

# THE SCHOOL DISTRICT OF OSCEOLA COUNTY, FLORIDA

## Purchasing/Property Records/Warehouse

817 Bill Beck Boulevard, Building 2000 • Kissimmee • Florida 34744-4495  
Phone: 407-870-4630 • Fax: 407-870-4616 • [www.osceola.k12.fl.us](http://www.osceola.k12.fl.us)

Superintendent of Schools  
Michael A. Grego, Ed.D.

### SCHOOL BOARD MEMBERS

- District 1 – Jay Wheeler  
407-390-0505
- District 2 – Julius Melendez  
407-922-5113
- District 3 – Cindy Lou Hartig  
407-832-3999
- District 4 – David Stone, Vice Chair  
407-933-2700
- District 5 – John McKay, Chair  
407-957-4056



August 25, 2009

### SDOC 10-B-009 CJ

Fire Alarm Inspections, Testing, Monitoring & Installation

Addendum # 2

**(To be attached and become a part of the ITB)**

The original solicitation documents shall remain in full force and effect, except as modified herein, and shall take precedence over any contrary provisions in the prior documents. The Bid opening date and time is scheduled to open on Wednesday, September 2, 2009 at 2:00 p.m. at the same location as stated in the original solicitation document.

This addendum is being issued to clarify questions submitted and amend the bid.

Throughout the entire document the Bid title is amended to read **Fire Alarm Systems, Inspection, Testing and Monitoring**.

Below are the revised specifications deleting those that do not apply and adding some for the Fire Alarm Systems, Inspection, Testing and Monitoring.

**Remove all of Section 2 in the original solicitation and replace with the following:**

### 2.0 PRODUCTS OR SERVICES TO BE PROVIDED, AND APPLICABLE SPECIFICATIONS (*Revised*)

The purpose of the Invitation To Bid is to provide the District with qualified Contractor(s) to perform all operations in connection with remote station monitoring, inspection and testing of Fire Alarm Systems for the School District of Osceola County, Florida. The intent of this Invitation To Bid is to assure that the Life Safety/Fire Detection and other related systems servicing the District's facilities are properly inspected, tested and monitored in compliance with NFPA 72, NEC 70 Florida Administrative Rules, and SREF codes. The District intends to utilize this contract for the performance of: 1) inspection and testing, and 2) monitoring of the District's existing fire alarm systems. The awarded Bidder shall provide a web-based reporting system for creating, updating, and maintaining all service work, inspections, and maintenance performed.

### 2.1 SERVICING PERSONNEL (*Revised*)

The awarded Bidder's key personnel must have a minimum of three (3) years experience inspecting, testing and monitoring fire alarm systems for educational facilities within the State of Florida. The awarded Bidder(s) shall have employees that meet the following requirements for the term(s) of this contract:

1. Minimum (1) NICET level 4 (Senior Engineering Technicians) on staff. Two preferred.
2. Four (4) NICET level 2 (Associate Engineering Technicians) or higher on staff.
3. All service and inspection personnel shall be in compliance with Florida Statutes 4898 and certified as Fire Alarm System Agents.

**Student Achievement – Our Number One Priority**

Districtwide Accreditation by the Southern Association of Colleges and Schools

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An Equal Opportunity Agency

4. Bidder must provide the following information in its bid submittal for each employee assigned to perform services under this contract:
  - A. Photograph of the employee
  - B. Name of the employee
  - C. NICET certificate number and grade
  - D. Alarm Company's Name, address and phone number
  - E. Contractor License holder's signature
  - F. Employee's signature
5. Provide proof of Continuing Education requirements upon request of the Osceola County School Board.
6. Fire Alarm Service Agent (FASA) Card must be available at all times with each employee performing work under this contract.

If the Bidder's personnel status changes after the award of this solicitation, the awarded Bidder(s) is required to notify the District and provide the required information for replacement staff as listed in Section 2.1. If the awarded Bidder(s) is unable to maintain the required staff, the District may terminate the award for failure to continue to meet the minimum requirements of the Invitation To Bid.

## 2.2 FIRE ALARM SYSTEM "LOGBOOKS" (*Revised*)

Documentation - The awarded Bidder(s) shall update each "Fire Alarm System Logbook" when the system is inspected and tested. This logbook shall contain at minimum the following:

1. Documentation to record all work performed on the fire alarm system. This form shall contain the following information:
  - A. Date and Time of inspection/test etc.,
  - B. Name and address of protected property,
  - C. Service entity's name, address and phone number,
  - D. Name of Inspector,
  - E. Description and location of equipment in the building where inspection was performed,
  - F. Type of inspection performed on the system,
  - G. Drawings of the fire alarm system showing the location of each device in the system and the number assigned to each device in the system,
  - H. System operating instructions.

## 2.3 INSPECTIONS AND REPORTING (*No Change*)

The awarded Bidder shall perform all visual inspections of the system and connected devices in accordance with NFPA 72 (2002 edition) chapter 10, Table 10.3.1. The awarded Bidder shall ensure visually that there are no adverse changes that may affect the system performance.

1. The awarded Bidder shall employ a Bar-Coded system to meet the requirements of District's current fire alarm inspection documentation systems - [www.buildingreports.com](http://www.buildingreports.com) or equal.
2. **Web-based Reporting System**  
The awarded Bidder shall provide the District with access to a hosted web-based reporting system for creating, updating and maintaining all service work, inspections, and maintenance performed as part of this specification.
3. **Inspection Portal and Online Access**  
The awarded Bidder shall provide the District with a secure hosted Inspection Portal for review of reports and other data used in the web-based reporting system. Inspection Portal must be capable of providing color coded status flags (or other approved status indicator) for immediate notification of inspection results.
  - A. Green flag for passed inspections
  - B. Yellow flag for inspections with notes and/or recommendations
  - C. Red flag for inspections with failures or other discrepancies
4. **Inspection Reports/Data**
  - A. Report will be supplied in each of the following formats:
    1. Online - Viewable over the Internet in a web page.
    2. Download - Ability to download.

3. Email - Microsoft Word Document attached to an email.
- B. Hard copy report is required to be submitted by the vendor to the District's Health & Safety Department upon completion of the inspection,
- C. Report Format – The inspection report is to include the following sections (or tabs, if hard copy) at a minimum:
  1. Inspection Log – A listing of every device installed in a building by location, services performed and the time and date of service.
  2. Discrepancy Report – A listing of any devices that did not pass the inspection. The report should include a description for each device or item.
  3. Proposed Solutions Report - Solutions for any discrepancies found in the report. This report should include the services to be performed in order to correct any discrepancies found during the inspection.
  4. Device Inventory Report - An inventory listing of the quantity of devices by manufacturer, model number, and installation date. The inventory report should also group by installation date to allow for consideration of replacement of older devices, if necessary or required elsewhere in this specification.
- D. **Delivery of Inspection Reports - Reports shall be completed by the vendor and submitted online for access and review by the District within 24 hours of completion of inspection. Printed reports shall be delivered by the awarded Bidder to the District's Health & Safety Department within 72 hours after completion of inspection. The awarded Bidder shall also provide a complete printed report for the School District Fire Alarm System Logbooks.**

#### 5. Backup/Archive Services

- A. Awarded Bidder shall provide secure online access to data and reports for a period of at least five years. All data and reports shall be available for access 24 hours a day, 365 days a year for a minimum of 5 years using only a standard Internet browser.
- B. After the initial 5 year period, a data archive shall be available for a minimum of 2 years. After this period, data shall be made available on a CD/DVD or other suitable media for archival purposes and delivered to the District upon request.
- C. Data for the system shall be backed up daily onto other hard drive media. Tape backup systems are not permitted for data back-ups.

#### 2.4 TESTING (No Change)

All Fire Alarm System tests must be scheduled in advance with the School Principal or Site Administrator only. All horn tests (sounding of horns) must be conducted after 4:30 PM; personnel at each site must receive advance notice of all Fire Alarm System tests.

#### 2.5 TESTING PROCEDURES (No Change)

Fire Alarm System Testing shall be in accordance with NFPA 72 (2002 Edition) Section 10.4.2.2. The awarded Bidder shall provide dedicated Inspection Team(s) to perform all tests and inspections. The team(s) shall be comprised of a minimum of two (2) dedicated, NICET certified Inspection Technicians. The awarded Bidder shall provide the team(s) with all the necessary Fire Alarm Inspection tools and test equipment. Inspection personnel shall be formally trained on Fire Alarm System Inspection procedures by a nationally recognized training provider.

Before proceeding with testing, all persons and facilities that will receive an alarm, supervisory, or trouble signal as a result of a test shall be notified by the awarded Bidder to prevent unnecessary response. All building occupants shall also be notified. At the conclusion of testing those previously notified shall be further notified that testing has been concluded.

#### 2.6 EQUIPMENT/DEVICE TESTING (No Change)

1. **Horn Tests-** Sounding of horns must be conducted after 4:30 PM; personnel at each site must be noticed in advance of such tests. All tests must be scheduled in advance with the School Principal or Site Administrator only.
2. **Control Equipment-** Awarded Bidder shall test all functions of the system in various alarm and trouble modes, including but not limited to:
  - A. Open circuit conditions, 2) Grounds and 3) Power outage.

- B. All tests shall be in accordance with the system manufacturer's instructions.
  - C. Remove fuse(s) and verify rating and supervision.
  - D. The integrity of single or multiple circuits providing interface between two or more control panels shall be verified. Interface equipment connections shall be tested by operating or simulating operation of the equipment being supervised. Signals required to be transmitted shall be verified at the control panel.
  - E. Lamp and LEDs shall be illuminated.
  - F. The primary (main) power supply shall be tested by disconnecting all secondary (standby) power. The primary (main) power supply shall be tested under maximum load, including all alarm appliances requiring simultaneous operation. All secondary (standby) power shall be reconnected at the end of the test. Redundant power supplies shall be tested separately.
3. **Remote Annunciators-** Remote Annunciators must be verified for proper operation and identification. Where necessary, verify proper operation under fault conditions.
4. **Initiating Devices-**
- A. Pull stations must operate per the manufacturer's specifications and instructions. Key operated pre-signal devices shall be tested for pre-signal and general alarm circuits.
  - B. Each smoke detector shall be tested in place with verification of smoke entry into the sensing chamber and alarm response. Testing with smoke or listed aerosol acceptable to the manufacturer, or other means acceptable to the detector manufacturer shall be permitted as an acceptable test method. Verify that each detector is within its listed and marked sensitivity range by testing using either:
    - 1. A calibrated test method, or
    - 2. The manufacturer's calibrated sensitivity test instrument, or
    - 3. Listed control equipment arranged for the purpose of smoke and/or heat detection.

**Note: The detector sensitivity shall not be tested or measured using any spray device that administers an unmeasured concentration of aerosol into the detector.**
  - C. All air duct detectors shall be tested and inspected to ensure the device will sample the air stream. The test shall be in accordance with the manufacturer's instructions. All air duct detectors shall be cleaned before testing to avoid false alarms.
  - D. Heat detectors such as fixed-temperature, rate-of-rise, rate compensation, restorable line or spot type (except pneumatic tube) type detectors shall be tested with a heat source per manufacturer's recommendations for response within one (1) minute. Precautions shall be taken to avoid damage to the non-restorable fixed-temperature element of any combination heat-of-rise/fixed temperature device. Fixed temperature, non-restorable spot type detectors: determine age of installed devices.
  - E. Water flow devices for "Wet Pipe Systems": functional testing and inspections of water flow and pressure switches. (Static testing only, no water will flow through the system).
  - F. Supervisory devices- control valve switch: operate valve and verify signal receipt within the first two revolutions of the hand wheel or within one-fifth of the travel distance, or manufacturer's specifications. High or Low Pressure Switch: operate switch and verify that signal is obtained where the required pressure is increased or decreased 10psi from the required pressure level.
5. **Alarm Notification Devices-**
- A. Audible – Measure sound pressure levels with sound level meter meeting ANSI S-1.4a, *Sound Level Meters*, Type 2 requirements. Measure and record levels throughout protected area.
  - B. Speakers - Measure sound pressure levels with sound level meter meeting ANSI S-1.4a, *Sound Level Meters*, Type 2 requirements. Measure and record levels throughout protected area. Verify voice clarity.
  - C. Visible – Test in accordance with manufacturer's instructions. Verify device locations are per approved layout and confirm that no floor plan changes affect the approved layout.
6. **Secondary (Standby) Power Supply-** Awarded Bidder shall disconnect all primary (main) power supplies and verify that required trouble indication for loss of primary power occurs. Measure or verify system's standby and alarm current demand and using manufacturer's data, verify whether batteries are adequate to meet standby and alarm requirements. Operate general alarm systems for a minimum of five (5) minutes and

emergency voice communication systems for a minimum of fifteen (15) minutes. Reconnect primary (main) power supply at end of test.

**7. Batteries, General Tests-**

- A. Inspect batteries for corrosion or leakage. Check and ensure tightness of connections. If necessary, clean and coat the battery terminals or connections. Visually inspect electrolyte level in lead acid batteries.
- B. Batteries shall be replaced and disposed of at no additional charge to the District in accordance with the manufacturer's recommendations.
- C. With the battery charger disconnected, load test the batteries per the manufacturer's recommendations. The voltage level shall not fall below the levels specified. An artificial load equal to the full alarm load connected to the battery shall be permitted to be utilized in conducting this test.
- D. Specific Tests:
  1. Sealed Lead-Acid Types:
    - With the batteries fully charged and connected to the charger, verify the batteries are within the tolerance specified by the manufacturer.
    - Under load, the float voltage shall not fall below 2.05 volts per cell.

- 8. Interfaced Equipment-** Interfaced equipment connections shall be tested by operating or simulating the equipment being supervised. Signals required to be transmitted shall be verified at the control panel. Test frequency for the interfaced equipment shall be the same as the frequency required by the applicable NFPA standard(s) for the equipment being supervised.

**9. Special Procedures-**

- A. Alarm Verification: verify time delay and alarm response for smoke detector circuits identified as having alarm verification.
- B. Addressable Systems:
  1. Verify communication between sending and receiving units under both normal and standby power.
  2. Verify communication between sending and receiving units under open and short-circuit trouble conditions.
  3. Verify communication between sending and receiving units.
  4. Verify communication between sending and receiving units in all directions when multiple communication pathways are provided.
  5. When redundant central control equipment is provided, verify switchover and all required functions and operations of secondary control equipment.
  6. Verify all system functions and features in accordance with manufacturer's instructions.
  7. Clean Dust Detectors on an Annual basis to avoid false alarms.

**10. Any device found to be defective or in need of an upgrade due to age shall be immediately reported to the District Representative in writing.**

**2.7 TESTING FREQUENCY (No Change)**

Testing shall be performed in accordance with the schedules in NFPA 72, Table 10.4.3

The successful Bidder shall test the system, sub-systems, and connected devices in accordance with NFPA 72 chapter 10 Table 10.4.2.2 and adhere to School Board supplied schedules.

**2.8 REMOTE MONITORING (No Change)**

1. The awarded Bidder shall provide remote monitoring of the fire alarm systems installed throughout the District, as required by Florida Statutes and NFPA.
2. The District currently has twenty-six (26) monitored fire alarm systems, as additional fire alarm systems come on line they will be added to this contract.
3. The awarded Bidder shall provide a single invoice to the District on a monthly basis for all monitoring accounts.

4. Internal Control panel communicators shall be used if available.
  - A. Awarded Bidder shall supply pricing to program internal communicators for non-monitored systems.
  - B. If the control panel has no internal communication capabilities, the awarded Bidder shall submit a written quote to install a Silent Knight, non-proprietary communicator (or equal). Price shall include all equipment, labor, permitting fees and programming.

## 2.9 NOTIFICATION *(New)*

1. Trouble conditions found on fire alarm panels during inspections shall be submitted in writing to the District's Health & Safety Specialist within four (4) hours. Submission of such report shall be in the format agreed to by the awarded vendor and Owner at the time of the award.
2. Alarm conditions found on fire alarm panels during inspections shall be submitted in writing to the District's Health & Safety Specialist immediately. Submission of such report shall be in the format agreed to by the awarded vendor and Owner at the time of the award.
3. Any systems or components of fire alarm systems which have been found during inspection to have been bypassed, silenced, or any other condition which would render the system or component inoperable shall be immediately submitted in writing to the District's Health & Safety Specialist. Submission of such report shall be in the format agreed to by the awarded vendor and Owner at the time of the award.

## 2.10 QUANTITIES AND PRICE CHANGES *(New)*

The system and device count provided (Attachment "D") is the most current information available to the District. Systems and components may be added and/or deleted throughout the term of this contract. When the District's total component counts change is 5% or less from the device count provided there will be no additional charge or deduct from the bid pricing submitted. When the District's total count change is greater than 5% revised pricing may be submitted to the Purchasing Department. If the Purchasing Department and the Health & Safety Specialist approve the revised pricing as submitted, an amendment to the bid pricing will be submitted to the School Board for approval of the revised pricing.

**Section 3 in the original solicitation shall remain in full force and effect with the exception on Paragraph 3.11. Replace with the following:**

### 3.11 DEFINITION OF RESPONSIVE AND RESPONSIBLE FOR THIS BID *(Revised)*

Each bid submittal shall be evaluated for conformance as responsive and responsible using the following criteria:

- A. Proper submittal of ALL documentation as required by this bid. (Responsive)
- B. The greatest benefits to the School District as it pertains to: (Responsible)
  1. Total Cost
  2. Delivery
  3. Past Performance. In order to evaluate past performance, all bidders are required to submit documentation that provides:
    - a. A list of three references with the bid and;
    - b. A list of relevant projects completed within the last 3 years that are the same or similar to the magnitude of this ITB.
    - c. Demonstration of the provision of exceptional quality of service to the School District of Osceola County, Florida and/or other governmental entities for similar services/projects.
  4. All technical specifications associated with this bid.
  5. Financial Stability: Demonstrated ability, capacity and/or resources to acquire and maintain required staffing.
  6. **Provide a list of employees that may be assigned to perform services under this contract including their names, license number, level of NICET certification and any additional certification that qualifies them to perform the required work.**
  7. **Provide a website address with a demonstration of the proposed web-based reporting system, or provide a demonstration sample on a CD/DV.**

Bidders are reminded that award may not necessarily be made to the lowest bid. Rather, award will be made to the lowest responsive, bidder whose bid represents the best overall value to the School District when considering all evaluation factors.

**Section 4 in the original solicitation shall remain in full force and effect with the exception on the following requirements:**

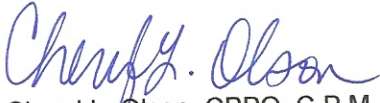
On page 32, delete the submittal requirements in Section 4.0 Paragraph's T. & U.

**Under a separate attachment, see Attachment "C" Revised Price Sheet.**

**Under a separate attachment, see Attachment "D" Revised Device Count which includes the type of Control Panel at each site.**

If you should have any questions regarding this addendum, please do not hesitate to contact Cheryl Jessee, the Purchasing Agent responsible for this project at [jesseec@osceola.k12.fl.us](mailto:jesseec@osceola.k12.fl.us) or by phone at 407-870-4627.

Sincerely,



Cheryl L. Olson, CPPO, C.P.M., CPM, FCCN  
Director of Purchasing and Warehouse Services

CLO/cmj

Acknowledgment of Addendum #2 by Vendor:

This addendum shall be completed by the Vendor and returned with the bid response. If a bid has already been submitted, this addendum must be submitted to the above address in a sealed envelope, which is marked on the outside: Addendum to Bid, Bid title and number.

This is to acknowledge receipt of this addendum, which will become part of the Bid document.

\_\_\_\_\_  
NAME (TYPED OR PRINTED)

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
VENDOR NAME

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PHONE NUMBER

Section 1, Item #	Inspection and Testing Locations	Annual Price Per Location
1	Administrative Building #1	\$
2	Administrative Building #2	\$
3	Administrative Building #3 & #4	\$
4	Administrative Building #5	\$
5	Administrative Building #6	\$
6	Bellalago Charter School	\$
7	Boggy Creek Elementary	\$
8	Celebration School K-8	\$
9	Celebration High School	\$
10	Central Avenue Elementary	\$
11	Challenger - Alternative	\$
12	Chestnut Elementary	\$
13	Curriculum Development Center	\$
14	Community High School	\$
15	Cypress Elementary	\$
16	Deerwood Elementary	\$
17	Denn John Middle School	\$
18	Discovery Intermediate	\$
19	Endeavor - Alternative	\$
20	Flora Ridge Elementary	\$
21	Gateway High School	\$
22	Gateway High School Concession Stand	\$
23	Gateway High School Remote Classroom	\$



Section 1, Item #	Inspections and Testing Locations	Annual Price Per Location
24	Harmony Community School	\$
25	Harmony High School	\$
26	Hickory Tree Elementary	\$
27	Highlands Elementary	\$
28	Horizon Middle School	\$
29	Kissimmee Elementary	\$
30	Kissimmee Middle School	\$
31	Koa Elementary	\$
32	Lakeview Elementary	\$
33	Liberty High School	\$
34	Michigan Avenue Elementary	\$
35	Mill Creek Elementary	\$
36	Narcoossee Elementary	\$
37	Narcoossee Middle School	\$
38	Neptune Elementary	\$
39	Neptune Middle School	\$
40	New Beginnings Educational Complex	\$
41	Adult Learning Center Osceola (Formerly New Beginnings)	\$
42	Osceola County School for the Arts	\$
43	Osceola High School	\$
44	Osceola High School Concession Stand	\$
45	Parkway Middle School	\$
46	Partin Settlement Elementary	\$
47	Pleasant Hill Elementary	\$

Section 1, Item #	Inspection and Testing Locations	Annual Price Per Location
48	Poinciana Elementary	\$
49	Poinciana High School	\$
50	Poinciana Environmental Center "Scrubs"	\$
51	Poinciana Environmental Center "Swamp"	\$
52	Reedy Creek Elementary	\$
53	Ross E. Jeffries/St. Cloud Administrative Annex	\$
54	Simpson Road Administrative Annex	\$
55	Special Programs Title I	\$
56	St. Cloud Elementary	\$
57	St. Cloud High School	\$
58	St. Cloud Middle School	\$
59	Sunrise Elementary	\$
60	Technical Education Center of Osceola (TECO)	\$
61	Thacker Avenue Elementary	\$
62	Transportation Department	\$
63	Ventura Elementary	\$
64	Westside K-8	\$
65	Zenith Alternative	\$
66	<b>TOTALS (Items # 1 - 65)</b>	
		\$

Section 2, Item #	Monitored Locations	Annual Price Per Location
67	Chestnut Elementary	\$
68	Cypress Elementary	\$
69	Flora Ridge Elementary	\$
70	Harmony Community School	\$
71	Hickory Tree Elementary	\$
72	Koa Elementary	\$
73	Liberty High School	\$
74	Michigan Avenue Elementary	\$
75	Mill Creek Elementary	\$
76	Narcoossee Elementary	\$
77	Neptune Elementary	\$
78	Neptune Middle School	\$
79	New Beginnings Educational Complex	\$
80	Adult Learning Center Osceola (Formerly New Beginnings)	\$
81	Osceola County School for the Arts	\$
82	Osceola High School	\$
83	Parkway Middle School	\$
84	Pleasant Hill Elementary	\$
85	Poinciana High School	\$
86	Reedy Creek Elementary	\$
87	St. Cloud Elementary	\$
88	St. Cloud Middle School	\$
89	Sunrise Elementary	\$

Section 2, Item #	Monitored Locations	Annual Price Per Location
90	Technical Education Center of Osceola (TECO)	\$
91	Thacker Avenue Elementary	\$
92	Ventura Elementary	\$
93	Westside K-8	\$
<b>94</b>	<b>TOTALS (Items # 66 - 93)</b>	<b>\$</b>
95	Total Re-Programming fees for all currently monitored facilities	\$
96	Internal Communicator programming fees per FACP (new accounts)	\$
97	Guaranteed Maximum Price for re-certification	\$

Attachment "D" Revised Device Count for  
SDOC10-B-009 CJ, Fire Alarm Systems,  
Inspections, Testing and Monitoring  
SITES

SITES	Control Panel	PULL STATION	HEAT DETECTORS	SMOKE DETECTORS	ANNUNCIATOR	DUCT DETECTORS	AUDIO VISUAL	VISUAL	INTERCOM STATION	SPEAKER VOICE	HORN	EXPANDER PANEL	REMOTE ANNUNCIATOR	Network Voice Transponder	Multiplex Transponder
Administration bldg 1	Notifier 5000	17	3	29	2	6	48	6					6		
Administration bldg 2	Notifier 5000	11	2	19		8	44	5							
Administration bldg 3/4	Simplex 4010	1	6				6		1						
Administration bldg 5	Simplex 4005	16	15	6			18	10							
Administration bldg 6	Notifier AFP-100	6	15	7		2									
Boggy Creek Elementary	Farenhyt IFP-1000	59	17	58			155	101							
Bellalago Charter Academy	Edwards EST-2	95	14	101	4	16	120	76	3	84					
Central Avenue Elementary	Notifier AFP-100	37	48	23	1	22	81	185							
Central Avenue School K-8	Simplex 4020	60	24	102	1	66	146	163				10			
Celebration High School	Notifier AFP-300/AFP-400/VECC25	93	15	183	3	55	306	117		38			12		
Challenger	Edwards EST 2Z6	2		2			2	2							
Chestnut Elementary School	Edwards EST-3	27	15	72	1	16	229	96							
Curriculum Development	Edwards EST 2 Z3	3	3	1			3								
Cypress Elementary School	Farenhyt IFP-1000	14	11	38	2	49	130	27							
Discovery	Simplex 4020	127	144	30	1	36	179	129			52		6		
Denn John Middle School	Simplex 4100U	40	80	30		46	151	53							
Deerwood Elementary School	Farenhyt IFP-1000	37	23	22	2	55	170	83							
Endeavor	Simplex 4004	4		4			4	5							
Environmental Center-Scrubs	Silent Knight 5208	8	9	15			8	6							
Environmental Center-Swamp	Silent Knight 5208	6		11			6	3							
Flora Ridge Elementary	Notifier 640	29	21	74	1	16	200	142		12					
Gateway High School	Simplex 4100, Simplex 4020	178	70	266	1	55	275	80		20					
Gateway High School Concession Stand	Silent Knight 5208	5	2	4			5	2							
Highlands Elementary School	Simplex 4010	50	91	5	4	15	112	57		21					
Harmony Community	Notifier 320	20	5	21		14	138	115							
Harmony High School	Edwards EST-3	115	27	248	3	58	322	201		35					
Horizon Middle School	Simplex 4100	70	154	70	1	45	117	76			27				
Hickory Tree Elementary School	Farenhyt IFP-1000	69	29	23	1	16	102	37							
Kississimmee Elementary School	Notifier AFP 4000	81	127	7		50	117	76							
Kississimmee Middle School	Farenhyt IFP-1000	46	185	19	1	36	132	85		21	18		6		
Koa Elementary School	Edwards EST-3	25	6	19	1	17	117	85							
Lakeview Elementary School	Simplex 4020	77	44	50		20	122	76							
Liberty High School	Edwards EST-3	80	27	248	3	58	256	210		54					
Michigan Avenue Elementary School	Farenhyt IFP-1000	44	12	15	1	25	93	54							
Mill Creek Elementary School	Farenhyt IFP-1000	95	61	26	1	17	149	134							
Narcoossee Elementary School	Notifier 320	25	6	16	1	14	152	85		21					
Narcoossee Middle School	Simplex 4020	138	141	30	1	30	182	149			53				
Neptune Elementary School	FCI 7100	20	2	31	1	16	146	149		15					
Neptune Middle School	Farenhyt IFP-1000	150	53	172	1	29	212	91		9					
New Beginnings Educational Complex	Notifier NFW2-100	13	2	11	2	18	100	45							
ALCO (formerly New Beginnings)	FCI 7100-2d	56	64	30	6	7	86	68							
New Beginnings Admin Annex (portables)	Simplex 4005	18	9	9			15	14			1				
Osceola County School for the Arts	Edwards EST-2	52	10	63		6	98	18							
Osceola Education Center (Zenith)	Silent Knight 5820	15		134	1	12	93	56							
Osceola High School	Simplex 4020, Gamewell FLEX-4	148	334	64	11	73	286	108		11					

Attachment "D" Revised Device Count for SDOC10-B-009 C.J. Fire Alarm Systems, Inspections, Testing and Monitoring SITES		Control Panel	PULL STATION	HEAT DETECTORS	SMOKE DETECTORS	ANNUNCIATOR	DUCT DETECTORS	AUDIO VISUAL	VISUAL	INTERCOM STATION	SPEAKER VOICE	HORN	EXPANDER PANEL	REMOTE ANNUNCIATOR	Network Voice Transponder	Multiplex Transponder
Osceola High School Concession Stand	Silent Knight 5208	4	4	4	5	1	5	120	15		10		1	6	1	8
Parkway Middle School	Farenhyt IFP-1000	54	128	16	7	1	28	171	132				14			
Poinciana Elementary School	Edwards EST-2	112	144	7	1	50	50	171	132							
Pleasant Hill Elementary	Farenhyt IFP-1000	96	72	14	22	22	146	78	78							
Poinciana High School	Farenhyt IFP-1000	134	171	219	1	53	299	74	74		11		13			
Partin Settlement Elementary School	Edwards EST-2	48	34	120	2	17	198	150	150							
Reedy Creek Elementary School	Farenhyt IFP-1000	78	64	35	2	11	161	136	136			19				
Ross E Jeffries	Simplex 4005	34	56	7	10	10	36	28	28		12		17			
St Cloud Elementary	Edwards EST-3	25	8	84	1	16	190	140	140			4				
St Cloud High School	Simplex 4020, Simplex 4004 (x4)	173	266	33	1	56	219	61	61							
St Cloud High School Portable Complex	Farenhyt IFP-1000	21	40	1	1	39	166	41	41							
St Cloud Middle School	FCI 7200, Silent Knight 5208	50	52	80		1	13	9	9							
Special Programs	FCI 7200	9	19	1	1	1	13	9	9				1			
Sunrise Elementary School	Edwards EST-3	29	21	74	16	200	142	12	12							
Thacker Avenue Elementary	Farenhyt IFP-1000	44	53	17	1	41	74	68	68			28				
TECO/PATHS	Farenhyt IFP-1000	72	68	71	23	27	153	34	34				8			
Transportation	Mirtone, EST-3	14	2	2	10	51										
Ventura Elementary School	Simplex 4100, Simplex 4100U	74	35	62	33	223	13	13	13		180	2				
Westside K-8 School	Silent Knight 5820	17	5	16	1	26	88	153	153							
<b>TOTALS</b>		<b>3370</b>	<b>3166</b>	<b>3272</b>	<b>94</b>	<b>1485</b>	<b>7981</b>	<b>4554</b>	<b>4</b>	<b>588</b>	<b>204</b>	<b>107</b>	<b>43</b>	<b>1</b>	<b>8</b>	