



PURCHASING OFFICE
P.O. BOX 3371
PHONE 813-247-8034
FAX 813-247-0915

David Gee, Sheriff

HILLSBOROUGH COUNTY
TAMPA, FLORIDA 33601

May 25, 2007

FISCAL BUREAU
2008 E. 8th Avenue
Tampa, FL 33605

Jan Wilder, Buyer
(813) 247-0026

PROPOSAL TITLE: SOC and ANNEX FACILITIES
UPGRADE OF FIRE ALARM SYSTEM

PROPOSAL NUMBER: No. 15-07

INSTRUCTIONS TO BIDDERS

Included herein are General Terms and Provisions (Part A); the Special Provisions (Part B); and the Bid Response (Part C), which together with all attachments, constitute the entire "Bid Package". Said bid package must be the basis upon which all bids are offered and the same (the entire bid package) must be kept together and returned, intact, by the time and at the place herein specified. The bidder must manually sign the General Terms and Provisions (Part A) and Bid Response (Part C). Any questions concerning this bid package should be directed to the Buyer whose name appears above.

When awarded, the bid package becomes the "**Contract Document**". The Bidder's signature on the bid constitutes the Bidder's agreement to the terms therein. The signature on the Bid Package must be signed by an Officer of the Company or an individual authorized to commit the Company to a legal and binding contract. **READ THE ENTIRE BID CAREFULLY BEFORE SIGNING.**

NOTICE TO BIDDERS

WHEN SUBMITTING A SEALED BID, ALL BIDS SHOULD BE CLEARLY MARKED AS A BID DOCUMENT. THIS IDENTIFICATION SHOULD INCLUDE THE BID NUMBER, BID TITLE AND DATE DUE ON THE OUTSIDE OF THE ENVELOPE.

REQUEST FOR PROPOSAL 15-07 SOC AND ANNEX FACILITIES UPGRADE
OF FIRE ALARM SYSTEM

LETTER OF INTENT

The undersigned acknowledges the General Terms and Provisions of this Request for Proposal and intends to respond to the Proposal for the Hillsborough County Sheriff's Office. We understand that any changes, clarification and addenda to the Proposal will be promptly communicated to the individual authorized below to receive this information.

Name

Company Name

Address

Telephone Number

FAX Number

PLEASE FAX OR MAIL THIS LETTER OF INTENT TO THE BUYER'S ATTENTION ON OR BEFORE THE PRE-PROPOSAL CONFERENCE.

HILLSBOROUGH COUNTY SHERIFF'S OFFICE
2008 E 8th Avenue
Tampa, FL 33605

VENDOR:

May 25, 2007

-INSERT VENDOR NAME & ADDRESS HERE-

SUBJECT: Request for Proposal Number 15-07

PROPOSAL TITLE: SOC and ANNEX Facilities Upgrade of Fire Alarm System

OPENING DATE & TIME: June 22, 2007 @ 3:00 P.M.

**PLACE: Sheriff's Operation Center
Purchasing Department Conference Room #125
2008 E. 8th Ave., Tampa FL 33605**

Proposals will be received until the time and date shown and will be read aloud immediately thereafter at the "Place" indicated above.

PRE-PROPOSAL CONFERENCE DATE & TIME: June 8, 2007 @ 9:00 A. M.

**PLACE: Sheriff's Operation Center
Purchasing Department Conference Room #125
2008 E. 8th Ave, Tampa Fl 33605**

PART A - GENERAL TERMS AND PROVISIONS:

1. Proposals: Must be contained in a SEALED envelope addressed to: David Gee, Sheriff, 2008 E 8th Avenue, Tampa, Florida 33605. To prevent inadvertent opening, the self addressed mailing label provided with this proposal package must be on the outside of the envelope.

If our specifications, when included in our Request for Proposal, are not returned with your proposal, and no specific reference is made to them in your proposal, it will be assumed that all specifications will be met. When material, sketches, cuts, descriptive literature, vendor's or manufacturer's specifications which accompany the proposal contain information that can be construed or is intended to be a deviation from our specifications, such deviation must be specifically referenced in your proposal response.

2. The responsibility for getting the proposal to the Sheriff's Office on or before the stated time and date will be solely and strictly the responsibility of the proposer. The Sheriff will in no way be responsible for delays caused by the United States Postal Service or a delay caused by any other occurrence, or any other method of delivery. The proposer shall be responsible for reading very carefully and understanding completely the requirements in the specifications. Proposals will not be accepted after the time specified for receipt. Such proposals shall be returned to the vendor unopened with the notation "This Proposal Was Received After the Time Designated For the Receipt and Opening of Proposals".
3. Time for Consideration: Proposer warrants by virtue of proposing the prices quoted in his proposal will be good for an evaluation period of forty-five (45) calendar days from the date of proposal opening unless otherwise stated. Proposers will not be allowed to withdraw or modify their proposals after the opening time and date.
4. Prices: All proposals submitted must show the net proposal price after any and all discounts allowable have been deducted. **Price(s) offered are to be F.O.B. Destination.** State sales tax and federal excise taxes shall not be included as the Sheriff's Office is tax-exempt for materials sold directly to them. The Sheriff will issue exemption certificates to the successful vendor when requested.

The Vendor's attention is directed to the fact that the tax laws of the State of Florida, including but not limited to Chapter 212, Florida Statutes, apply to this proposal matter and that all applicable taxes and fees shall be deemed to have been included in the Vendor's proposal as part of his materials cost, when applicable.
5. Proposal Errors: When errors are found in the extension of proposal prices, the unit price will govern. Proposals having erasures or corrections must be initialed in ink by the proposer.
6. Claims: The successful proposer will immediately replace missing or damaged items and will be responsible for making any and all claims against carriers.
7. Proposal Submittal Costs: Submittal of a proposal is solely at the cost of the proposer and the Sheriff's Office in no way is liable or obligates itself for any cost accrued to the proposer in coming up with the Proposal Submittal.
8. No Proposal: If the receipt of this request for proposal is not acknowledged, Proposer's name may be removed from the proposers' mailing list.
9. Compliance with Occupational Safety and Health Act: Proposer certifies that all material, equipment, etc., contained in his proposal meets all O.S.H.A. requirements.
10. Public Entity Crimes: Pursuant to Florida Statute 287.132 and 287.133, effective July 1, 1989, the Hillsborough County Sheriff, as a public entity, may not accept any bid or proposal from, award any contract to, or transact any business in excess of the threshold amount provided in Section 287.017,

F.S., for Category Two (currently \$10,000) with any person or affiliate on the convicted vendor list for a period of 36 months from the date that person or affiliate was placed on the convicted vendor list unless that person or affiliate has been removed from the list pursuant to Section 287.133 (3)(f), Florida Statute.

If you submit a bid or proposal in response to this request, you are certifying that Florida Statute 287.132 and 287.133 does not restrict your submission.

- 11. Acceptance and Rejection: The Sheriff, Hillsborough County, Florida, reserves the right to reject any or all proposals, for cause, to waive irregularities, if any, in any proposal, and to accept the proposal or proposals which in the judgement of the Sheriff is in the best interest of Hillsborough County.
- 12. It is important that vendor visit sites where services are to be provided to familiarize himself with the scope of the effort required.
- 13. Specifications are attached.

DAVID GEE, SHERIFF
HILLSBOROUGH COUNTY, FLORIDA

-Signature on File-

By _____
Stephen Crane,
Comptroller

- 14. General Terms and Provisions outlined above are acknowledged. Our proposal is attached.

Date _____ Signed _____
Company Officer

Company Name

NOTE: THIS MUST BE RETURNED WITH YOUR PROPOSAL AFTER COMPLETING PARAGRAPH 14. EXCEPTIONS TO THE SPECIFICATIONS, IF ANY, MAY BE NOTED ON THE SPECIFICATION PAGE OR IN YOUR PROPOSAL RESPONSE.

1. IN GENERAL

The purpose of these specifications is to describe the requirements of the Hillsborough County Sheriff's Office for the Upgrade of Fire Alarm System at "SOC" and "ANNEX" Buildings, as specified on Fire Alarm System Specification Section 283100- 1 to 5, and Electrical Drawings E0.1, E1.1, E1.2, E2.1, E2.2 & E3.1.

2. EVALUATION OF PROPOSALS

An Awards Committee may be assigned to evaluate all proposals and make a recommendation to the Hillsborough County Sheriff based on the following criteria, listed in order of importance:

- A. Price
- B. Vendor Qualifications and Related Experience
- C. Vendors experience and certified with Gamewell, Notifier, Edwards EST3, Simplex/Grinnell
- D. Proposal which meets the stated performance requirement and, based upon standard commercial engineering and business practices, will accomplish the intended purpose set forth herein
- E. Job Completion Time

3. SCOPE

The successful proposer, also referred to as the **Contractor** will provide all the necessary labor, materials hardware, equipment, supervision and permits necessary to start and carry forward, to complete work specified under the specifications (Specified and Prepared by **Rolley Engineering, Inc., Consulting Engineers**) and scope of work at the Sheriff's Operation Center and Annex Buildings. Contractor will provide pricing as per Part-A 4.

4. JOB COMPLETION

It is desired to have the Project totally completed within sixty (60) calendar days from the time Contractor has received the Building Permit. The Project Manager must be notified immediately as they occur of any situation arising that may cause delays during scheduled work.

5. PRE-PROPOSAL CONFERENCE

All interested parties are invited to attend a pre-proposal conference (see date on Page 1 of Part A). At this time the Sheriff's representative(s) will be available to answer questions relative to this Request for Proposal (RFP). Any suggested modifications may be presented in writing or discussed with the Sheriff's representative(s) at this meeting and may be considered by said representative(s) as possible amendments to the Request for Proposal. A "Walk-Thru" building inspection is also planned this day.

6. CONTRACTUAL OBLIGATIONS

The successful bidder may not sublet or subcontract any the contractual obligations concerning this bid matter except as provided for in the written contract between the Sheriff's Office and Contractor. This statement does not prohibit subcontracting of the work but does prohibit subcontracting overall management obligations pertaining to the work and requires the contractor to retain ultimate liability for all contractual obligations.

7. PROPOSAL SUBMITTAL

Vendors shall submit two (2) copies of their proposal document at the Proposal Opening Date, (one original and one copy) which shall show details of work, specifications, descriptive literature, drawings, references, financial resources, length of time in business, qualified personnel and any other information that may be necessary for the Sheriff's Office to evaluate the proposal.

8. EXAMINATION OF SITE

Proposers shall view the site and familiarize themselves with existing conditions and satisfy themselves as to the nature and scope of the work required. The submission of a proposal will be construed as evidence that such an examination has been made. Any materials and/or labor, not reflected in the drawings or specifications, required for completion of the work, shall be submitted with the proposal. Later claims for labor, equipment or materials required, will not be allowed. Examinations should be made at the Pre-Proposal conference.

9. PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND

Bond Requirements: The Hillsborough County Sheriff shall, prior to the execution of the Contract, require the successful Proposer to furnish bonds covering the faithful performance of the Contract and the payment of all obligations arising there under in such form and amount as listed hereunder. Premiums for Bonds shall be paid by the successful Proposer.

The Surety company shall be licensed to transact security business in Florida, shall be certified to issue the total amount of the bond on any one risk, and shall be otherwise acceptable to the Hillsborough County Sheriff's Office.

Time of Delivery and Form of Bonds: The successful Proposer shall deliver the required bonds to the Hillsborough County Sheriff no later than the date of execution of the Contract. "Performance and Payment Bond" shall be for 100% of the Contract sum in behalf of the Hillsborough County Sheriff. The bonds shall be written on the Surety Company's standard form. The successful Proposer shall require the Attorney-In-Fact who executes the required bonds on behalf of the Surety company to affix to the bond a certified and current copy of his Power of Attorney, indicating monetary limit of such power.

Alternative Forms of Security: In lieu of the bond required by this section, the successful Proposer

may file with the Hillsborough County Sheriff's Office, an alternative form of security which shall be in the form of cash, money order, certified check, cashier's check, or irrevocable letter of credit. Such alternative forms of security shall be for the same purpose and shall be subject to the same conditions as those applicable to the bond required by this section. The determination of the value of such alternative forms of security shall be made by the Hillsborough County Sheriff's Office.

Release of Bonds: Bonds will be released after all conditions of the contract have been met, final acceptance has been given and all inspections have been satisfied and a statement of warranty and release of lien has been issued.

10. CERTIFICATE OF INSURANCE

The Awardee shall not commence any work in connection with this Contract until he has obtained all the following types of insurance and such insurance has been approved by the Hillsborough County Sheriff's Office, nor shall the Awardee allow any Sub-Contractor to commence work on his sub-contract until all similar insurance required of the Sub-Contractor has been so obtained and approved. All insurance policies shall be with insurers qualified and doing business in Florida.

Worker's Compensation Insurance

The Awardee shall take out and maintain during the life of this Contract, Worker's Compensation Insurance for all of his employees connected with the work of this project and, in case any work is sublet, the Awardee shall require the Sub-Contractor similarly to provide Worker's Compensation Insurance for all the Latter's employees unless such employees are covered by the protection afforded by the Awardee. Such insurance shall comply fully with the Florida Worker's Compensation Law. In case any hazardous work under this contract at the site of the project is not protected under the Worker's Compensation statute, the Awardee shall provide, and cause each Sub-Contractor to provide adequate insurance, satisfactory to the Hillsborough County Sheriff's Office, for the protection of his employees not otherwise protected.

Contractor's Public Liability and Property Damage Insurance

The Awardee shall take out and maintain during the life of this Contract, Comprehensive General Liability Insurance and Comprehensive Automobile Liability Insurance and shall protect him from claims for damage for personal injury, including accidental death, as well as claims for property damage which may arise from operations under this Contract whether such operations be by himself or by anyone directly or indirectly employed by himself, and the amounts of such insurance shall be the minimum limits as follows:

Comprehensive General:	\$300,000 bodily injury and property Liability damage combined single limit.
Automobile	\$300,000 bodily injury and property damage combined single limit.

11. CONTRACTOR'S RESPONSIBILITIES

A) Supervision and Superintendence

The Contractor will supervise and direct the Work efficiently and with his best skill and attention. He will be solely responsible for the means, methods, techniques, sequences, and procedures of construction unless specifically addressed in the Contract Documents. The Contractor will be responsible for seeing that the finished Work complies accurately with the Contract Documents. The Contractor will cooperate with and be responsible for coordination of the Work with other contractors and/or utilities at the site.

B) Concerning Subcontractors

The Contractor will be fully responsible for all acts and omissions of his subcontractors and of persons directly or indirectly employed by them and of persons for whose acts any of them may be liable to the same extent as if they were employed by him. Nothing in the Contract Documents shall create any contractual relationship between any subcontractor and the Sheriff's Office or any obligation on the part of the Sheriff's Office to pay or to see to the payment of any monies due any subcontractor, except as may otherwise be required by law. The Sheriff's Office may furnish to any subcontractor, to the extent practicable, evidence of amounts paid to the Contractor for specific Work done.

The divisions and sections of the Specifications and the identifications of any Drawings shall not control the Contractor in dividing Work among subcontractors or delineating the Work to be performed by any specific trade.

The Contractor agrees to bind specifically every subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the Sheriff's Office.

12. WARRANTIES

The Awardee will warrant this work to be in direct compliance with all Federal, State and local laws, ordinances, codes, rules and regulations that in any manner affect this work.

13. VENDOR QUALIFICATIONS

Vendors may be required to furnish evidence in writing that they maintain permanent places of business and have adequate equipment, finances and personnel to furnish the item or service offered satisfactorily and expeditiously.

The Hillsborough County Sheriff's Office reserves the right to inspect the vendor's place of business and equipment prior to award of any contract, for determining ability to meet terms and conditions as set forth herein.

14. INSTALLATION ACCEPTANCE

Final inspection will be accomplished by the Consulting Engineer & Project Manager or designated representatives. It will be determined at that time if all conditions of the service have been met and the system has been successfully tagged.

15. TRADE NAMES

Any reference to materials by trade name, brand name or catalog number or referenced in the specifications are intended to be descriptive but not restrictive. They are used to indicate to the prospective bidder articles that will be satisfactory.

16. CANCELLATION

When deemed to be in the best interest of the Hillsborough County Sheriff's Office, any contract(s) resulting from this specification may be cancelled by the following means:

- a. Ten (10) calendar days written notice with cause, or;
- b. Thirty (30) calendar days written notice without cause.

17. DEFAULT

The contract may be cancelled or annulled by the Hillsborough County Sheriff's Fiscal Director in whole or in part by written notice of default to the awardee upon non-performance or violation of contract terms. An award may be made to the next best responsive & responsible proposer, or services specified may be purchased on the open market similar to those so terminated. Failure of the contractor to provide services within the time stipulated in these specification, unless extended in writing by the Fiscal Director, shall constitute contract default. Vendors who default on contracts may be removed from the vendor mailing lists for future contracts at the discretion of the Fiscal Director.

18. NEXT BEST PROPOSER

In the event of a default by the awarded vendor, the Hillsborough County Sheriff's Office reserves the right to utilize the next best proposer as the new awardee. In the event of this occurrence, the next best proposer shall be required to provide the proposal items at the prices as contained on their proposal for this specification for the remainder on the award period.

19. EMERGENCY

If and when an emergency requirement should occur, the Sheriff's Office reserves the right to deviate from this contract and procure the item(s) from the most available source.

20. SUBSTITUTION

The awardee(s) shall not substitute items for like items unless there has occurred some mishap causing a shortage of said items. Such measures may only be enacted after verifying that it will be allowed by the Hillsborough County Sheriff. Any violation of such procedure will be considered cause for cancellation.

21. AWARD

Award shall be made to the best responsive and responsible proposer offering a service and price deemed suitable for acceptance by the Hillsborough County Sheriff's Office.

The evaluation of the proposals and the determination as to equality of commodity/service offered shall be the sole and final responsibility of the Hillsborough County Sheriff's Office and will be based on information and/or samples furnished by the vendor.

22. INVOICING AND PAYMENTS

Vendors may invoice the Hillsborough County Sheriff's Office, in duplicate, for service(s) as completed. The Electrical Engineer will review and approve invoices prior to the Sheriff's Office paying invoices. The contractor will submit application for payment documents to the Engineer prior to the Sheriff's Office. The invoice shall show: Location of service; Service performed; percentage of Completion. **Always show purchase order number on invoices.**

Timely payment of invoices is incumbent upon the Hillsborough County Sheriff's Office and in no case shall payment exceed thirty (30) calendar days from date of receipt of an invoice.

Invoices should be mailed to: Hillsborough County Sheriff's Office
Attention: Fiscal Bureau
P.O. Box 3371
Tampa, FL 33601

Application for payment shall be accompanied by Waivers of Liens from the contractor, all subcontractors, and all suppliers of equipment and materials.

23. EXCEPTIONS TO PROPOSAL

All proposal submittals must clearly state with specific detail all deviations to the requirements imposed upon the Proposer by the General Terms and Provisions (Part A) and Special Provisions (Part B). Such deviations should be stated upon the Proposal Response (Part C) or appended thereto.

Vendors are hereby advised that the Hillsborough County Sheriff will only consider proposals that meet specifications and other requirements imposed upon by this proposal package. In instances, where an exception is stated upon the Proposal Response (Part C), said proposal will be subject to rejection by the Hillsborough County Sheriff in recognition of the fact that said proposal does not meet the exact requirements imposed upon the Proposer by the General Terms and Provisions (Part A) and the Special Provisions (Part B).

24. DISPUTES

Any prospective Proposer who disputes the reasonableness or appropriateness of the notice of award, on notice of rejection, for any or all proposals will submit a notice of protest in writing within 72 hours (excluding official holidays, Saturdays and Sundays) to the HCSO Purchasing department by registered mail.

The RFP evaluation committee will have five working days upon receipt of this notice to meet and consider the dispute as written. The evaluation committee may request additional information from the vendor or request a meeting to gain further clarification of the issues. Upon completion of this review process the evaluation committee will make a recommendation to the Project Manager.

After review of the evaluation committee recommendation and the dispute notice, the Project Manager may concur with the evaluation committee or arrive at a separate decision. The decision of the Project Manager will be communicated to the vendor in writing. This decision and the basis upon which it was made will be communicated within 5 working days following the receipt of the recommendation from the evaluation committee.

A single appeal of the Project Manager's decision is available by submitting a notice in writing within 72 hours (excluding official holidays, Saturdays and Sundays) requesting a Management review of the decision. The determination of HCSO Management regarding the decision of the Project Manager is final.

PROPOSAL RESPONSE: SOC AND ANNEX FACILITIES UPGRADE OF FIRE ALARM SYSTEM
PROPOSAL 15-07

V
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The undersigned has carefully examined the proposal package and all conditions affecting the cost of the service required by the Hillsborough County Sheriff's Office.

We hereby propose to furnish the below described service in accordance with the proposal package, except as noted on attached Exceptions Form:

A. Total Net Proposal: \$ _____

B. Indemnification
See Part B – 15. \$ + 50.00

C. Total Net Proposal: \$ _____

D. Provide other pricing information relative to this contract:

E. It is estimated to take approximately _____ calendar days (upon receipt of building permit) to complete this project in accordance with the requirements and specifications of the contract. Furthermore, proposer acknowledges job completion shall be accomplished within sixty (60) calendar days after the Notice to Proceed Date and receipt of the Building permit.

F. REFERENCES

Proposers shall provide business references on this form. References shall be jobs currently or previously under contract where same or similar service has been rendered.

1. Firm Name _____
Contact _____
Title _____
Mailing Address _____
Phone _____

2. Firm Name _____
Contact _____
Title _____
Mailing Address _____
Phone _____

3. Firm Name _____
Contact _____
Title _____
Mailing Address _____
Phone _____

4. Firm Name _____
Contact _____
Title _____
Mailing Address _____
Phone _____

G. SUB-CONTRACTORS (IF ANY)

1. Firm name _____
Mailing Address _____
Phone _____
Contact _____

2. Firm name _____
Mailing Address _____
Phone _____
Contact _____

3. Firm name _____
Mailing Address _____
Phone _____
Contact _____

4. Firm name _____
Mailing Address _____
Phone _____
Contact _____

PROPOSAL TITLE: SOC AND ANNEX FACILITIES UPGRADE OF FIRE ALARM SYSTEM

VENDOR:

Check One: () Proprietorship
() Partnership
() Corporation

WAREHOUSE ADDRESS IF DIFFERENT FROM ABOVE: _____

TAXPAYER FEDERAL IDENTIFICATION NUMBER: _____

TELEPHONE NUMBER FOR PLACING ORDERS: () _____

FAX NUMBER: () _____

CONTACT PERSON _____

OUR COMPANY HAS BEEN IN BUSINESS UNDER ITS PRESENT NAME SINCE: _____

At this present time we understand all requirements and state that as a serious proposers we will comply with all the stipulations included in the proposal package.

The above named Proposer affirms and declares:

1. that the Proposer is of lawful age and that no other person, firm or corporation has any interest in this proposal or in the contract proposed to be entered into;
2. that this proposal is made without any understanding, agreement, or connection with any other person, firm or corporation making a proposal for the same purpose, and is in all respects fair and without collusion or fraud;
3. that the Proposer is not in arrears to Hillsborough County or the Sheriff upon debt or contract and is not a defaulter, as surety or otherwise, upon any obligation to the Sheriff;
4. That no officer or employee or person whose salary is payable in whole or in part from the County Treasury is, shall be or become interested, directly or indirectly, surety or otherwise in this proposal; in the performance of the contract; in the supplies, materials, equipment, and work or labor to which they relate; or in any portion of the profits thereof.

The undersigned agrees, also, that this proposal shall remain open for an evaluation period of forty-five (45) calendar days following the opening of proposals.

Respectfully submitted,

PLEASE PRINT - By _____

Title _____

Date _____

Signature _____

STATEMENT OF NO PROPOSAL

NOTE: If you do not intend to respond to this requirement, please return this form immediately to:

HILLSBOROUGH COUNTY SHERIFF
FISCAL DIVISION
P.O. BOX 3371
TAMPA, FL 33601

We, the undersigned, have declined to respond to your Proposal No. 15-07 for SOC AND ANNEX FACILITIES UPGRADE of Fire Alarm System for the following reasons:

____ Specifications too "tight", i.e., geared toward one brand or manufacturer only (explain below).

____ Insufficient time to respond to the Invitation for Proposal.

____ We do not offer this product or an equivalent.

____ Our Product schedule would not permit us to perform.

____ Unable to meet specifications.

____ Unable to meet Bond Requirements.

____ Specifications unclear (explain below).

____ Remove our company from your vendor list.

____ Other (specify below)

We understand that if the "no proposal" letter is not executed and returned, our name may be deleted from the list of qualified vendors for the Hillsborough County Sheriff's Office.

PLEASE PRINT - COMPANY NAME _____

COMPANY OFFICER _____

TELEPHONE NUMBER _____

DATE _____

SIGNATURE _____

SOC AND ANNEX FACILITIES UPGRADE OF FIRE ALARM SYSTEM
PROPOSAL 15-07 EVALUATION MATRIX

Firm Name _____

MAXIMUM POINTS SCORE

1.	Price	30	_____
2.	Vendor Qualifications & Related Experience	30	_____
3.	Vendors Fire Alarm System Experience	20	_____
4.	Proposal which meets the stated performance requirement and, based upon standard commercial engineering and business practices, will accomplish the intended purpose set forth herein.	20	_____
5.	Job Completion Time	10	_____
		_____	_____
	Total	110	

What are the three primary reasons you have for recommending this firm?

What are the three primary reasons for rejecting this firm?

General comments/clarifications/questions _____

Name of evaluator _____ Date _____

SECTION 283100 - FIRE ALARM SYSTEM

PART 1 - GENERAL

1.1 SCOPE AND RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section.
- B. Refer to other sections of these specifications for related work, which is not work of this section.
- C. The work covered by this section of the specifications includes the furnishing of all labor, equipment, materials, and performance of all operations in connection with the installation of the fire alarm system as shown on the drawings and as herein specified.
- D. The fire alarm control panel shall be equipped with automatic voice evacuation and manual paging modules.
- E. The complete installation is to conform to the applicable sections of NFPA, local code requirements, The National Electric Code and Florida Building Code.

1.2 SYSTEM DESCRIPTION

- A. The control panel shall be addressable and utilize addressable initiating, monitoring, and control devices throughout the system. Each individual initiating device, control device and indicating appliance circuit shall be supervised. Normal operating and standby power shall also be supervised. All audible devices and flashing lights shall meet or exceed the latest requirements as specified in the Americans with Disabilities Act of 1992, U.L. 1971 and NFPA 72.
- B. The fire alarm control panel shall allow for loading or editing special instructions and operating sequences as required. The system is to be capable of on site programming to accommodate and facilitate expansion, building parameter changes or changes as required by local codes. All software operations are to be stored in a non-volatile programmable memory within the fire alarm control panel. Loss of primary and backup power shall not erase the instructions stored in memory.
- C. Initiation circuits shall be individually configurable on site to provide either alarm/trouble operation, alarm only, trouble only, current limited alarm, no alarm, normally closed device monitoring, a non-latching circuit or an alarm verification circuit.
- D. Indicating appliance circuits shall be individually configurable on site to provide upon activation, a temporal tone/voice message upon any output circuit until silenced or reset.
- E. The system shall communicate with all initiating and control devices individually.
 - 1. All of these devices are to be uniquely annunciated at the control panel.
 - 2. Annunciation shall include the following conditions for each device.
 - a. Alarm
 - b. Short
 - c. Trouble
 - d. Ground
 - e. Open
 - f. Device fail/incorrect device

- F. All addressable devices are to have the capability of being disabled or enabled individually from the control panel.
- G. Each addressable device must be uniquely identified by an address code entered on each device at the time of installation.

1.3 LICENSING REQUIREMENTS

- A. The low bidder shall be prepared to show proof that his company is regularly engaged in and has the experience, shop facilities, and equipment to perform the work specified herein. The installer shall be licensed to install fire alarm systems and shall possess an EC or EF license.
- B. The fire alarm system herein specified shall be furnished by a manufacturer of fire alarm systems who has been conducting business in the project area for at least 5 years. A complete stock of parts for the systems furnished shall be in inventory at the facilities of the supplier. The equipment manufacturer shall have service facilities within a 35 mile radius with parts in stock and trained service personnel and shall respond to a service call within twenty-four (24) hours after request during guarantee period.
- C. Each and all items of the Fire Alarm System shall be listed under the appropriate category by Underwriters' Laboratories, Inc. (UL) as a product of a single fire alarm system manufacturer.

PART 2 - MATERIALS

2.1 SYSTEM COMPONENTS

- A. The control panel shall be modular with solid-state microprocessor based electronics and shall have steel enclosure with hinged door and lock. The panel shall contain fuses; terminals and relays necessary for proper operation and panel shall have sufficient capacity to support 250 individually identified devices. Panel shall be fed with 120-volt power.
- B. Manual stations shall be addressable, single action, with break-rod feature, semi-flush with tool reset or approved equal.
- C. Provide maintenance free lead-acid, long life battery for each control panel. Unit shall have an automatic battery charger, automatic transfer relay. Battery shall have capacity to operate alarm for 5 minutes and have a 24-hour supervision capability.
- D. Audio/visual units shall be UL listed for this intended purpose and shall meet or exceed the requirements of NFPA 72 and the Americans with Disabilities Act (ADA) for audio and visual output. Both audio and visual units shall operate on 24VDC. Visual units shall be 75 candela. Units shall be semi-flush mounted and complete with all mounting hardware including back box. All units for installation on the exterior of a building shall be weather resistant and semi-flush mounted in the appropriate weatherproof back box.
- E. Addressable smoke detector heads (sensors) shall be pluggable into a common base. The base will contain electronics that communicate the detector status (normal, alarm, trouble) to the control panel over two wires. The same two wires shall also provide power to the base and detector. A trouble signal must be transmitted to the control panel if the head is removed.
- F. Smoke sensors shall be addressable, photoelectric type and shall communicate actual smoke chamber values to the control panel. The sensors shall be listed for both ceiling and wall mount applications. The sensors electronics shall be immune to false alarms caused by EMI and RFI.

- G. Duct mounted smoke detectors shall be located in the supply ducts at all air handling units indicated, shall operate similarly to the ceiling type, and shall operate on the light scatter principle, calibrated to actuate on a nominal two per cent (2%) light obscuration per foot. The light source for the detection chambers shall be solid state L.E.D. Changes of air velocity, air pressure, temperature, or humidity shall not effect the sensitivity of the detector. The detector shall include a red "Alarm" light. The unit shall mount directly outside of the duct. Provide adequate access to the unit. Sampling tube shall extend into the air stream up to 10 feet.
 - 1. Provide a remote alarm L.E.D. indicator where the detector is not visible from the floor or the wall of the closest proximity device. Provide laminated place template engraved "Concealed Smoke Detector".
- H. Thermal detectors shall be addressable, surface mounted, fixed temperature at 135 degrees F or 190 degrees F as indicated. Provide explosion proof thermal detectors as indicated on the drawings. Heat detector shall convey the actual ambient temperature of its environment to the control panel.
- I. Electro-magnetic door holders shall be satin aluminum finish consisting of a strike plate mounted on the door and electro-magnet wall mounted on an outlet box and single gang device plate. Voltage shall be 24 VDC. Provide proper door latch plates (see architectural door schedule). Mount holders at top of door and protect leading edge of door. Upon general alarm, all electro-magnetic door holders shall release doors.
- J. Install transient suppression unit in power line feeding the fire alarm control panel.
- K. Fan shutdown relays shall be addressable, 24VDC with contact configuration and rating as required for the air handler controls. Make connections between relay and air handler controls as required. Relay shall be surface mounted in NEMA 1 enclosure.
- L. Acceptable manufacturers shall be Edwards System Technology "EST3", Notifier, Simplex/Grinnell or prior approved equal.
- M. Ceiling smoke detectors shall not be located in the direct path of the air conditioning supply or return diffuser.
- N. Conduit for the system shall be "EMT" where located within the building interior.

PART 3 - EXECUTION

3.1 CONDUCTORS

- A. Conductors shall be 98% copper with type "THHN" insulation. Minimum wire size shall be #16 AWG except for alarm signals and 120V control panel power wiring which shall be #12 AWG.
- B. Conductors shall be solid, except for control panel power. Color code conductors as follows:

<u>ITEM</u>	<u>COLOR</u>
Flashing Lights/Horns	Blue and Yellow
Control Panel Power	Black, White and Green
Door Holders	White and Yellow
Data	Red and Black

- 1. All conductors shall be terminated with crimp type, open end, space lugs using tool approved by lug manufacturer. Terminal cabinets shall be provided with screw type barrier, terminal strips and plywood backboards.

3.2 SMOKE DETECTORS

- A. Smoke detectors shall be smoke density measuring devices having no self-contained alarm set point. The alarm decision for each sensor shall be determined by the sensor and control panel. The sensor and control panel shall determine the condition of each sensor by comparing the sensor value to the stored values.
1. The control panel shall maintain a moving average of the sensors' smoke chamber value to automatically compensate for dust and dirty conditions that could affect detector operations. Systems that do not automatically maintain a constant smoke obscuration sensitivity for each sensor by compensating for environmental factors are deemed unacceptable.
 2. The system shall automatically indicate when an individual sensor needs cleaning. When a sensor's average value reaches a predetermined value, a "dirty sensor" trouble condition shall be audibly and visually indicated at the control panel for the individual sensor.
 3. The control panel shall automatically perform a self test routing on each sensor which will functionally check the sensor's electronics and ensure the accuracy of the values being transmitted to the control panel. If a sensor fails the self test routing, the control panel shall indicate a self test abnormal condition associated with the failing detector.
 4. An operator at the control panel, having the proper access level, shall have the capability to access the following information for each sensor:
 - a. Primary status
 - b. Device type
 - c. Present average value
 - d. Present sensitivity selection
 - e. Peak detection values
 - f. Sensor range (normal, dirty, etc.)
 5. For increased smoke detection assurance, all addressable smoke detectors shall have alarm verification. Only a verified alarm shall initiate the alarm sequence.

3.3 PRETESTING

- A. The manufacturer's representative will perform a final inspection and testing of the complete fire alarm system. At the completion of the checkout, he will certify in writing that the system is operational and was installed in accordance with the manufacturer's instructions.

3.4 SYSTEM TEST

- A. A factory-trained technician who shall specifically test, adjust and set each detector shall perform verification and testing of smoke detection system.
- B. Provide close-out documents and Owner training, in accordance with the close-out requirements specified elsewhere, to include the following:
1. Operation Manual
 2. Service Manual
 3. Technical Manuals and Schematics
 4. Maintenance Instructions
 5. Parts Listings
 6. As-Built Drawings including location, identification and address of each device
 7. Software interface (with any required hardware interfaces between a laptop computer and control panel) with a copy of the final program

8. Operating instructions and demonstration for school-based staff.
9. Fire Alarm Certification

3.5 WARRANTY

- A. Manufacturer/Installer to provide a minimum of one (1) year warranty on materials and workmanship. Provide the Owner the option of purchasing an additional one-year warranty at any time prior to the expiration of the first year's warranty.

END OF SECTION 283100

GENERAL NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF TAMPA.
4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
7. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL EXITS AND EGRESS ROUTES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF TAMPA.
9. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
11. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL EXITS AND EGRESS ROUTES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF TAMPA.
13. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
15. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL EXITS AND EGRESS ROUTES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF TAMPA.
17. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.

ALTERNATE BIDDING NOTE

THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID TO MAINTAIN THE CONTRACTOR'S ACCESS TO ALL ADJACENT AREAS AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF TAMPA.

ALLOWANCE NOTES

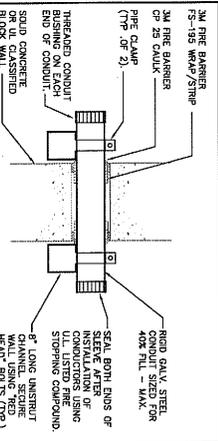
1. THE FOLLOWING ALLOWANCE SHALL BE INCLUDED IN THE UNIT PRICE AND TOTAL QUANTITY THE BIDDER APPLIES TO THIS SECTION.
2. SHOW ON THESE DOCUMENTS WHICH MAY BE DETERMINED NECESSARY.

FIRE ALARM SYSTEM GENERAL NOTES

1. THE FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE CITY OF TAMPA FIRE DEPARTMENT REQUIREMENTS.
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PHASING NOTE

IT IS ESSENTIAL THAT DURING THE ALARM TESTS, ALL SYSTEMS SHALL BE TESTED IN PHASE TO ENSURE PROPER OPERATION.



CONDUIT SLEEVE PENETRATION DETAIL

1. SYSTEM APPLICATION: UL THROUGH-PENETRATION FIRESTOP SYSTEM NO. 50, PER ASTM E 814 (ANSI/UL 179) FIRE TEST.
2. ASSEMBLY: MINIMUM THICKNESS OF SOLID CONCRETE WALL IS 5-1/2" OR MORE.
3. FINISHES: F - 1/4" IN. 1 - 0 IN.
4. PARTICULATING DETAIL: NOMINAL 4" DIAMETER (OR SMALLER) STEEL SHRT.
5. APPLICATION DETAILS: INSTALL THE FIRESTOP SUBSEQUENTIALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
6. FINISHES: F - 1/4" IN. 1 - 0 IN.
7. PARTICULATING DETAIL: NOMINAL 4" DIAMETER (OR SMALLER) STEEL SHRT.
8. APPLICATION DETAILS: INSTALL THE FIRESTOP SUBSEQUENTIALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
9. FINISHES: F - 1/4" IN. 1 - 0 IN.
10. PARTICULATING DETAIL: NOMINAL 4" DIAMETER (OR SMALLER) STEEL SHRT.
11. APPLICATION DETAILS: INSTALL THE FIRESTOP SUBSEQUENTIALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
12. FINISHES: F - 1/4" IN. 1 - 0 IN.
13. PARTICULATING DETAIL: NOMINAL 4" DIAMETER (OR SMALLER) STEEL SHRT.
14. APPLICATION DETAILS: INSTALL THE FIRESTOP SUBSEQUENTIALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
15. FINISHES: F - 1/4" IN. 1 - 0 IN.
16. PARTICULATING DETAIL: NOMINAL 4" DIAMETER (OR SMALLER) STEEL SHRT.
17. APPLICATION DETAILS: INSTALL THE FIRESTOP SUBSEQUENTIALLY ON BOTH SIDES OF THE WALL ASSEMBLY.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
1	FIRE ALARM ROLL DETECTOR - CLASS. A.F.F.
2	FIRE ALARM POINT DETECTOR - CLASS. INT.
3	FIRE ALARM HORN - FLUSH WALL MTD. DETECTOR - CLASS. INT.
4	FIRE ALARM HORN - FLUSH WALL MTD. DETECTOR - CLASS. INT.
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FIRE ALARM SYSTEM WIRING LEGEND

TYPE	DESCRIPTION
1	2-#14/THINW/CL (0.0354 IN)
2	2-#12/THINW/CL (0.0354 IN)
3	2-#12/THINW/CL (0.0354 IN)
4	2-#12/THINW/CL (0.0354 IN)
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ELECTRICAL DRAWING INDEX

NO.	DESCRIPTION
E01	GENERAL NOTES AND LEGEND
E11	FIRST FLOOR EXISTING FIRE ALARM SYSTEM
E12	SECOND FLOOR EXISTING FIRE ALARM SYSTEM
E21	FIRST FLOOR - PROPOSED FIRE ALARM
E22	SECOND FLOOR - PROPOSED FIRE ALARM
E31	PANDBOARD SCHEDULES

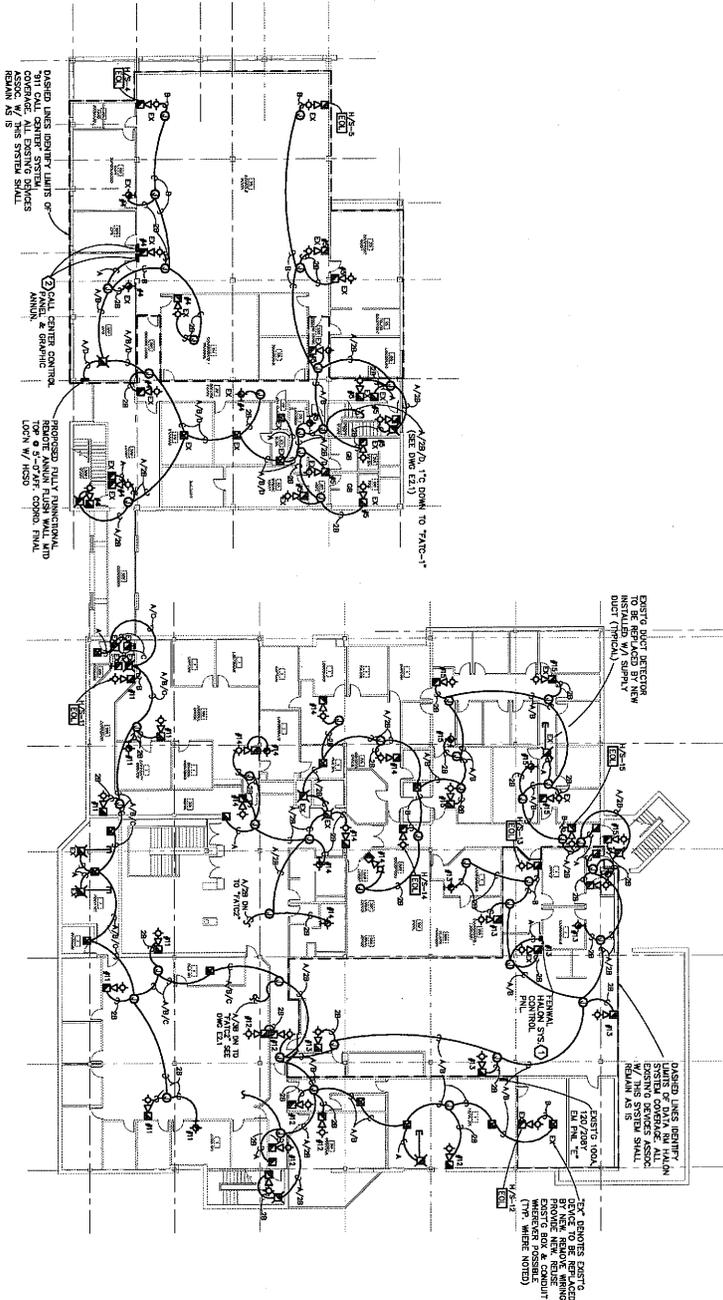
LEGEND AND GENERAL NOTES

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 TELEPHONE: (813) 889-0835 FAX: 889-8051
 Robert Andrew Rolley, Florida Reg. #21600

DATE: 04-23-07
 DRAWN: JAC
 CHECKED: JAC
 JOB NO: 0703
 SHEET NUMBER: **E01**

REVISIONS:

NO.	DESCRIPTION
1	
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SECOND FLOOR - PROPOSED FIRE ALARM SYSTEM

SCALE: 1/8"=1'-0"

DRAWING NOTES

- 1 REMOVE INTERFERENCE WITH EXISTING DATA ROOM FINAL WALL FROM GENERAL ALARM SHALL NOT AFFECT THE DATA ROOM F/V WALL OR TO EXISTING ACTIVATION OF THE DATA ROOM SYSTEM SHALL CROSS GENERAL ALARM & THE PROPOSED PLAN

DATE: 04-23-07
DRAWN: JSC
CHECKED: JSC
SHEET NUMBER: E22

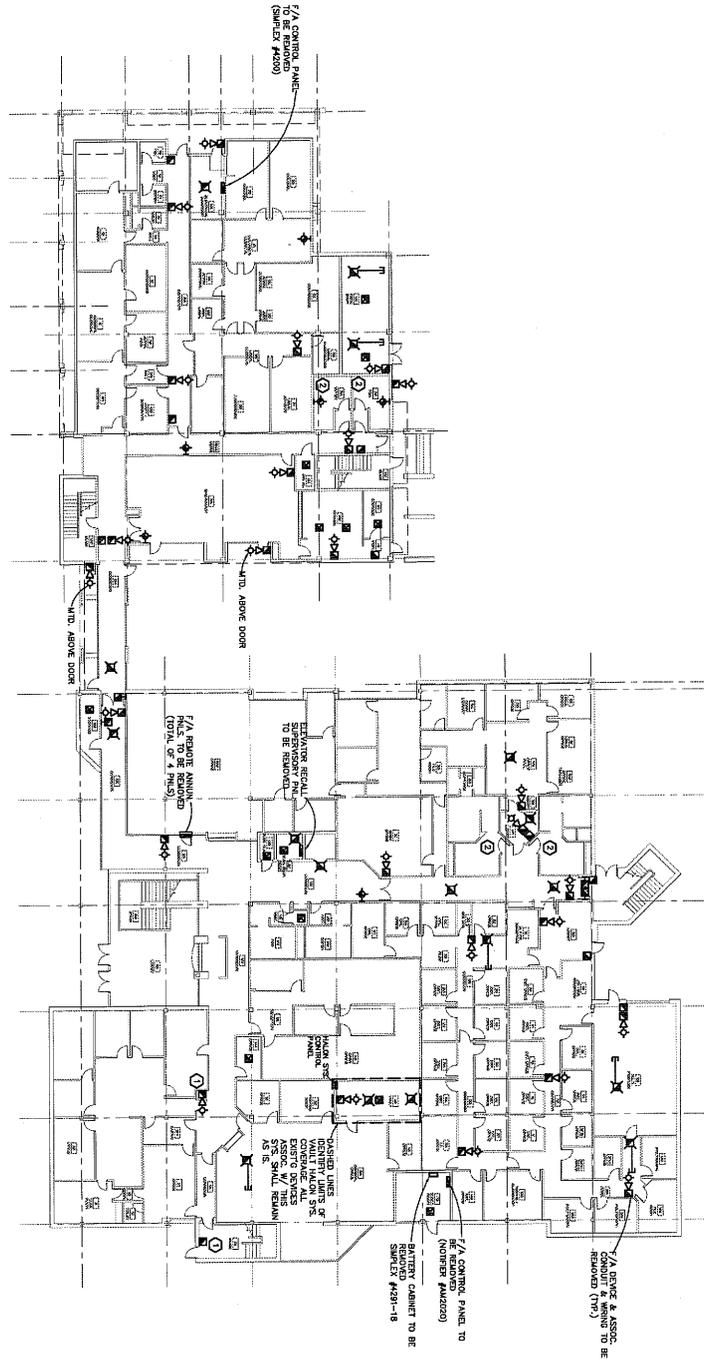


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SHEET TITLE
**SECOND FLOOR - PROPOSED
 FIRE ALARM SYSTEM**

PROJECT NAME:
**HILLSBOROUGH COUNTY
 SHERIFFS OFFICE
 UPGRADE OF FIRE ALARM SYSTEM
 SOC AND JAMES FACILITIES
 TAMPA, FLORIDA**

REVISIONS:	
NO.	DESCRIPTION
1	
2	
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FIRST FLOOR - EXISTING FIRE ALARM SYSTEM

SCALE: 1/8" = 1'-0"

DRAWING NOTES	
①	EXISTING FIRE ALARM SYSTEM DOES NOT COMPLY W/ CURRENT CODES AND STANDARDS.
②	AREA IS EQUIPPED WITH OPTICAL SMOKE DETECTORS.

DATE: 04-26-07
 DRAWN: JMS
 CHECKED: JMS
 SHEET NUMBER: E11



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SHEET TITLE
**FIRST FLOOR - EXISTING
 FIRE ALARM SYSTEM**

PROJECT NAME:
**HILLSBOROUGH COUNTY
 SHERIFFS OFFICE
 UPGRADE OF FIRE ALARM SYSTEM
 SOC AND ANSER FACILITIES
 TAMPA, FLORIDA**

REVISIONS:	
1	8
2	9
3	10
4	11
5	12
6	13
7	14

