inclusive of all associated costs for delivery, labor, insurance, taxes, overhead, and profit.

City of Jonesboro will not recognize or accept any charges or fees to perform the Services that are not specifically stated in the Pricing and Delivery Schedule.

In the Pricing and Delivery Schedule, Proposer should describe each significant phase in the process of providing the Services to City of Jonesboro, and the time period within which Proposer proposes to be able to complete each such phase.

1.9.4 Proposer's General Questionnaire

Proposals must include responses to the questions in Proposer's General Questionnaire (ref. **Section 3** of **APPENDIX ONE**). Proposer should reference the item number and repeat the question in its response. In cases where a question does not apply or if unable to respond, Proposer should refer to the item number, repeat the question, and indicate N/A (Not Applicable) or N/R (No Response), as appropriate. Proposer should explain the reason when responding N/A or N/R.

1.9.5 Addenda Checklist

Proposer should acknowledge all Addenda to this RFP (if any) by completing, signing and returning the Addenda Checklist (ref. **Section 4** of **APPENDIX ONE**) as part of its proposal. Any proposal received without a completed and signed Addenda Checklist may be rejected by City of Jonesboro, in its sole discretion.

1.9.6 Submission

Proposer should submit all proposal materials enclosed in a sealed envelope, box, or container. The RFP No. (ref. **Section 1.3** of this RFP) and the Submittal Deadline (ref. **Section 2.1** of this RFP) should be clearly shown in the lower left-hand corner on the top surface of the container. In addition, the name and the return address of the Proposer should be clearly visible.

Upon Proposer's request and at Proposer's expense, City of Jonesboro will return to a Proposer its proposal received after the Submittal Deadline if the proposal is properly identified. City of Jonesboro will not under any circumstances consider a proposal that is received after the Submittal Deadline or which is not accompanied by the number of completed and signed originals that are required by this RFP. City of Jonesboro will not accept proposals submitted by telephone or proposals submitted by Facsimile ("FAX") transmission, in response to this RFP. Except as otherwise provided in this RFP, no proposal may be changed, amended, or modified after it has been submitted to City of Jonesboro. However, a proposal may be withdrawn and resubmitted at any time prior to the Submittal Deadline. No proposal may be withdrawn after the Submittal Deadline without City of Jonesboro's consent, which will be based on Proposer's submittal of a written explanation and documentation evidencing a reason acceptable to City of Jonesboro, in City of Jonesboro's sole discretion. By signing the Execution of Offer (ref. **Section 2** of **APPENDIX ONE**) and submitting a proposal, Proposer certifies that any terms, conditions, or documents attached to or referenced in its proposal are applicable to this procurement only to the extent that they (a) do not conflict with the laws of the State of Arkansas or this RFP and (b) do not place any requirements on City of Jonesboro that are not set forth in this RFP or in the Appendices to this RFP. Proposer further certifies that the submission of a proposal is Proposer's good faith intent to enter into an agreement with City of Jonesboro as specified herein and that such intent is not contingent upon City of Jonesboro's acceptance or execution of any terms, conditions, or other documents attached to or referenced in Proposer's proposal.

1.9.7 Page Size, Binders, and Dividers

Proposals must be typed on letter-size (8-1/2" x 11") paper, and must be submitted in a binder. Preprinted material should be referenced in the proposal and included as labeled attachments. Sections within a proposal should be divided by tabs for ease of reference.

1.9.8 Table of Contents

Proposals must include a Table of Contents with page number references. The Table of Contents must contain sufficient detail and be organized according to the same format as presented in this RFP, to allow easy reference to the sections of the proposal as well as to any separate attachments (which should be identified in the main Table of Contents). If a Proposer includes supplemental information or non-required attachments with its proposal, this material should be clearly identified in the Table of Contents and organized as a separate section of the proposal.

1.9.9 Pagination

All pages of the proposal should be numbered sequentially in Arabic numerals (1, 2, 3, etc.). Attachments should be numbered or referenced separately.]

SECTION 2

EXECUTION OF OFFER

THIS EXECUTION OF OFFER MUST BE COMPLETED, SIGNED AND RETURNED WITH PROPOSER'S PROPOSAL. FAILURE TO COMPLETE, SIGN AND RETURN THIS EXECUTION OF OFFER WITH THE PROPOSER'S PROPOSAL MAY RESULT IN THE REJECTION OF THE PROPOSAL.

2.1 By signature hereon, Proposer represents and warrants the following:

2.1.1 Proposer acknowledges and agrees that (1) this RFP is a solicitation for a proposal and is not a contract or an offer to contract; (2) the submission of a proposal by Proposer in response to this RFP will not create a contract between City of Jonesboro and Proposer; (3) City of Jonesboro has made no representation or warranty, written or oral, that one or more contracts with City of Jonesboro will be awarded under this RFP; and (4) Proposer will bear, as its sole risk and responsibility, any cost arising from Proposer's preparation of a response to this RFP.

2.1.2 Proposer is a reputable company that is lawfully and regularly engaged in providing the Services.

2.1.3 Proposer has the necessary experience, knowledge, abilities, skills, and resources to perform the Services.

2.1.4 Proposer is aware of, is fully informed about, and is in full compliance with all applicable federal, state and local laws, rules, regulations and ordinances.

2.1.5 Proposer understands (i) the requirements and specifications set forth in this RFP and (ii) the terms and conditions set forth in Section 4 of this RFP, under which Proposer will be required to operate.

2.1.6 If selected by City of Jonesboro, Proposer will not delegate any of its duties or responsibilities under this RFP or the Agreement to any sub-contractor, except as expressly provided in the Agreement.

2.1.7 If selected by City of Jonesboro, Proposer will maintain any insurance coverage as required by the Agreement during the term thereof.

2.1.8 All statements, information and representations prepared and submitted in response to this RFP

are current, complete, true and accurate. Proposer acknowledges that City of Jonesboro will rely on such statements, information and representations in selecting the Contractor. If selected by City of Jonesboro, Proposer will notify City of Jonesboro immediately of any material change in any matters with regard to which Proposer has made a statement or representation or provided information.

2.1.9 PROPOSER WILL DEFEND WITH COUNSEL APPROVED BY CITY OF JONESBORO, INDEMNIFY, AND HOLD HARMLESS CITY OF JONESBORO, THE STATE OF ARKANSAS, AND ALL OF THEIR REGENTS, OFFICERS, AGENTS AND EMPLOYEES, FROM AND AGAINST ALL ACTIONS, SUITS, DEMANDS, COSTS, DAMAGES, LIABILITIES AND OTHER CLAIMS OF ANY NATURE, KIND OR DESCRIPTION, INCLUDING REASONABLE ATTORNEYS' FEES INCURRED IN INVESTIGATING, DEFENDING OR SETTLING ANY OF THE FOREGOING, ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY NEGLIGENT ACTS OR OMISSIONS OR WILLFUL MISCONDUCT OF PROPOSER OR ANY AGENT, EMPLOYEE, SUBCONTRACTOR, OR SUPPLIER OF PROPOSER IN THE EXECUTION OR PERFORMANCE OF ANY CONTRACT OR AGREEMENT RESULTING FROM THIS RFP.

2.1.10 Any payments owing to Proposer under any contract or agreement resulting from this RFP may be applied directly to any debt or delinquency that Proposer owes the State of Arkansas or any agency of the State of Arkansas regardless of when it arises, until such debt or delinquency is paid in full.

2.2 By signature hereon, Proposer offers and agrees to furnish the Services to City of Jonesboro and comply with all terms, conditions, requirements and specifications set forth in this RFP.

2.3 By signature hereon, Proposer affirms that it has not given or offered to give, nor does Proposer intend to give at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor or service to a public servant in connection with its submitted proposal. Failure to sign this Execution of Offer, or signing with a false statement, may void the submitted proposal or any resulting contracts, and the Proposer may be removed from all proposal lists at City of Jonesboro.

2.4 By signature hereon, Proposer certifies that it is not currently delinquent in the payment of any taxes due or that Proposer is exempt from the payment of those taxes, or that Proposer is an out-of-state taxable entity that is not subject to those taxes, whichever is applicable. A false certification will be deemed a material breach of any resulting contract or agreement and, at City of Jonesboro's option, may result in termination of any resulting contract or agreement.

2.5 By signature hereon, Proposer hereby certifies that neither Proposer nor any firm, corporation, partnership or institution represented by Proposer, or anyone acting for such firm, corporation or institution, has violated the antitrust laws of the State of Arkansas, or the Federal antitrust laws, nor communicated directly or indirectly the proposal made to any competitor or any other person engaged in such line of business.

2.6 By signature hereon, Proposer certifies that the individual signing this document and the documents made a part of this RFP, is authorized to sign such documents on behalf of Proposer and to bind Proposer under any agreements and other contractual arrangements that may result from the submission of Proposer's proposal.

2.7 By signature hereon, Proposer certifies as follows: Proposer certifies that the individual or business entity named in the Proposer's proposal is not ineligible to receive the specified contract award and acknowledges that any agreements or other contractual arrangements resulting from this RFP may be terminated if this certification is inaccurate.

2.8 By signature hereon, Proposer certifies that (i) no relationship, whether by blood, marriage, business association, capital funding agreement or by any other such kinship or connection exists between the owner of any Proposer that is a sole proprietorship, the officers or directors of any Proposer that is a corporation, the partners of any Proposer that is a partnership, the joint ventures of any Proposer that is a joint venture or the members or managers of any Proposer that is a limited liability company, on one hand, and an employee of any component of The City of Jonesboro of Arkansas System, on the other hand, other than the relationships which have been previously disclosed to City of Jonesboro in writing and (ii) Proposer has not been an employee of any component institution of The City of Jonesboro within the immediate twelve (12) months prior to the Submittal Deadline. All disclosures by Proposer in connection with this certification will be subject to administrative review and approval before City of Jonesboro enters into a contract or agreement with Proposer.

2.9 By signature hereon, Proposer certifies its compliance with all federal laws and regulations pertaining to Equal Employment Opportunities and Affirmative Action.

2.10 By signature hereon, Proposer represents and warrants that all products and services offered to City of Jonesboro in response to this RFP meet or exceed the safety standards established and promulgated under the Federal Occupational Safety and Health Law and all related regulations in effect or proposed as of the date of this RFP.

2.11 Proposer will and has disclosed, as part of its proposal, any exceptions to the certifications stated in this Execution of Offer. All such disclosures will be subject to administrative review and approval prior to the time City of Jonesboro makes an award or enters into any contract or agreement with Proposer.

2.12 Proposer should complete the following information:

If Proposer is a Corporation, then State of Incorporation: Delaware

If Proposer is a Corporation then Proposer's Corporate Charter Number: 0701203

RFP No.: 2008:30

Submitted and Certified By:

(Proposer Institution's Name) **Federal Signal Corporation**

(Signature of Duly Authorized Representative) *Greg Sink*

(Printed Name/Title) **Greg Sink, VP Strategic Business Development**

(Date Signed) **August 25, 2008**

(Proposer's Street Address) **2645 Federal Signal Drive**

(City, State, Zip Code) **University Park, IL. 60466**

(Telephone Number) **(708)534-3400**

(FAX Number) **(708)534-4874**

SECTION 3

PROPOSER'S GENERAL QUESTIONNAIRE

Proposals must include responses to the questions contained in this Proposer's General Questionnaire. Proposer should reference the item number and repeat the question in its response. In cases where a question does not apply or if unable to respond, Proposer should refer to the item number, repeat the question, and indicate N/A (Not Applicable) or N/R (No Response), as appropriate. Proposer will explain the reason when responding N/A or N/R.

3.1 Proposer Profile

3.1.1 Legal name of Proposer company: **Federal Signal Corporation**

Address of principal place of business: **Corporate Office: 1415 W. 22nd Street
Oakbrook, IL. 60523**

Address of office that would be providing service under the Agreement: **2645 Federal Signal Dr.
University Park, IL. 60466**

Number of years in Business: **107**

State of incorporation: **Delaware**

Number of Employees: **5400 Total/800 University Park**

Annual Revenues Volume: **\$1,200,000,000.00**

Name of Parent Corporation, if any N/A

NOTE: If Proposer is a subsidiary, City of Jonesboro prefers to enter into a contract or agreement with the Parent Corporation or to receive assurances of performance from the Parent Corporation.

3.1.2 State whether Proposer will provide a copy of its financial statements for the past two (2) years, if requested by City of Jonesboro. **Federal Signal is a publicly traded company, and all financial information is available.**

3.1.3 Proposer will provide a financial rating of the Proposer entity and any related documentation (such as a Dunn and Bradstreet analysis) that indicates the financial stability of Proposer.
Dunn & Bradstreet Numbers: Corporate - 04-525-6666; Univ. Park - 00-516-1963

3.1.4 Is Proposer currently for sale or involved in any transaction to expand or to become acquired by another business entity? If yes, Proposer will explain the expected impact, both in organizational and directional terms. **No**

3.1.5 Proposer will provide any details of all past or pending litigation or claims filed against Proposer that would affect its performance under the Agreement with City of Jonesboro (if any). **None**

3.1.6 Is Proposer currently in default on any loan agreement or financing agreement with any bank, financial institution, or other entity? If yes, Proposer will specify the pertinent date(s), details, circumstances, and describe the current prospects for resolution. No

3.1.7 Proposer will provide a customer reference list of no less than three (3) organizations with which Proposer currently has contracts and/or to which Proposer has previously provided services (within the past five (5) years) of a type and scope similar to those required by City of Jonesboro's RFP. Proposer will include in its customer reference list the customer's company name, contact person, telephone number, project description, length of business relationship, and background of services provided by Proposer. **Reference List Enclosed**

3.1.8 Does any relationship exist (whether by family kinship, business association, capital funding agreement, or any other such relationship) between Proposer and any employee of City of Jonesboro? If yes, Proposer will explain. No

3.2 Approaches to Project Services

3.2.1 Proposer will provide a statement of the Proposer's service approach and will describe any unique benefits to City of Jonesboro from doing business with Proposer. Proposer will briefly describe its approach for each of the required services identified in Section 5.4 Scope of Work of this RFP. **See Project Plan**

3.2.2 Proposer will provide an estimate of the earliest starting date for services following execution of the Agreement. Starting date will depend on how soon purchase order is received.

3.2.3 Proposer will submit a work plan with key dates and milestones. The work plan should include:

3.2.3.1 Identification of tasks to be performed; **See Project Plan**

3.2.3.2 Time frames to perform the identified tasks; **See Project Schedule**

3.2.3.3 Project management methodology; **See Project Plan**

3.2.3.4 Implementation strategy; and **See Project Plan**

3.2.3.5 The expected time frame in which the services would be implemented. **See Project Schedule**

3.2.4 Proposer will describe the types of reports or other written documents Proposer will provide (if any) and the frequency of reporting, if more frequent than required in the RFP. Proposer will include samples of reports and documents if appropriate. No written reports are required for this size system. Weekly updates will be provided by the installation team leader.

3.3 General Requirements

3.3.1 Proposer will provide summary resumes for its proposed key personnel who will be providing

services under the Agreement with City of Jonesboro, including their specific experiences with similar service projects, and number of years of employment with Proposer. See Corporation Info. Section

3.3.2 Proposer will describe any difficulties it anticipates in performing its duties under the Agreement with City of Jonesboro and how Proposer plans to manage these difficulties. Proposer will describe the assistance it will require from City of Jonesboro. Removing an existing system, and installing a new system is the easiest possible process, so no difficulties are anticipated.

3.4 Service Support

Proposer will describe its service support philosophy, how is it implemented, and how Proposer measures its success in maintaining this philosophy. *Federal Signal provides local support, by training qualified technicians, such as Jonesboro Communications to maintain large systems.*

3.5 Quality Assurance

Proposer will describe its quality assurance program, its quality requirements, and how they are measured. See ISO9001 Certificate

3.6 Miscellaneous

3.6.1 Proposer will provide a list of any additional services or benefits not otherwise identified in this RFP that Proposer would propose to provide to City of Jonesboro. Additional services or benefits must be directly related to the goods and services solicited under this RFP. N/R

3.6.2 Proposer will provide details describing any unique or special services or benefits offered or advantages to be gained by City of Jonesboro from doing business with Proposer. Additional services or benefits must be directly related to the goods and services solicited under this RFP. See Corporation Information

3.6.3 Does Proposer have a contingency plan or disaster recovery plan in the event of a disaster? If so, then Proposer will provide a copy of the plan. Yes

SECTION 4

ADDENDA CHECKLIST

Proposal of: Federal Signal Corporation
(Proposer Company Name)

To: The City of Jonesboro of Arkansas

Ref.: Outdoor Warning Siren System Services

RFP No. 2008:30

Ladies and Gentlemen:

The undersigned Proposer hereby acknowledges receipt of the following Addenda to the captioned RFP (initial if applicable). Any addendum will be on the Purchasing web site at www.jonesboro.org no later than 1 (one) week before bid opening.

No. 1 No. 2 No. 3 No. 4 No. 5

No Addenda received.

Respectfully submitted,

Proposer: Federal Signal Corporation

By: Greg Sink
(Authorized Signature for Proposer)

Name: Greg Sink

Title: VP Strategic Business Development

Date: August 25, 2008

TERMS

(1) **AGREEMENT AND LIMITATIONS.** The agreement between Seller and Buyer (the "sales contract") with respect to the sale of goods (the "goods") described on the other side hereof shall consist of the terms appearing hereon and on the other side hereof together with any additions or revisions of such terms mutually agreed to in writing by Seller and Buyer. Seller objects to and shall not be bound by any additional or different terms, whether printed or otherwise, in Buyer's purchase order or in any other communication from Buyer to Seller unless specifically agreed to by Seller in writing. Except as expressly stated in the sales contract, no reference to Buyer's purchase order or other communication from Buyer shall be deemed to incorporate by reference any terms appearing therein. The sales contract shall be for the benefit of Seller and Buyer and not for the benefit of any other person. Prior courses of dealing, trade usage and verbal agreements not reduced to a writing signed by Seller, to the extent they modify, add to, detract from, supplant or explain the sales contract, shall not be binding on Seller.

(2) **TERMINATION OR MODIFICATION.** The sales contract may be modified or terminated only upon Seller's written consent except that stenographic and clerical errors are subject to correction by Seller or upon Seller's written consent. If Seller shall declare or consent to a termination of the sales contract, in whole or in part, Buyer, in the absence of contrary written agreement signed by Seller, shall pay termination charges based upon expenses and costs incurred in the production of the goods or in the performance of the services to the date such termination is accepted by Seller including, but not limited to, expenses of disposing of materials on hand or on order from suppliers and the losses resulting from such disposition, plus a reasonable profit. Notwithstanding the foregoing any goods substantially completed or services performed on or prior to such termination shall be accepted and paid for in full by Buyer.

(3) **PRICE AND PAYMENT.** Prices are F.O.B. Destination, and the terms of payment are NET 30 days from the date of invoice. Standard Turn-key Payment terms are: 10% of Total Contract Mobilization Fee due with Order, Equipment - 30 days upon shipment; Services - Net 30 days upon Completion, billed monthly. If the sales contract is for more than one unit of goods, the goods may be shipped in a single lot or in several lots at the discretion of Seller. In such event each such shipment shall be paid for separately and Buyer shall be responsible for all transportation charges. Seller may require full or partial payment or payment guarantee in advance of shipment whenever, in its opinion, the financial condition of Buyer so warrants. Minimum billing per order is \$75.00.

(4) **RISK OF LOSS.** The risk of loss of the goods or any part thereof shall pass to the Buyer upon delivery thereof by Seller to the carrier. Buyer shall have sole responsibility for processing and collection of any claim of loss against the carrier.

(5) **TAXES.** Prices do not include taxes. Buyer shall pay Seller, in addition to the price of the goods, any applicable excise, sales, use or other tax (however designated) imposed upon the sale, production, delivery or use of the goods ordered to the extent required or not forbidden by law to be collected by Seller from Buyer, whether or not so collected at the time of the sale, unless valid exemption certificates acceptable to the taxing authorities are furnished to Seller before the date of invoice.

(6) **DELIVERY.** Promises of delivery from stock are subject to prior sale. Delivery dates are not guaranteed but are estimated on the basis of immediate receipt by Seller of all information to be furnished by Buyer and the absence of delays, direct or indirect, resulting from or contributed to by circumstances beyond Seller's reasonable control. Seller shall in good faith endeavor to meet estimated delivery dates but shall not be liable to Buyer for any damages as a result of any delay caused or contributed to by circumstances beyond Seller's reasonable control.

(7) **DEDUCTIONS AND RETURNS.** Deductions will not be honored unless covered by a credit memorandum. Goods shipped to the Buyer may be returned to Seller for credit only upon the Seller's prior written consent (such consent to be in the sole discretion of Seller) and upon terms specified by Seller, including prevailing restocking and handling charges. Buyer assumes all risk of loss for such returned goods until actual receipt thereof by Seller. Agents of Seller are not authorized to accept returned goods or to grant allowances or adjustments with respect to Buyer's account.

(8) **INSPECTION.** Buyer shall inspect the goods immediately upon the receipt thereof. All claims for any alleged defect in Seller's performance under this sales contract, capable of discovery upon reasonable inspection, must be fully set forth in writing and received by Seller within thirty days of Buyer's receipt of the goods. Failure to make any such claim within said thirty-day period shall constitute a waiver of such claim and an irrevocable acceptance of the goods by Buyer.

(9) **LIMITED WARRANTY.** Federal Warning Systems, Federal Signal Corporation (Federal) warrants each new product to be free from defects in material and workmanship, under normal use and service, for a period of two years on parts replacement and two years on factory-performed labor (One-year for Informers and all software products, five years on 2001SRNB & ECLIPSE Series siren head from the date of delivery to the first user-purchaser. During this warranty period, the obligation of Federal is limited to repairing or replacing, as Federal may elect, any part or parts of such product which after examination by Federal discloses to be defective in material and/or workmanship. Federal will provide warranty for any unit which is delivered, transported prepaid, to the Federal Signal factory or designated authorized warranty service center for examination and such examination reveals a defect in material and/or workmanship. This warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product, or labor charges for removal and re-installation of the product. The Federal Signal Corporation warranty shall not apply to components or accessories that have a separate warranty by the original manufacturer, such as, but not limited to, radios and batteries. Federal will provide on-site warranty service during the first 60-days after the completion of the installation, when Federal has provided a turn-key installation including optimization and/or commissioning services. This warranty does not extend to any unit which has been subjected to abuse, misuse, improper installation or which has been inadequately maintained, nor to units which have problems relating to service or modification at any facility other than the Federal Signal factory or authorized warranty service centers. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL FEDERAL BE LIABLE FOR ANY LOSS OF PROFITS OR ANY INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY SUCH DEFECT IN MATERIAL OR WORKMANSHIP.

(10) **REMEDIES AND LIMITATIONS OF LIABILITY.** In the event Seller is claimed to have breached any of its obligations under the sales contract, whether of warranty or otherwise, Seller may repair any defective goods, request the return of the goods and tender, at Seller's option, a replacement shipment of goods or the purchase price theretofore paid to Seller. Seller shall tender a refund of the purchase price at its option only upon actual receipt of the goods by Seller. If Seller so requests the return of the goods, the goods will be redelivered to Seller, transportation prepaid, in accordance with Seller's instructions. The remedies contained in this and the preceding paragraph constitute the sole recourse against Seller for breach of any of Seller's obligations under the sales contract, whether of warranty or otherwise. In no event shall Seller be liable for consequential damages nor shall Seller's liability on any claim for any direct, incidental, consequential or special damages arising out of or connected with the sales contract or the manufacture, sale, delivery or use of the goods exceed the purchase price of the goods. Seller shall not be liable for failure to perform its obligations under the sales contract resulting directly or indirectly from or contributed to by acts of God; acts of Buyer; civil or military authority; priorities; fires; war; riot; delays in transportation; lack of or inability to obtain raw materials, components, labor, fuel or supplies; or other circumstances beyond Seller's reasonable control, whether similar or dissimilar to the foregoing.

(11) **PATENTS.** Seller shall hold Buyer harmless, to the extent herein provided, against any rightful claim of any third person by way of infringement of any United States Letters Patent by such goods as are of Seller's own manufacture, but if Buyer furnished specifications to Seller, Buyer shall hold Seller harmless against any infringement consisting of the use of goods manufactured by Seller as a part of any combination with goods manufactured by Buyer or others. In the event that any goods manufactured by Seller are in any suit held to constitute infringement and their use is enjoined, Seller, if unable within a reasonable time to secure for Buyer the right to continue using such goods, either by suspension of the injunction, by securing for Buyer a license, or otherwise, shall, at its own expense, either replace such goods with non-infringing goods or modify such goods so that they become non-infringing, or accept the return of the enjoined goods and refund the purchase price theretofore paid by Buyer less allowance for any period of actual use thereof. Except as in this paragraph provided, Seller makes no warranty that the goods will be delivered free of the rightful claim of any third person by way of infringement or the like and Buyer's remedies will be limited to those provided in this paragraph.

(12) **ASSIGNMENT AND DELEGATION.** No right or interest in this sales contract shall be assigned by Buyer without Seller's prior written consent, and no delegation of any obligation owed, or of the performance of any obligation, by Buyer shall be made without Seller's prior written consent. Any attempted assignment or delegation shall be void and totally ineffective for all purposes unless made in conformity with this paragraph. Notwithstanding the foregoing, if Buyer is an authorized distributor of the goods for Seller, then Seller's obligations under paragraph 9, 10 and 11 hereof, subject to all limitations of this sales contract, shall be extended to the original purchaser of the goods from Buyer.

(13) **SEVERABILITY.** If any term, clause or provision contained in the sales contract is declared or held invalid by a court of competent jurisdiction, such declaration or holding shall not affect the validity of any other term, clause or provision herein contained.

(14) **INSTALLATION.** Installation shall be by Buyer unless otherwise specifically stated on the sales contract.

(15) **GOVERNING LAW AND LIMITATIONS.** The formation and performance of the sales contract shall be governed by the laws of the State of Illinois. Whenever a term defined by the Uniform Commercial Code as adopted in Illinois is used in these standard terms, the definition contained in said Uniform Commercial Code is to control. Any action for breach of the sales contract or any covenant or warranty contained herein must be commenced within one year after the cause of action has accrued.



FEDERAL SIGNAL
Federal Warning Systems



SAFECO Insurance Company
PO Box 34526
Seattle, WA 98124-1526

BID BOND

Conforms with The American Institute of
Architects, A.I.A. Document No. A-310

KNOW ALL BY THESE PRESENTS, That we, FEDERAL SIGNAL CORPORATION, FEDERAL WARNING SYSTEMS

2645 Federal Signal Drive University Park, IL 60466

_____ as Principal, hereinafter called the Principal,

and the SAFECO INSURANCE COMPANY OF AMERICA,

of SAFECO Plaza Seattle, WA 98185,

a corporation duly organized under

the laws of the State of Washington,

as Surety, hereinafter called the Surety, are held and firmly bound unto

CITY OF JONESBORO, PURCHASING OFFICE
515 West Washington Avenue Jonesboro, AR 72401

as Obligee, hereinafter called the Obligee,

in the sum of Five percent of amount bid.

Dollars (\$ 5% of Amount Bid), for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

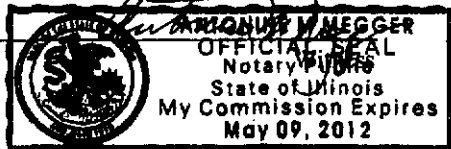
WHEREAS, the Principal has submitted a bid for _____

Outdoor Emergency Warning System including 18 Tomado Warning Sirens

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 6th day of June, 2008

Handwritten signature



FEDERAL SIGNAL CORPORATION, FEDERAL WARNING SYSTEMS (Seal)

Principal

Handwritten signature: VP Strategic Business Development

Title

SAFECO INSURANCE COMPANY OF AMERICA

By *Handwritten signature: Linda Iser*
Linda Iser

Attorney-in-Fact

Brian O'Leary

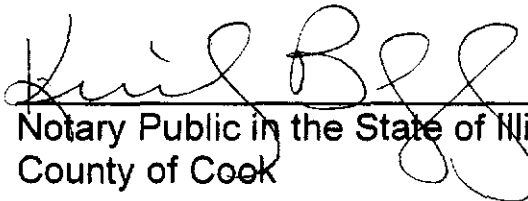
Witness

ACKNOWLEDGEMENT BY SURETY

STATE OF ILLINOIS
COUNTY OF COOK

On this 6th day of June, 2008, before me, Kimberly Bragg, a Notary Public, within and for said County and State, personally appeared Linda Iser to me personally known to be the Attorney-in-Fact of and for Safeco Insurance Company of America and acknowledged that she executed the said instrument as the free act and deed of said Company.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.



Notary Public in the State of Illinois
County of Cook





POWER OF ATTORNEY

Safeco Insurance Company of America
General Insurance Company of America
Safeco Plaza
Seattle, WA 98185

No. 10025

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

MARCIA K. CESAFSKY; JAMES A. CUTHBERTSON; KAREN DANIEL; PATRICIA M. DOYLE; ROBERT E. DUNCAN; GEOFFREY E. HEekin; LINDA ISER; THOMAS J. JOSLIN; GREGORY K. KESSLER; KATHLEEN J. MAILES; SANDRA MARTINEZ; JOELLEN M. MENDOZA; SUSAN J. PREIKSA; CRAIG T. TAGLIAMONTE; SUSAN A. WELSH; Chicago, Illinois***

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 20th day of July, 2007

Handwritten signature of Stephanie Daley-Watson

Handwritten signature of Tim Mikolajewski

STEPHANIE DALEY-WATSON, SECRETARY

TIM MIKOLAJEWSKI, SENIOR VICE-PRESIDENT, SURETY

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. - FIDELITY AND SURETY BONDS ... the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business... On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

- (i) The provisions of Article V, Section 13 of the By-Laws, and
(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
(iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Stephanie Daley-Watson, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 16th day of June, 2008



Handwritten signature of Stephanie Daley-Watson

STEPHANIE DALEY-WATSON, SECRETARY

Safeco® and the Safeco logo are registered trademarks of Safeco Corporation.

ACORDDATE (MM/DD/YY)
05/14/2008

PRODUCER

Serial # 601280

AON RISK SERVICES CENTRAL, INC.
FKA AON RISK SERVICES, INC. OF ILLINOIS
AON CENTER
200 EAST RANDOLPH STREET, 13TH FLOOR
CHICAGO, IL 60601
ATTN: JEAN BELKE (312) 381-4175
DWA AON RISK INSURANCE SERVICES OF ILLINOIS, CA LICENSE NO.

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY A	NATIONAL UNION FIRE INSURANCE COMPANY
COMPANY B	AMERICAN HOME ASSURANCE CO.
COMPANY C	NEW HAMPSHIRE INSURANCE CO.
COMPANY D	INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA

INSURED

FEDERAL SIGNAL CORPORATION
2645 FEDERAL SIGNAL DRIVE
UNIVERSITY PARK, IL 60466

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

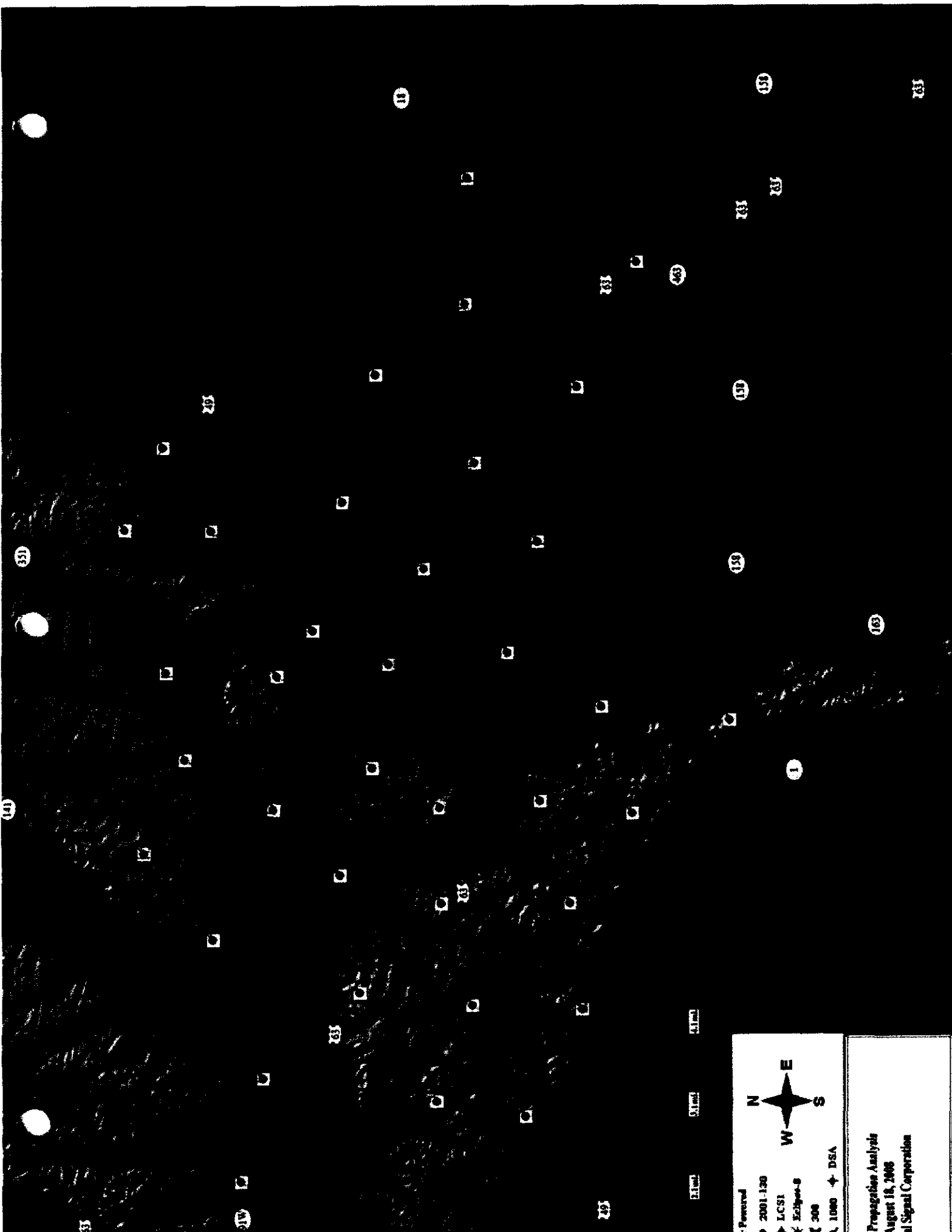
CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR OWNER'S & CONTRACTOR'S PROT <input checked="" type="checkbox"/> BLANKET CONTRACTUAL	GL 1595653	11/01/2007	11/01/2008	GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPROP AGG \$ SEE BELOW PERSONAL & ADV INJURY \$ 1,000,000 EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 1,000,000 MED EXP (Any one person) \$ 10,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	CA 1607216(AOS) CA 1607217 (MA)	11/01/2007	11/01/2008	COMBINED SINGLE LIMIT \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$
C	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/PARTNERS/EXECUTIVE OFFICERS ARE: <input checked="" type="checkbox"/> INCL <input type="checkbox"/> EXCL	WC 5144817 (AOS) WC 5144818 (CA) WC 5144819 (TX) WC 5144820 (FL) WC 5144821 (OR) WC 5144822 (MA, NY) WC 5144823 (OH AND OH L&A WA FL COVERAGE)	11/01/2007	11/01/2008	<input checked="" type="checkbox"/> WC STATE TOSTY LIMITS <input type="checkbox"/> OTHER EL EACH ACCIDENT \$ 500,000 EL DISEASE - POLICY LIMIT \$ 500,000 EL DISEASE - EA EMPLOYEE \$ 500,000
A	OTHER PRODUCTS LIABILITY	GL 1595654	11/01/2007	11/01/2008	EACH OCCURRENCE \$3,000,000 GENERAL AGGREGATE \$8,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE OF AON RISK SERVICES, INC. OF IL

Aon Risk Services Central, Inc.



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of Propagation Analysis
 August 18, 2008
 eral Signal Corporation

City of Jonesboro

Project Implementation Schedule

- **August 27, 2008** - **RFP Opening**
- **September 10, 2008** - **Award of Project**
- **September 22, 2008** - **Final Site Selection Meeting**
- **October 22, 2008** - **Delivery of Siren Equipment**
- **November 3, 2008** - **Installation Begins**
- **December 8, 2008** - **Siren Installation Complete**
- **December 15 , 2008** - **Customer supplied AC hook-up**
- **January 5, 2008** - **System Optimization Begins**
- **January 8, 2008** - **System Optimization Complete**
- **January 8, 2008** - **System Training Begins**
- **January 9, 2008** - **System Training Complete**
- **January 9, 2008** - **Sign Off / Acceptance of System**

PROJECT PLAN – City of Jonesboro

Federal Signal utilizes a Project Management team approach to system development and implementation. A System Planner and Project Administrator will be assigned to this project to insure that we fully meet the design, documentation, training and commissioning requirements. Factory - direct personnel will be utilized for training and commissioning for this project.

Upon award of the project, a pre-construction meeting and a detailed project review will be conducted with the City to verify that the design approach and expected results are in line with expectations. Any discrepancies will be resolved to mutual satisfaction and formal change orders will be processed to document resulting changes in scope. A more in depth and detailed project schedule will be developed reflecting the increased understanding and mutual agreements gained during the design review.

At the conclusion of the pre-construction meeting site selection and production will commence. Site selection will require university participation in reviewing sites and providing clearance and approval for each site. Once production progresses to final assembly and test we would encourage a visit to our factory from a city representative. During the visit observation of our rigorous testing and simulated system demonstrations may be arranged.

Installation will be accomplished by installing a new stand alone control point and associated equipment at one of the activation points in addition to an initial group of siren controllers. The new control point and initial group of sirens would be exercised to verify their operational status.

Siren installation would then continue until completion. Customer provided power hook ups will follow directly there after. Once power hook up is completed system optimization and training will be scheduled. Our training team will provide the training materials and training sessions utilizing actual product and simulating actual operation. Separate sessions will be provided for Supervisors, Operators, and Technicians. Actual hands on demonstration and operations will be utilized to insure that complete understanding is achieved.

Upon completion of system optimization and training, initial sign off on the system is required.

Siren Locations

The City of Jonesboro will be installing thirty-seven (37) 2001-130 DC rotating siren units, with a proposed option for the removal of existing sirens and poles. Each of the new sirens will have two-way status monitoring features, and will be installed on wooden poles.

RF System

Low Band System

We will utilize an existing UHF Band frequency, currently owned by the City of Jonesboro. As part of our base pricing, Federal Signal will provide three (3) new activation points, although additional locations can be provided. We will utilize existing base station radios, antennas and coaxial cable at each activation point, assuming each existing radio can function with the Digital Commander System.

Federal Signal will also provide an SS2000D Encoder (Desktop or rack), Dell Desktop PC, and the Digital Commander Software.

Each siren location in this system would contain a UHF Band transceiver radio, Which would allow the siren unit to instantly report status back to the Activation point.

Each activation point will monitor and log the others activity, and any RF coverage issues will be resolved by using the Federal Signal Digipeat feature. This feature provides for using designated siren sites as store and forward repeater sites. Repeater strings can be established to provide any amount of additional RF coverage that may be required.

CITY OF JONESBORO

TRAINING PROGRAM

Introduction

This section defines the proposed training that will be given to the City of Jonesboro, Arkansas personnel.

Training Organization

Federal Signal Corporation utilizes in-house Systems Planning and Application personnel to provide high quality, efficient, and effective training. The training team for the City of Jonesboro will be led by a designated Training Manager who will be responsible for the development of training materials, coordinating a training event schedule with the facility, coordinating and overseeing instructors, and providing complete documentation to City of Jonesboro Outdoor Warning System officials. To assist the Training Manager, Federal Warning Systems Marketing Manager may also serve on the training team. These two functional positions will insure that training materials and procedures meet the requirements of city officials, and the high quality standards of Federal Signal Corporation.

Train-the Trainer course composition.

Federal Signal utilizes a Train-the-Trainer approach to all training and instructions. This approach insures that customers will be prepared to instruct and train others on the system when personnel changes occur. The requirement for the training courses is best satisfied by giving combinations of the courses, called Training Modules. The following table outlines this approach.

Table 1.0

Training Module	Participant Categories	Course	Duration Days	Training Equipment
1	Supervisors and/or Operators	Operating Procedures SFCDWARE & SS2000D	½ day	Central Control Point with Operational Base Radio System
2	Supervisors, Technicians, and Operators	System Start-up, Operation, and Configuration	½ day	Remote Control Point with Operational Base Radio System
3	Technicians	Technician Training Course	½ day	Central Control Point with Operational Base Radio System
4	Technicians	System Maintenance Training Course (optional)	½ day	Central Control Point with Operational Base Radio System

Equipment Supplied.

Federal Signal will supply hard copies of all materials used to “Train-the-Trainer”, along with an electronic copy of all material on a CD. The City of Jonesboro will be authorized to make duplicates of all materials necessary to effectively train their personnel for operation, configuration, and maintenance of the system.

Sample Outline for training courses.

We also utilize our product manuals for these training sessions to help users become familiar with the material. It is our practice to develop specific system-related training events to meet the needs of individual customers. The below training modules are based on standard offerings and are subject to change as together we define the appropriate training sessions for the various groups which will operate, configure, and maintain your system. Below is a brief outline of the topics which are typically discussed for some of the products which we have proposed for your system.

Sirens

1. Specification Overview
2. Sound Principles
3. Preventative Maintenance
4. Operation Procedures

Siren Control

1. Specification Overview
2. Features, Functions, & Components
3. Operation
4. Sensors
5. System Check-outs

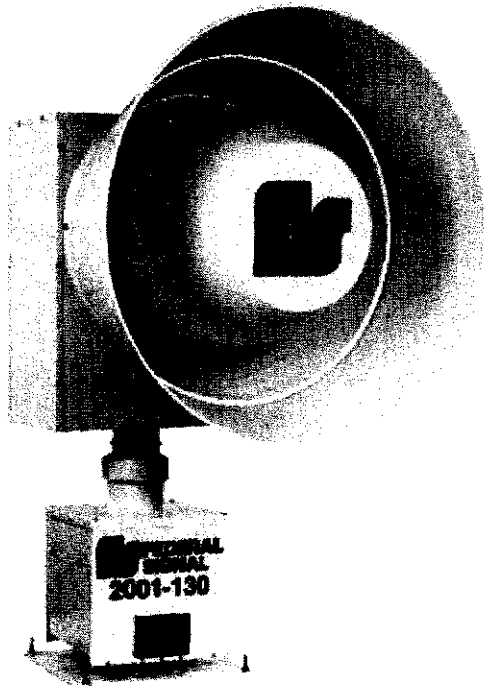
SFCDWARE – Federal Commander Digital System Software

1. Main Features
2. System Configuration
3. Menu Selection Review
4. Configuration
5. Activation
6. Backing Up Important Files

SS2000D Encoder/Status Monitor

1. Specification Overview
2. Modes of Operation
3. Configuration
4. Self-Test Features
5. Buttons
6. Activation
7. Cancel, Clear & Reset
8. Function Keys (Operation and Programming)
9. SS2000Loader (Configuration Software)

2001-130 SIREN



> Features

- 130 dB(C) output
- Directional, rotating siren for maximum coverage
- Three distinct warning signals
- Full battery operation or battery back-up
- Maintenance-free sealed bearing motors
- Weather-resistant coating
- Ideal for outdoor warning
- 5-year limited warranty

The Federal Signal 2001-130 public siren is a high power, rotating, uni-directional outdoor siren that offers an anechoic certified signal strength of 130 dB(C) +/- 1 dB(C) at 100 feet. The high-decibel output provides maximum coverage with minimum installation cost. Radio activation can further minimize installation costs by eliminating the need for leased dedicated control lines.

The siren's projector produces a 60 degree projection of sound which rotates at 3 RPM and can produce three signals options: steady, wail, and fast wail. The 2001-130 siren will supply a minimum of 15 minutes of full power output from its batteries after AC power loss. The siren controls are available with battery operation, AC operation, and AC operation with battery back-up, one-way and two-way radio control or landline.

Ideally suited to provide warning for hazardous weather conditions, fires, floods, chemical spills and other types of emergencies, the 2001-130 siren is a perfect choice to protect any community.



> Specifications

Power Requirements*		
Siren Motor	48V (DC or full wave rectified AC) 110 amps. (nom.)	
Rotator Motor	48V (DC or full wave rectified AC) 1 amps. (nom.)	
Wiring		
Siren Motor	2 AWG	
Rotator Motor	12 AWG	
Motor Type		
Siren	Series wound DC 6 Hp	
Rotator	Permanent magnet DC 1/8 Hp	
Signal Information		
Signal	Frequency Range	Sweep Rate
Steady	795 Hz	N.A.
Wail	470-705 Hz	10 sec.
Fast Wail	600-705 Hz	3.5 sec.
Signal Duration	3min. std. (programmable)	
Signal Output (SPL)	130 dB(C) +/- 1 dB(C) at 100' (30.5 m)	
Effective Range at 70dB(C)	6200ft	
Rotation	3 RPM	
Dimensions		
Height x Width x Depth	55" x 37" x 41" 140cm x 94cm x 10cm	
Weight		
Shipping Weight	450 lbs. (205 kg)	
Operating Temperature		
	-30°C to +60°C**	

* Power requirements refer to the power supplied by the batteries or optional AC operation through 2001TRB.

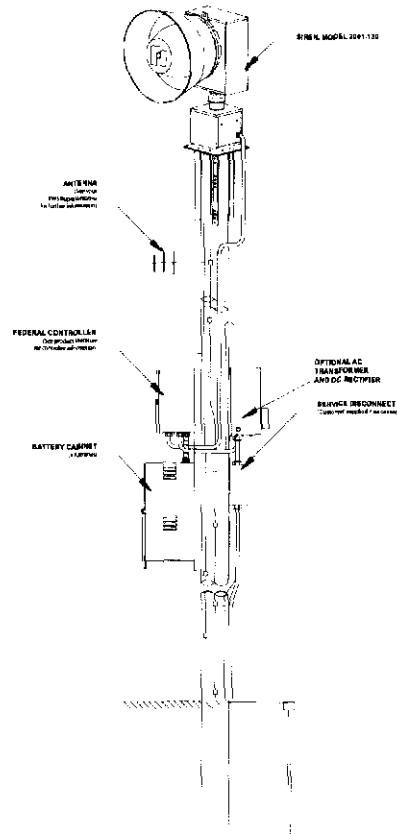
** The siren can operate throughout this temperature range provided that battery temperature is maintained at 18°C or higher.

Ordering Information*	
Siren Motor	Rotating electro-mechanical Siren 130 dB(C) +/- 1dB(C), 48v DC, pole mount included
2001AC ¹	AC operated motor control, 208 or 220/240v AC (specify voltage) NEMA 3R control cabinet, two 48v DC contactors and transformer/rectifier, 182 lbs. 53 kg
2001DC ²	120v AC motor control, NEMA4 control cabinet, four chargers, two 48v DC contactors and NEMA 3R battery cabinet. 224 lbs. 102 kg
Landline Option	
2001HR	Rotator holding relay for use with external timer

* 2001-130 Siren requires a Federal Controller such as FC or DFCB (See controller product literature)

¹ For use with Electro-mechanical sirens. Antenna and cable are not included with any radio activation control and must be purchased separately. (See your sales representative)

² Batteries not included. Four Delco Voyager Model M24MF batteries required.



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DCFCTB DC Two-Way Digital Controller for 2001 & Eclipse Siren Series

> Features

Two-way siren controller for 48VDC sirens

Two-way radio control and status monitoring

FSK two-way signaling format

Simultaneous single tone, two-tone sequential, DTMF decoding and optional EAS

Push buttons for local activation

UL Listed for general signaling



The Federal Signal DCFCTB is a two-way, battery-operated status monitoring siren controller for use with the Federal Signal 2001-130 siren and Eclipse siren series. The controller interfaces with an off-the-shelf two-way radio transceiver and communicates to the base control via FSK signaling. In addition to FSK, the controllers will simultaneously decode any combination of single-tone, two-tone sequential, DTMF or optional EAS formats for activation. This makes the two-way controller compatible with virtually any existing siren control system.

All DCFCTB models come equipped with two (2) independent relay outputs that can be programmed to activate with various codes. There are four (4) landline inputs and four (4) local push buttons for activation, plus cancel. Activation codes, relay timing, and optional warning sounds are programmed into the unit through a standard RS232 serial port or over-the-air from the central control point.

The DCFCTB offers six (6) user programmable functions in addition to the five pre-set functions: arm, disarm, report, growl test and master reset. The controller includes the necessary sensors and wiring to supply information on the following areas of operation: AC power status, communications status, low battery status, intrusion, siren activation current and siren rotation.



> Specifications

Electrical	
AC supply voltage	120 VAC @ 4.0 amps
Current Draw	+/- 10%, 50/60 Hz, maximum standby current
Power Supply	6A @ 13.3v DC
Battery Backup	48v DC (Four model #M24MF Delco Vvoyagers required)
Current Draw	< .2 amps in standby
Serial Ports	
Serial Port Protocol	RS232C 1200, N, 8, 1
Transceiver	
Programmable Frequency	Power Out and Private Line options. For further details consult the Motorola product Manual.
Signaling Format	
FSK	1200 baud, MSK modem type Useable decode sensitivity: 12dB SINAD (min.)
DTMF	3-12 standard DTMF characters
Two-Tone Sequential	
Frequency Range	282 Hz - 3000 Hz (non-CTCSS) 400 Hz - 3000 Hz (CTCSS)
Tone Timing	.5 sec - .25 sec min., 8 sec max
Intertone Gap	400ms (maximum)
Tone Accuracy	+/- 1.5%
Tone Spacing	5.0% preferred, 3% min.
Single Tone	
Frequency Range	282 Hz - 3000 Hz
Tone Timing	0.5 sec. - 8 sec maximum
Tone Accuracy	+/- 1.5%
Tone Spacing	5.0% preferred, 3% min.
Relay Outputs	
4 relay outputs	SPST
Contact Rating	(2 relays standard, 4 relays Max.) 5A @ 28v DC 5A @ 240v AC
Audio Output	
Output Voltage	>2V Peak to Peak
Maximum Load	8 Ohms
Total Harmonic Distortion	<10% @ 1kHz Sinewave
Environmental	
Operating Temperature	-30°C to 65°C

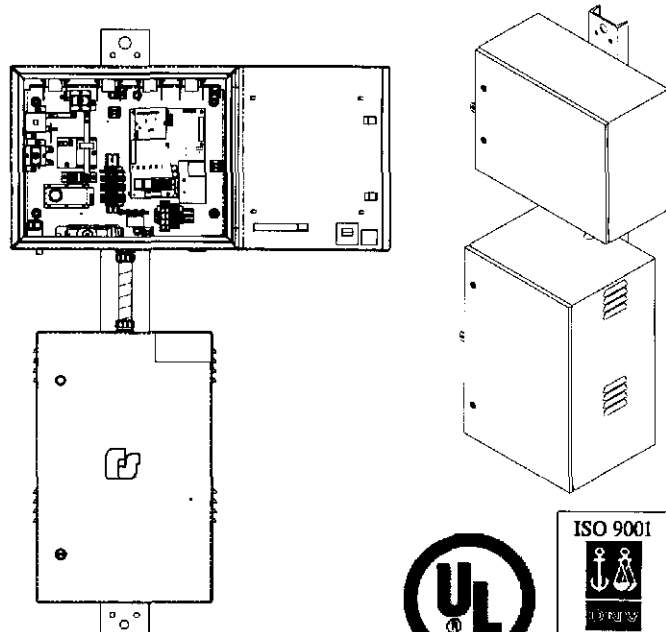
Controller Dimensions	
HxWxD	62.5" x 23.5" x 16.94" 1588mm x 597mm x 430mm NEMA 4X Rated
Battery Cabinet Dimensions	
HxWxD	18" x 28" x 15.19" 457mm x 711mm x 386mm Vented NEMA 4X Rated
Shipping Weight	
Approx. Shipping Weight	300 lbs. (136.36 kg)
Actual Weight	234 lbs. (106.3 kg)
2001TR: AC Primary Operation	
Operating Voltage	208/220/240 VAC single phase
Current Requirements	30 Amps. (approx.)
Dimensions	23" x 11" x 10" (584mm x 279mm x 254mm)
Weight	150 lbs. (68.2 kg)
Order information	
DCFCTB(D) ^{1,2}	Two-way Federal Controller
DCFCTB(D)H ^{1,2}	Two-way Federal Controller, high band 136-174 MHz
DCFCTB(D)U ^{1,2}	Two-way Federal Controller, UHF band 450-470 MHz
DCFCTB(D)-IP ^{1,3}	IP-enabled two-way electro-mechanical controller
Options	
FSPWARE	Federal Programming Software (Non-Digital Applications)
SFCDFWARE	Federal Commander Digital Software (See literature for details)
Q-DC-IP ^{1,3}	Retrofit kit to upgrade existing controller to IP
EAS	Origination, activation and location codes

(D) Indicates digital Federal Controller two-way

¹ For use with 2001-130 and Eclipse siren series.

² Antenna and cable are not included with radio activation control and must be ordered separately.

³ Broadband radio and Codespear software sold separately.



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SS2000 ENCODER**> Features**

Available for both DTMF and FSK Encoding

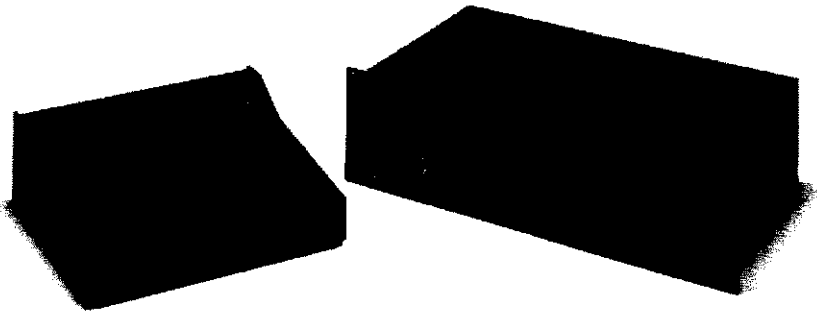
Large, 4-line, back-lit display

18 hot command function keys

Fully field programmable

Built-in speaker and microphone jack

Desk and 19" rack-mount versions available



Federal Signal's SS2000 encoder is a versatile, user-friendly control unit. Available in one-way control and two-way status monitoring, the controller is offered in DTMF or FSK formats. Encoded command sequences are field programmable and stored in memory for retention even when electrical power is removed. Federal Signal's SSLOADER offers an easy Windows-based software package for configuring the encoder's command sequences and operating parameters.

This easy to use activation unit offers (18) hot-keys and a four-line, back-lit LCD display which provides clear instruction to the operator.

The SS2000T (two-way DTMF) model can function as a stand-alone encoder or connect to an optional printer for reporting on all two-way controlled remote siren sites. Reports indicate siren site number, type of siren, detailed status of siren, and time and date of the report. The SS2000D (Digital/FSK) model can be connected to a Windows XP computer running Federal's SFCDWARE for utilization of the graphic user interface to control and monitor the siren system.



> Specifications

Select Model

SS2000	One-way, DTMF encoder, desk mount
SS2000R	One-way, DTMF encoder, 19" rack mount
SS2000T	Two-way, DTMF encoder, desk mount
SS2000TR	Two-way, DTMF encoder, 19" rack mount
SS2000D	Two-way, FSK encoder, desk mount
SS2000DR	Two-way, FSK encoder, 19" rack mount
SSP	Printer and cable
MNC-MC	Handheld microphone

Configuration Software

SSLOADER™ operating system
Windows 98, 2000, XP Compatible

Dimensions (Desk Mount)

Height x Width x Depth:
11.6" x 10.25" x 4.2" (29.5cm x 26.1cm x 10.7cm)

Weight (Desk Mount)

Shipping Weight: 6 lbs. (3 kg)

Dimensions (Rack Mount)

Height x Width x Depth:
19" x 10" x 5.2" (48.5cm x 25.5cm x 13.2cm)

Weight (Rack Mount)

Shipping Weight: 8 lbs. (4 kg)

Environmental

Operating Temperature: 0° to 50°C

Specifications	
Line Input	120 VAC wall transformer power supply
Battery Input	11.5 - 20 VDC (over voltage and reverse voltage protection)
Power Supply Input Voltage	11.5-20 VDC (14.5 VDC typical)
Input Current	400mADC (MAX, 15 mA typical)
Distortion	< 3.0%
Encode/Decode Format	
DTMF Format	3-20 standard DTMF characters
DTMF Timing	35/5 to 1000/1000 (digit duration/inter digit silence)
MSK	1200 BAUD (MSK is minimal shift keyed digital format)
Carrier Detect	Active High 4.5 - 14 VDC Active Low 0 - 3.0 VDC
VOX	-35dbm to 0dbm
Parallel Port	IBM compatible printer port
Serial Port Protocol	RS232 9600 BAUD, N,8,1 (Xmodem Standard)
Speaker	
Power	1 watt
Impedance	8 ohms
Microphone	
Input Level	10mv - 100mv PTP
Input Impedance	12K ohms
Input Jack	1/4" TRS
TIP	Audio
Ring	PTT
Shield	Ground
Audio Interface	
Audio Output	Balanced 600 ohm, -55dbm to 0dbm
Audio Input	Balanced 600 ohm, -35dbm to 0dbm
Decode Sensitivity	< 8-10 dB(C) S/N or 12 dB(C) SINAD
Relay Outputs	3 DPDT 1.25A at 24 VDC 0.4 A at 120 VAC



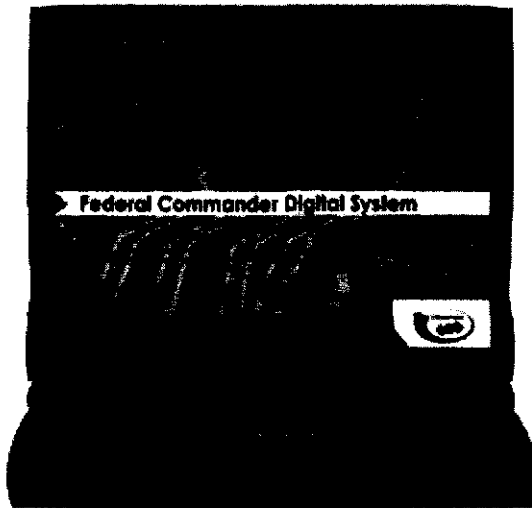
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FEDERAL COMMANDER DIGITAL SYSTEM

> Features

- Single point and click activation and polling
- Status map with color coded
- Status of each siren
- Complete configuration and reprogramming from control site
- Automatic call-out to alert key personnel
- Multiple password levels
- Automatic notification of any change in status



The Federal Commander Digital System offers emergency management, secure activation and status monitoring of any siren system, and consists of the SS2000D encoder, the SFCDWARE package, and digital siren controllers. From siren activation to in-home alert, this system is designed to provide your community with complete alert and notification capability.

The Federal Commander continues to evolve to meet the changing demands of customers throughout the world to provide a system unmatched in its features and ease of use. Designed with Federal's modular philosophy, the system can grow to accommodate changing community needs. From one central control and one Remote Terminal Unit (RTU), the system can expand to include more than 255 RTUs, 16 zones, and digital tone alert receivers.

Digital siren controllers are available for both electronic sirens, speakers, and electro-mechanical sirens. These controllers come equipped with over-the-air programmability via secure digital technology.

As a Codespear-enabled software application, Federal Commander enables operators, administrators and first responders a single application for managing their critical communications.



> Specifications

Features

- Up to 255 sites
- 9 repeaters and two chains
- 10 person call list
- 1200 baud MSK modem
- Conventional and trunking radio compatibility
- 56K PCI modem
- Optional networking TCP/IP interface

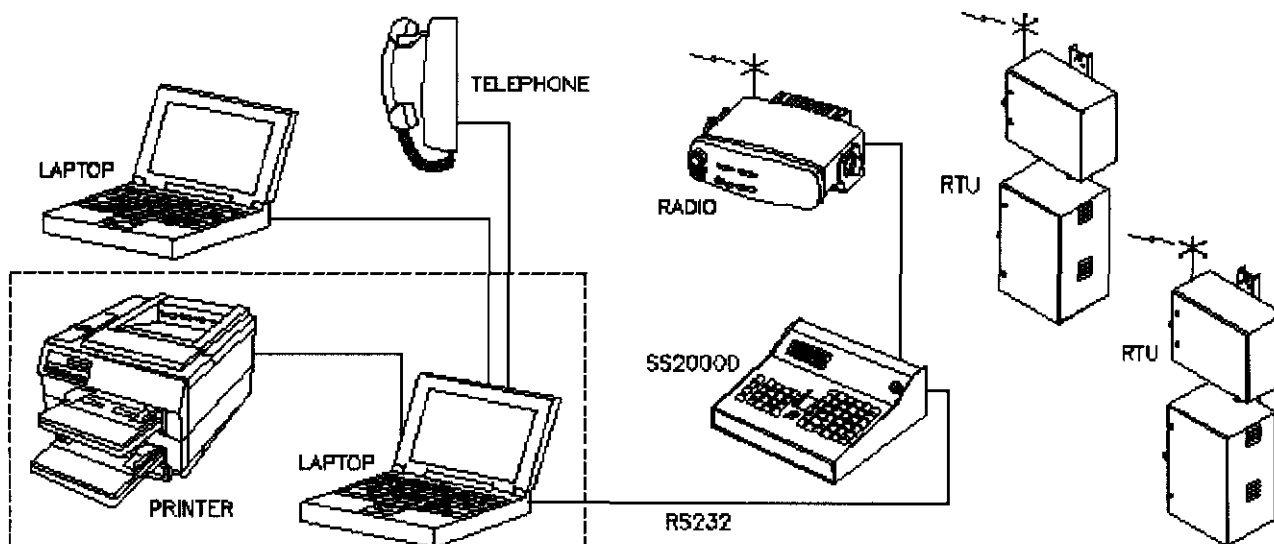
CCU Minimum Requirements*

- An IBM compatible Pentium or greater running at 500 MHz or faster.
- Windows NT, 2000, or XP
- 256MB or more of random access memory (RAM)
- 10GB hard disk drive or larger
- SVGA color monitor and controller.
- (800 x 600 resolution, 24 bit color recommended).
- CD RD-W drive
- 101-key enhanced keyboard
- One parallel printer port-LPT1
- One RS-232 Serial Port
- One telephone modem (provided)
- Mouse
- Dot matrix printer 24-pin with parallel interface and cable (optional)
- AC surge protection device
- Phone line for use of alarm reporting and remote dial-in feature

*Sold separately or Customer supplied.

Select Model

SFCD10	Windows application software for up to 10 sites
SFCDUPI	Upgrade from 10 to 25 sites
SFCD25	Windows application software for up to 25 sites
SFCDUPII	Upgrade from 25 to 255 sites
SFCD255	Windows application software for up to 255 sites
SFCD-W	SFCDWARE extended warranty
SFCDCLNT	TCP/IP client software (5 seats)
SFCDCLNT-W	Client software extended warranty
X-PCXPPRO-B	Desktop with WIN XP-Pro, 15" flat screen monitor and other min. standards
X-PC-LAPXPRO	Laptop/notebook PC with Win XP-Pro and other min. standards



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Limited Warranty

The Federal Warning Systems Division of **Federal Signal Corporation** warrants each new product to be free from defects in material and workmanship, under normal use and service, for a period of two years on parts replacement and factory-performed labor (one year for Informer, EAS, and Federal software products) from the date of delivery to the first user-purchaser. Federal Warning Systems warrants every 2001 & Eclipse Siren (Top of pole only) to be free from defects in material, per our standard warranty, under normal use and service for a period of five years on parts replacement.

During this warranty period, the obligation of Federal is limited to repairing or replacing, as Federal may elect, any part or parts of such product which after examination by Federal discloses to be defective in material and/or workmanship.

Federal will provide warranty for any unit which is delivered, transported prepaid, to the Federal factory or designated authorized warranty service center for examination and such examination reveals a defect in material and/or workmanship.

This warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product, or labor charges for removal and re-installation of the product. The Federal Signal Corporation warranty shall not apply to components or accessories that have a separate warranty by the original manufacturer, such as, but not limited to, batteries.

Federal will provide on-site warranty service during the first 60-days after the completion of the installation, when Federal has provided a turn-key installation including optimization and/or commissioning services.

This warranty does not extend to any unit which has been subjected to abuse, misuse, improper installation or which has been inadequately maintained, nor to units which have problems related to service or modification at any facility other than Federal factory or authorized warranty service centers. Moreover, Federal shall have no liability with respect to defects arising in Products through any cause other than ordinary use (such as, for example, accident, fire, lightning, water damage, or other remaining acts of god).

THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL FEDERAL BE LIABLE FOR ANY LOSS OF PROFITS OR ANY INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY SUCH DEFECT IN MATERIAL WORKMANSHIP.



FEDERAL SIGNAL

Federal Warning Systems

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Phone: (800) 524-3021 Fax: (708) 534-4865

Website: <http://www.federalwarningsystems.com>

COMPANY PROFILE

FEDERAL SIGNAL PRODUCTS DIVISION

Federal Signal Corporation, founded in 1901, is a diversified NYSE-listed company comprised of four (4) major operating groups: Fire Rescue, Environmental Products, Safety Products, and Tool. The principal products manufactured and supplied worldwide include public safety, signaling and communications equipment, emergency vehicles, environmental vehicles, parking and access control equipment, signs and electronic message displays, carbide cutting tools, precision punches and related die components.

The Corporation employs approximately 7,000 people worldwide, with their office located in Oakbrook, Illinois. Federal's sales in 2006 were \$1.02 Billion.

The Safety Products Division operates the world's largest facility dedicated to the design and manufacture of signaling products and systems, including a full line of sirens for warning of fires, explosions, natural disasters, severe weather and attack alert. These products are used worldwide for municipal, industrial, utilities, civil defense and military warning purposes. The product program includes: warning equipment for both emergency and utility vehicles; audible and visual signs for industrial use; community warning systems with turnkey project capability.

Overseas sales are supported by an international network of authorized, independent distributors who not only supply products, but most often also provide service, training, and local technical support.

Apart from commanding a substantial share of the community warning systems market in the U.S., the Communications Systems Division has supplied a great variety of systems to customers throughout the world.

KEY PERSONNEL PROFILE

The Federal Warning Systems Engineering Group is divided into four major areas of expertise:

- Design Engineering
- Application Engineering
- Documentation Support
- Systems Planning and Development

Each engineer holds either a BS or MS design in specific fields of Electronics Engineering, Mechanical Engineering or Computer Science. The average tenure with Federal Signal is over ten years. The total number of engineers employed by Federal Signal at our University Park, IL location is approximately 50. The specific number of engineers assigned to the FWS group will vary depending upon schedules and developments throughout the year within the entire organization.

The employees permanently assigned to the FWS group are responsible for the following internal functions:

Greg Alcorn	Technical Support Specialist
Linda Becvar	Customer Care Supervisor
Scott Cassidy	Director of Engineering
Nick Desautels	Systems Applications Specialist
Mark Dietel	Sr. Design Engineer
Tom Edgeworth	System Planner
Matt Fiege	Mechanical Designer
Pat Hackett	Eastern Regional Sales Manager
Rich Henderson	Supervisor of Applications
Eric Lotz	Sales Manager
Jeremy Magnusen	Quality Technician
Lonnie Moravetz	Design Engineer
John Von Thaden	Customer Care Director
Jennifer Cripe	Marketing Coordinator
Mark Tans	Field Service & Installation Administrator

When large turnkey systems are developed, the following program is organized in key groups to cover specific needs.

<u>AREA OF RESPONSIBILITY</u>	<u>SERVICED BY</u>
Acoustic Coverage Planning	Trained Direct Sales Staff and Systems Planning and Development Managers
Internal Warning Systems	Trained Direct Sales Staff and Systems Designers
Control Systems	Project Engineering Group
Software for System Control	Software Engineering Group
Communications	Vendors and our Applications Engineering Staff
Installations	Systems Planning and Development Team and Contractors

FEDERAL SIGNAL QUALIFICATIONS

CONTRACT EXPERIENCE

Federal Warning Systems has been the main supplier of turnkey warning systems since 1980. Working with the majority of the nuclear facilities and large engineered systems for cities, counties, large industrial facilities, and countries worldwide has helped Federal develop an operating group that can satisfy any *public warning needs*.

The warning products developed to date by Federal have the flexibility to be integrated easily into anyone's communicator or SCADA (Supervisory Controlled and Data Acquisition) System.

In June of 1998, Federal Warning Systems completed the integration of the Civil Defense Warning System for the Republic of Kuwait. This post Gulf War upgrade required the integration of 20-year-old Federal Thunderbolt warning sirens with a state of the art two-way status monitoring system. The system upgrade was complemented by an integrated status map and complete redundant software control and monitoring. This countrywide system is comprised of 160-siren sites and multi station control monitoring points.

In the City of Chicago, Federal Warning Systems worked closely with Motorola to integrate their MOSCAD system with a variety of Federal Warning Sirens, including the Modulator Omni Directional Siren, 2001 Electro-Mechanical Siren and Federal Directional Speaker arrays. This system successfully addresses the needs of a large urban environment, warning citizens via voice in public places, beaches, parks etc., and via siren in other neighborhoods. This was a turnkey project that required custom engineering design, system integration and superior project management.

These are just two examples of Federal's turnkey abilities. Federal has continually completed warning systems that meet or exceed customer expectations.

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Gregory Alcorn

Date Hired at FSC: July 1997

Present Position: Technical Support Specialist

Date Appointed: July 1997

Education Highlights: U.S. Navy – 6 years active duty
Electronics Tech. Class A School
SPN-42 Automatic Carrier Landing System (NEC-1522)
Calibration Electronics (NEC-1588)

Advance Training: Engineering Design
AutoCAD

Work Experience: Electronics Tech (Petty Officer E-5) – U.S. Navy
Standards Specialist – Cal Lab Company
Field Service Engineer – Precision Scientific (Varlen)
Applications Specialist – Federal Signal (FWS)
Technical Support Specialist – Federal Signal (FWS)

**Warning Systems
Projects Descriptions:** Provides technical support to systems planning, manufacturing, and customers. Ensures that systems designs meet customer/engineering specifications. Performs on-site field assistance and system operating training. Develops system test procedures and technical support documentation.

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Linda Becvar

Date Hired at FSC: May 1994

Present Position: Customer Care Supervisor

Date Appointed: October 2000

Education Highlights: Carl Sandburg High School
Prairie State College - Attending

Advance Training: Leadership 2000 Class

Work Experience: Owner/manager of video store for 9 years
Customer support for manufacturing

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Sandra Belk

Date Hired at FSC: November 1995

Present Position: *Director of Operations*

Date Appointed: August 1997

Education Highlights: Masters of Science in Business Administration – Keller Graduate School of Management
Bachelor of Science in Industrial Engineering Technology and
Associate of Science in Supervision – Purdue University Calumet

Areas of Expertise: Lean Enterprise, project management, master scheduling, logistics, managing change, and computer system implementation.

Advance Training: Lean Enterprise Training – University of Tennessee
Negotiations Training – Federal Signal Corporation
Professional Selling Skills – Federal Signal Corporation
Leadership Training – Federal Signal Corporation

Work Experience: Federal Signal Corporation – Operations Manager
Federal Signal Corporation – Master Scheduler
Federal Signal Corporation – Production Supervisor
Federal Signal Corporation – Manufacturing Engineer
Klein Tools – Industrial Engineer
Klein Tools – Method & Time Study Engineer

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Scott Cassidy

Date Hired at FSC: March 1986

Present Position: Director of Engineering

Date Appointed: 1990

Education Highlights: BS in Electrical Engineering Technology – Purdue University

Areas of Expertise: Hardware, Software, and Siren Systems Design

Advance Training: C Programming, CAD
Project Management
Priority Management
Supervision

Work Experience: Engineering Technician
Design Engineer
Engineering Group Leader
Engineering Manager
Director of Engineering

**Warning Systems
Projects Descriptions:** Designed many control and status monitoring systems for large siren projects.
Dane County, Wisconsin
Ministry of Defense – Government of Israel
Pantex Corporation
Government of Kuwait
Siemens Netherlands, Holland
Government of Saudi Arabia, Government of Kuwait
Koeberg Nuclear Plant, South Africa
Umatilla Washington Siren System
Nuclear Plants: Koeberg Nuclear Plant, South Africa; Beaver Valley, PG & E, Xcel, Exelon

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Mark Deitel

Date Hired at FSC: June 1996 – Worked for acquired Plectron Corporation since 1989

Present Position: Engineer Principle Electrical

Date Appointed: June 1996

Education Highlights: BSEE, University of Nebraska
Graduated – December 1986
GPA – 3.2/4.0
Earned 80% of educational expenses through technical employment

Areas of Expertise: Embedded microcontroller hardware and software development.
Real time multi-tasking operating system development
Analog and Digital component level hardware design
Windows application development in Microsoft C

Advance Training: Self-study and seminar attendance of embedded system technology and the latest in microprocessor developments. Keep up to date through extensive journal and book reading.

Work Experience:

2/87 – 6/89	Boeing Military Aircraft Corporation
7/89 – 6/96	Plectron Corporation
6/96 – Present	Federal Signal Corporation

**Warning Systems
Projects Descriptions:** Plectron R9000 and Federal VAR, in-home emergency voice alerting radio.
Federal Signal Federal Controller mechanical siren controller
Federal Signal SS1000, control console for siren warning systems

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Nicholas J. Desautels

Date Hired at FSC: February 2000

Present Position: Systems Applications Specialist

Date Appointed: September 2001

Education Highlights: *Associates of Science Degree in Electronic Engineering*
ITT Technical Institute

Areas of Expertise: Ensure that all engineered systems are configured to meet customer specifications, applicable engineering standards, and completely tested, documented and filled.

Advance Training: Advance training to perform system start-ups and field assistance, through on-site visits to ensure that the engineered system and equipment, installation, and operation meet the engineered specifications and customer requirements.

Work Experience: Much experience from being an electronic system technician. This included working from schematics, specifications and drawings. Working with a variety of standard and non-standard products involving radios, decoders, status monitors, power and switching controls, which involve electronic circuitry.

Warning Systems Projects Descriptions: Work with system planners to develop, fabricate, document and test custom system interfaces and modifications. Select Federal Signal Products and suitable support equipment to meet system requirements of customers.

References: Available upon request.

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Thomas Edgeworth

Date Hired at FSC: December 1973

Present Position: Systems Planning and Developer

Date Appointed: 1990

Education Highlights: BS Electronic Engineering – University of Illinois

Areas of Expertise: Hardware Design
Project Management
System Integration

Advance Training: World Class Engineering
Project Management

Work Experience: Aircraft Radio Repair
Audio Circuit Design
System Design
Project Management

**Warning Systems
Projects Descriptions:** Royal Jordanian Air Force Warning System (3 bases)
Pine Bluff Arsenal (CCSEP) 63 sites
Numerous municipal and industrial systems (foreign and National)

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Melissa Fadeley

Date Hired at FSC: April 2001

Present Position: Mechanical Designer

Date Appointed: April 2001

Education Highlights: University of Akron – A.A.S.
Purdue Calumet – CADD Certificate

Advance Training: 5 plus years CADD experience

Work Experience: Aeromet Industries, Griffith, Indiana – CADD Operator
Prime Conveyor, Merrillville, Indiana – Design Engineer

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Matthew Feige

Date Hired at FSC: October 1979

Present Position: Mechanical Designer

Date Appointed: January 1990

Education Highlights: Some work related college, including CAD and electronics

Areas of Expertise: Mechanical Design including sheet metal, molded plastics, CAD documentation

Advance Training: 3-D Modeling

Work Experience: 24 years – Federal Signal's Engineering Department

References: Scott Cassidy, Director of Engineering, Federal Warning Systems

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Richard Henderson

Date Hired at FSC: March 2001

Present Position: Supervisor of Applications

Date Appointed: March 2001

Education Highlights: Associate Degree EET – Joliet Junior College
US Air Force – Air Traffic Control Radar Electronics Technology
San Diego State for Electrical Engineering

Areas of Expertise:

Advance Training: Lean Manufacturing

Work Experience: Radar Technician – US Air Force
Engineer Trainee/Procedure Writer – South California Edison
High Voltage labor Supervisor
Field Service Technician – G&W Electric Company
Applications Engineer – G&W Electric Company
Applications Specialist – Federal Signal (FWS)

**Warning Systems
Projects Descriptions:** Provides technical support to systems planning, manufacturing, and customers for systems design. Ensures that system designs meet customer/engineering specifications. Performs on-site field assistance and system operating training. Develops system test procedures and system test fixtures for production.

References: Available upon request

EXPERIENCE PROFILE

**FEDERAL WARNING SYSTEMS
SUBSIDIARY OF
FEDERAL SIGNAL CORPORATION**

Name: Dave Finan

Date Hired at FSC: March 2001

Present Position: Purchasing Manager

Date Appointed: March 2001

Education Highlights: BS Management, St. Joseph's Calumet College 1972

Areas of Expertise: Inventory control and buying functions

Work Experience: Montgomery Ward:
Merchandise Planner
Associate Buyer
Regional/Corporate Replenishment Manager (Retail Stores, Catalog,
Distribution Centers)
Department Manager (Retail Stores)

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Angelo Lichauco

Date Hired at FSC: October 2000

Present Position: Test Engineer

Date Appointed: October 2000

Education Highlights: BSEET
MBA – August 2001

Areas of Expertise: Electronics – Test, troubleshooting, repair and design
Photography – Processing, developing, slide dupe and etc.

Advance Training: Military personnel – Power generator technician

Work Experience:

- Test, troubleshoot and help in the design on development of products
- Worked with Research and Development
- Familiar with instruments used in testing such as Oscilloscope, power supply, function generators, current meters, brush/tape recorder, spectrum analyzer, strain gauge
- Conducted training for end user
- Created/designed test fixtures used in production or testing
- Repaired digital and analog boards

Warning Systems Projects Descriptions:

- Creates test fixtures and procedures
- Documents all procedures, test fixtures and test per Company standards
- Trains technicians to use new and modified test fixtures
- Reviews ECR packages per Company standards
- Updates procedures and fixtures as required by changes in design
- Works with engineers to conduct performance, burn-in, environmental, and other validation tests
- Performs preventive maintenance on test equipment
- Interfaces with Service department regarding failure modes of returned products

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Eric R. Lotz

Date Hired at FSC: December 2002

Present Position: Sales Manager Military/Federal Government Sales

Date Appointed: December 2002

Education Highlights: MBA – Devry University (Keller School of Management) 2003
BS – Bradley University – 1996

Areas of Expertise: Operations, Project Management, and Sales

Advance Training: N/A

Work Experience: Federal Signal Corporation (FWS) – Product Manager
Commercial Advantage LLC – Commercial Real Estate Broker
Lotz Excavating Co., Inc. – Operations Manager

Warning Systems Projects Descriptions: Manage current product line, manage new product development process, new market entry process, value-added modifications to existing products, brand positioning.

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Jeremy Magnusen

Date Hired at FSC: November 1997

Present Position: Quality Technician

Date Appointed: 1999

Education Highlights: Bloom Trail High School 1989
Attending Prairie State College

Areas of Expertise: Circuit Troubleshooting, ISO Compliance, Data Analysis, Trend Tracking, and Problem Solving

Advance Training: Leadership 2000, various Navy technical schools including CCTV, Xerox copier, basic and advanced electricity and electronics, ISO Internal Auditor

Work Experience: 3 years U.S.Navy Interior Communications Technician
1.5 years Service Technician – Federal Warning Systems (FSC)
4 years QA Technician – Federal Warning Systems (FSC)

**Warning Systems
Projects Descriptions:** Performed testing, analysis, and improvements for FS100 driver. Initiate, perform, and observe testing and qualification of all new and modified products and components.
Ensures that all products conform to existing specifications and customer requirements.
Performs testing and analysis of data to locate areas of improvement in product and processes.
Ensures consistency of processes and documentation to achieve repeatability in the manufacturing environment.

References: Available upon request

EXPERIENCE PROFILE

FEDERAL SIGNAL CONTROLS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Jose Montes

Date Hired at FSC: March 2006

Present Position: SCADA Sales Engineer

Date Appointed: March, 2006

Education Highlights: BSEE- University of Puerto Rico, Mayaguez, P.R.
MBA- Gannon University, Erie, PA

Areas of Expertise: Control Systems- PLC, DCS, Hybrid Control Systems

Advance Training:

Work Experience: Motors & Adjustable Speed Drives Application Engineer
Programmable Logic Controller Product Specialist
Distributed Control Systems & Process Field Instrumentation
Senior Account Manager
Regional Sales Manager Hybrid Control Systems

**Warning Systems
Projects Descriptions:**

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Lonnie Moravetz

Date Hired at FSC: June 1995

Present Position: Electronic Design Engineer

Date Appointed: June 1995

Education Highlights: Andrews University, Berrien Springs, Michigan
University of Nebraska, Lincoln, Nebraska
Grantham College of Engineering, BSEET, January 2002
Emphasis on RF Communications

Areas of Expertise: Design of various analog and microprocessor based products including PLL and DDS synthesizers, receivers, and transmitters for commercial two-way communications from 30 MHz-2.2GHz, tone, digital and DTMF encoders and decoders, high power switch mode amplifiers and processor controlled system for remote status and control and SCADA applications.

Development of PC software applications using Visual Basic and embedded systems software using C++.

Advance Training: RF circuit design and implementation, and processor controlled remote status and control systems.

Warning Systems Projects Descriptions: Design and layout of VAR, Informer and Receiver Module receivers, two-tone, digital, DTMF and EAS encoder/decoders, FCM, MCP, and UV siren controllers, MCP amplifier, UV switchboard amplifier, and the TERRAi SCADA RTU.

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Fredric O. Pecht

Date Hired at FSC: January 2006

Present Position: Quality Assurance Manager

Date Appointed: January 2006

Education Highlights: B.A. Degree in Chemistry and Mathematics, Blackburn College
M.A Degree in Environmental Science/Science Teaching,
Governors State University

Areas of Expertise: Quality Assurance Management; SPC; Six Sigma Quality;
Precision Inspection; Auditing; ISO 9001 Implementation;

Advance Training: SPC, GD&T, Auditing, FMEA, Six Sigma Quality Improvement,
Video Inspection System, 8D Problem Solving, ISO 9001;

Work Experience: 13 Years Quality and Configuration Management at Scot Inc.
4 Years Quality Engineering at Andrew Corporation;
8 Years Quality Management at Panduit Corporation.
1 Year Quality Engineering at Chemetron Fire Systems;
1 Year Quality Engineering at American Greetings
9 Years in Secondary Education at Beecher, IL and Bourbonnais,
IL, teaching Chemistry, Science, Physics, and Mathematics.

Warning Systems Projects Descriptions: New Hire; none to date

References: Available upon request.

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Jeffrey Pierceall

Date Hired at FSC: August 1995

Present Position: Senior Technician

Date Appointed: January 1996

Education Highlights: Associate of Applied Science in Electronics – 1987
Bachelor of Applied Science in Medical Technology - 1982

Areas of Expertise: Troubleshooting electronics to the component level.

Work Experience: Morey Corporation – Test Technician
United Video – Station Monitor of Satellite Uplink Facility
Provar, Inc. – Electronics Technician
Digital Equipment Corporation – Electronics Technician

**Warning Systems
Projects Descriptions:** Technical Support for System Integration

References: Available upon request

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Thomas Ringsrud

Date Hired at FSC: December 1996

Present Position: Sales Engineer – Military Market

Date Appointed: April 2004

Education Highlights: B.A. Governor's State University
May 2004

Areas of Expertise: Product Troubleshooting (EMP Products)
Product Use & Testing Training

Advance Training: Personal Sales Skills

Work Experience: PLC Programming
Electronics Experience
Product Testing Training
Product Troubleshooting
FWS Warning System Programming

**Warning Systems
Projects Descriptions:** Programming and SMV Writing
Troubleshooting Warning Systems in Field

References: Available upon request.

EXPERIENCE PROFILE

FEDERAL SIGNAL CONTROLS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Paul Schwada

Date Hired at FSC: May 2002

Present Position: Product Line Manager

Date Appointed: January 2003

Education Highlights: MBA – Olivet Nazarene University
BA In Communication

Areas of Expertise: Product development and support.
Market development.

Work Experience: Marketing Communications Coordinator – Olivet Nazarene University
General Manager – Hidden Cove Family Fun Park
Product Manager – Federal Warning Systems

**Warning Systems
Projects Descriptions:** Manage new product development process, new market entry process,
and Value-Added modifications to existing products.

References: Available upon request.

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS A DIVISION OF FEDERAL SIGNAL CORPORATION

Name: Mark S. Tans

Date Hired at FSC: February 2004

Present Position: Field Service & Installation Administrator

Date Appointed: February 2004

Education Highlights: Calvin College, Business Major
Reformed Bible College, Bachelor of Religious Education
Western Theological Seminary, Masters of Divinity Major

Areas of Expertise: Resource Integration
Project Management
Public Speaking

Advance Training: State of Michigan Emergency Management Training
Adult Education Techniques

Work Experience: Executive Director of Operations, Warning Systems Division West
Shore Services, Inc., Allendale, MI 2001-04
Emergency Management Director, City of Hudsonville, MI 2000-2004
Various Construction Experiences in Residential, Commercial,
Electrical and Plumbing 1980-1989

**Warning Systems
Projects Descriptions:** Installation Project Manager for Public Warning System Installations at:
Consumers Power Palisades Plant
Detroit Edison Fermi II Plant
First Energy Perry I Plant
US Air Force Air Mobility Command

References: William Smith, Ottawa County Emergency Management Director, West
Olive, MI
Leonard Todd, Manager of Projects, Palisades Nuclear Plant, Covert,
MI
Luke Miller, Crane & Rigging Manager, West Shore Services,
Allendale, MI

EXPERIENCE PROFILE

FEDERAL SIGNAL CONTROLS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Philip Wagner

Date Hired at FSC: September 2004

Present Position: Sales Engineer

Date Appointed: September 2004

Education Highlights: B.S. Chemical Engineering – Purdue University, West Lafayette, IN
M.B.A. Krannert Graduate School of Management, Purdue University, West Lafayette, IN

Areas of Expertise: Process Control Systems
SCADA Systems
Process Instrumentation

Advance Training: Distributed Control Systems
Fieldbus Methodologies & Configuration
Advanced Control

Work Experience: Siemens Moore: Control System/Instrumentation Engineering and Sales
Emerson Process Management: Control System/Instrumentation Engineering and Sales
Invensys Foxboro: Process Instrumentation Regional Manager

**Warning Systems
Projects Descriptions:** SCADA Projects – Water Distribution & Wastewater Collection Systems

References: Available upon request.

EXPERIENCE PROFILE

FEDERAL WARNING SYSTEMS SUBSIDIARY OF FEDERAL SIGNAL CORPORATION

Name: Ronald Warczak

Date Hired at FSC: February 1984

Present Position: Work Cell Facilitator

Date Appointed: February 1984

Education Highlights: Valparaiso University – Valparaiso, Indiana

Areas of Expertise: Dealing with suppliers of custom equipment and interfacing it with Federal Signal's standard products.

Advance Training: Project Management and Priority Management

Work Experience:

- Over 13 years experience on hundreds of projects working with production to ensure that our equipment meets the customer's requirements.
- Work with suppliers of custom equipment to ensure that it meets job requirements.
- Work with installation and radio contractors to ensure that equipment is installed properly.
- Work with customers and service centers on operation and maintenance of custom systems.
- Part of design team for MC sirens, 2001 sirens, EOWS sirens, UC controllers, and SC controllers.

Warning Systems Projects Descriptions: Dane County, Wisconsin (90+ sirens); Commonwealth Edison (50+ sirens); Israel (60+ sirens); Saudi Arabia (6+ sirens); St. Cloud, Minnesota (15+ sirens); Vicksburg, Mississippi (15+ sirens); Kuwait (100+ sirens)

References: Jack Geraghty – Commonwealth Edison
George Jacobs – St. Cloud, Minnesota

Client Reference List

<p>City of Arlington Ben Patterson Emergency Mgt. Coordinator P.O. Box 231 Arlington, Texas 76004 Phone: (817) 459-6942 Fax: (817) 459-5507</p>	<p>Installed Forty-six (46) Federal Signal Model 2001AC/DC Sirens. All existing Whelen Sirens were removed. Arlington utilizes the Digital Commander 2-way system. The entire system was installed and signed off in August 2001. Total Project Amount: \$630,297.00</p>
<p>City of Irving Pat McMacken Emergency Mgt. Coordinator 825 W. Irving Blvd. Irving, Texas 75015 Phone: (972) 721-2306 Fax: (972) 721-8009</p>	<p>Installed nineteen (19) digital two-way controllers onto existing sirens. The City of Irving is utilizing two (2) points of Activation. The system upgrade was installed and signed off in December 1999. Total Project Amount: \$156,400.00</p>
<p>City of Springfield Joye McElwee Emergency Mgt. Coordinator 833 Boonville (Basement) Springfield, Missouri 65802 Phone: (417) 759-2935 Fax: (417) 869-6654</p>	<p>Installed seventy-nine (79) Model 2001 Sirens w/ two-way controllers and Digital Commander Activation. This system has several points of activation, including a 60" flat screen monitor. This system was installed and signed off in February of 2001. Total Project Amount:</p>
<p>City of Amarillo Walt Kelley Emergency Mgt. Coordinator P.O. Box 1971 Amarillo, Texas 79186 Phone: (806) 378-3022 Fax: (806) 378-9366</p>	<p>Installed sixty (60) Federal Signal two-way controllers w/ Digital Commander activation. These controllers were used to upgrade a variety of Federal Signal sirens, including the 2T22 & T-Bolt. This system was installed and signed off in December 1997. Total Project Amount: \$149,100.00</p>
<p>Douglas County Paula Phillips Coordinator 111 East 11th Street Lawrence, Kansas 66044 Phone: (785) 841-6616 Fax: (785) 832-5101</p>	<p>This system is comprised of twenty-nine (29) Federal Signal 2001AC/DC Sirens w/ two-way Digital Commander Controls. This system was installed in September 2005. Total Project Amount:</p>



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No. CERT-8514-2002-AQ-HOU-RAB

This is to certify that the Quality System
of

**FEDERAL SIGNAL CORPORATION
UNIVERSITY PARK FACILITY**

at

2645 Federal Signal Drive, University Park, IL 60466 USA

Has been found to conform to Quality Standard:

ISO 9001:2000

This Certificate is valid for the following products/service ranges:

**THE DESIGN, MANUFACTURE AND MARKETING OF AUDIBLE AND VISUAL
SIGNALING PRODUCTS AND SYSTEMS FOR USE BY INDUSTRIAL AND
GOVERNMENT CUSTOMERS WORLDWIDE**

Place and date:

Houston, Texas; 23 December 2002

This certificate is valid until:


22 November 2005


for the Accredited Unit:
DET NORSKE VERITAS CERTIFICATION, INC.
Houston, TX USA



Initial Certification Date:

09 May 1996


Rudy Frueboes
Management Representative
Det Norske Veritas Certification, Inc.


David Kistler
Lead Auditor

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the organization.
Lack of fulfillment of conditions as set out in the Appendix may render this certificate invalid.

Maintenance & Support Options

FS-S-RESP3DAY Field Service Contract-3 Business Day Response \$1819/Site

1. Customer must provide remote network access to the system's control point computers to Federal Signal and our Designated Service Provider(s).
2. One (1) Business Day Response for total failure of both control points
3. Seven (3) Business Day Response time for total failure at one control point or other reported issues.
4. Federal Signal maintains a complete inventory of replacement parts that can be purchased and delivered within 1-2 business days.
5. Federal Signal's service provider will have common parts on hand, but repair completion is dependent on the nature of the issue and availability of parts.
6. Repairable components will be repaired and returned within 4 business days of shipment if shipped UPS Red or equivalent.
7. *Speaker drivers, Speakers or Strobes that fail will be replaced annually, unless the RTU output has diminished by more than 20 dB.*
8. Non-warranty Parts Purchase will receive a 25% discount off Manufacturer's List Price.
9. A Site is a Control Point/Base Radio or Remote Terminal Unit.

FS-S-RESP7DAY Field Service Contract-7 Business Day Response \$1392/Site

1. Customer must provide remote network access to the system's control point computers to Federal Signal and our Designated Service Provider(s).
2. Three (3) Business Day Response for total failure of both control points
3. Seven (7) Business Day Response time for total failure at one control point or other reported issues.
4. Federal Signal maintains a complete inventory of replacement parts that can be purchased and delivered within 1-2 business days.
5. Federal Signal's service provider will have common parts on hand, but repair completion is dependent on the nature of the issue and availability of parts.
6. Repairable components will be repaired and returned within 4 business days of shipment if shipped UPS Red or equivalent.
7. *Speaker drivers, Speakers or Strobes that fail will be replaced annually, unless the RTU output has diminished by more than 20 dB.*
8. Non-warranty Parts Purchase will receive a 25% discount off Manufacturer's List Price.
9. A Site is a Control Point/Base Radio or Remote Terminal Unit.