



# Fire Alarm Replacement at West Campus Charter School

Invitation for Bids # ED-23-03

General Information		
<b>Project Cost Estimate</b>	\$320,000	See Section 1.4
<b>Project Timeline</b>	9 weeks from NTP with an estimated start date of June 9, 2023.	See Section 1.4
<b>Evaluation of Proposals</b>	Staff	See Section 1.7
<b>Mandatory Site Visit</b>	10:00 a.m. on April 19, 2023 at the Main Office of City of Pembroke Pines Charter School West Campus, located at 1680 SW 184th Ave, Pembroke Pines, FL 33029.	See Section 1.8
<b>Question Due Date</b>	April 24, 2023	See Section 1.8
<b>Proposals will be accepted until</b>	2:00 p.m. on May 2, 2023	See Section 1.8
<b>5% Proposal Security / Bid Bond</b>	Required in the event that the proposal exceeds \$200,000	See Section 4.1
<b>100% Payment and Performance Bonds</b>	Required in the event that the proposal exceeds \$200,000	See Section 4.2
<b>Grant or Federal Funding Information</b>	Not Applicable	Not Applicable

THE CITY OF PEMBROKE PINES  
PROCUREMENT DEPARTMENT  
8300 SOUTH PALM DRIVE  
PEMBROKE PINES, FLORIDA 33025  
(954) 518-9020



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#### ATTACHMENTS

- Attachment A: Non-Collusive Affidavit
- Attachment B: Sample Insurance Certificate
- Attachment C: Specimen Contract - **Construction Agreement**
- Attachment D: Standard Release of Lien Form
- Attachment E: West Campus Fire Accessories Specifications
- Attachment F: West Campus Pre-K Building P Floor Plan
- Attachment G: West Campus K-5 Building E Floor Plan
- Attachment H: West Campus Building I Floor Plan
- Attachment I: West Campus Complex Layout





## **SECTION 1 - INSTRUCTIONS**

### **1.1 NOTICE**

Notice is hereby given that the City Commission of the City of Pembroke Pines is seeking sealed proposals for:

#### **IFB # ED-23-03**

#### **Fire Alarm Replacement at West Campus Charter School**

Solicitations may be obtained from the City of Pembroke Pines website at <http://www.ppines.com/index.aspx?NID=667> and on the <https://ppines.bonfirehub.com/> website.

If you have any problems downloading the solicitation, please contact the Bonfire Support at [Support@GoBonfire.com](mailto:Support@GoBonfire.com).

If additional information help is needed with downloading the solicitation package please contact the Procurement Department at (954) 518-9020 or by email at [purchasing@ppines.com](mailto:purchasing@ppines.com). The Procurement Department hours are between 7:00 a.m. - 6:00 p.m. on Monday through Thursday and is located at 8300 South Palm Drive, Pembroke Pines, Florida 33025.

The City requires all questions relating to the solicitation be entered through the "Messages" section for the specific project on the <https://ppines.bonfirehub.com/> website. Under the "Messages" section, vendors will find the "Opportunity Q&A" tab in which they can ask their specific question(s). Responses to the questions will be provided online at [https://ppines.bonfirehub.com](https://ppines.bonfirehub.com/). Such request must be received by the "Question Due Date" stated in the solicitation. The issuance of a response via Bonfire is considered an Addendum and shall be the only official method whereby such an interpretation or clarification will be made.

**Proposals will be accepted until 2:00 p.m., Tuesday, May 2, 2023.** Proposals must be submitted electronically at <https://ppines.bonfirehub.com/>. The sealed electronic proposals will be publicly opened at 2:30 p.m. by the City Clerk's Office, in the City Hall Administration Building, 4<sup>th</sup> Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025.

#### **1.1.1 VIRTUAL BID OPENING**

The City may not be opening up the physical location for public access.

As a result, meetings may be a combination of in-person and virtual, all as provided by law. **In any event, the public is encouraged to attend the bid opening process virtually in lieu of attending the meeting in person.**



Bid openings for this project will be live-streamed from the City Clerk's Office, in the City Hall Administration Building, 4th Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025 at **2:30 PM on the bid due date**.

While recognizing the importance of public accessibility to the bid openings, and considering public health concerns, in the abundance of caution, the City is requesting that interested parties utilize live streaming as a safe way for vendors and the public to view the bid opening process in lieu of attending the meeting in person.

The public is invited to attend the meeting virtually via the Cisco Webex Meetings platform.

- WebEx Meeting Link: <https://ppines.webex.com/meet/purchasing>
- Cisco Webex Meeting Number: 717 019 586
- Join by Phone Number: +1-408-418-9388

The public may download the **Cisco Webex Meetings app** from <https://www.webex.com/downloads.html/>, to view and listen to the meeting, however please make sure to mute your phone/microphone/device's audio and camera as the **public may attend the meeting but will not be allowed to comment or participate in the proceedings.**

If any member of the public requires additional information about this meeting or has any questions about how to access the meeting, please contact:

Danny Bedit, Procurement Department  
City of Pembroke Pines  
8300 South Palm Drive,  
Pembroke Pines, FL 33025  
954-518-9022  
[purchasing@ppines.com](mailto:purchasing@ppines.com)

## **1.2 PURPOSE**

The City of Pembroke Pines is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to replace the fire alarm systems at the Pembroke Pines Charter School West Campus complex, located at 1680 SW 184<sup>th</sup> Ave, Pembroke Pines, FL 33029, in accordance with the terms, conditions, and specifications contained in this solicitation.

## **1.3 SCOPE OF WORK**

- The contractor will provide complete engineered plans and shop drawings, product data submittals, Florida PE seal, and is responsible for all permits. Please see attached drawings for reference.



- Contractor shall properly install a non-proprietary addressable Notifier Fire-Lite alarm system. Fire alarm system must be ADA and code FFPC 7<sup>th</sup> ed. NFPA 72,2022 and NFPA 70,2020 compliant.
- Contractor shall provide all materials, labor, equipment, and any other necessary items required for the complete turnkey installation.
- Initiation of the Fire alarm system shall be by smoke detector over Fire Alarm Control Panel (FACP), and addressable manual pull stations.
- Remove and replace all existing audio/visual devices and replace with American Disability Act (ADA) compliant Audio Visual (A/V) devices.
- Add additional ADA A/V devices where required by current code. All devices will be synchronized per the requirements of ADA.
- All existing wiring and cable will be replaced. The use of existing conduit is approved, and new raceway or conduit will be added where needed.
- Contractor to provide a price per linear feet to replace conduit, and raceway.
- Contractor to provide single unit price (including labor and material) for extra strobe light, speaker strobe, addressable pull station, addressable smoke detector, addressable heat detector and addressable duct detector with test switches, relay modules and smoke detector head.
- All new installed devices must be 100% compatible with the new Fire-Lite monitoring Panel.
- The new Fire Alarm system will be monitored by the current fire monitoring company.
- Remove the old fire alarm panel and replace with a Fire-Lite 200 X and install a new lock box.
- Provide surge protection for the Fire Alarm Panel.
- Seal all wall and floor openings with Fire retardant material (3M Fire Barrier sealant – red)
- Replace all damaged ceiling tiles.
- Patch, paint, and repair any damage to walls, ceiling, or other surfaces to match existing surfaces.
- Upon completion of installation the contractor will program, inspect, and test the fire alarm system.
- Fire alarm system training for selected city staff by contractor is required.
- Provide one year of workmanship warranty and minimum three year manufacturer's warranty for the installed equipment.
- Existing Fire alarm system must be operational until new fire alarm system is tested and inspected.
- Weekend and night work may be required to maintain regular school operations.
- Any use of parking shall be requested in advance.
- Contractor should limit their use on the premise for work and storage, to allow for owner's occupancy.



- The successful bidder and/or contractor shall employ a competent English speaking superintendent who shall attend the project site during the progress of the work. The superintendent shall be the primary representative for the bidder and/or contractor, all communications given to, and all decisions made by the superintendent shall be binding to the bidder and/or contractor.
- Winning Bidder and/or contractor always keeps construction side clean, and materials and tools secured at end of workday.
- Verification of all dimensions, square footages, linear footages, descriptions, and quantities are the responsibility of the successful bidder and/or contractor.
- Contractor shall be cleared and badged by Broward County Schools in the event work is to be completed while school is in session. If so, at least one crew member present at all times shall have the school badge clearance.
- It is the awarded contractor's responsibility to provide personnel for a requested Firewatch.
- Timeframe to complete job is a total of 68 calendar days from Notice to Proceed. Work is scheduled to be started and completed during summer school break scheduled from June 9, 2023 to complete by last day of summer August 15, 2023.

### **1.3.1 WEST CAMPUS K-5**

**Location:** Building E, 1680 SW 184<sup>th</sup> Ave, Pembroke Pines, FL 33029

<b>Description</b>	<b>Estimated Quantity</b>
Fire-Lite 200 X addressable control	1
Wireless GSM Communicator	1
4 Zone 10 Amp power supply with batteries	2
Fire-Lite ECC 50/100 with expansion	1
Annunciator with remote microphone	2
Addressable smoke detectors	80
Addressable duct detectors with test switch, relay modules and smoke detector	31
Addressable pull stations	9
Mini modules for sprinkler tamper switches	2
Mini modules for flow switch monitor	2
Addressable heat detectors	7
Speaker strobes	58
Strobe lights	39
Outdoor bell	1
Surge protection 110 VAC circuits, SLC circuits, 5 notification circuits	1



### **1.3.2 WEST CAMPUS PRE-K**

**Location:** Building P & I, 1680 SW 184<sup>th</sup> Ave, Pembroke Pines, FL 33029

<b>Description</b>	<b>Estimated Quantity</b>
Fire-Lite 200 X addressable controller	1
Wireless GSM Communicator	1
4 Zone 10 Amp power supply with batteries	1
Fire-Lite ECC 50-100 Voice Evac	1
Annunciator with remote microphone	1
Addressable smoke detectors	44
Addressable duct detectors with test switch, relay modules and smoke detector	24
Addressable pull stations	11
Mini modules for sprinkler tamper switches	2
Mini modules for flow switch monitor	2
Addressable heat detectors	6
Speaker strobes	30
Strobe lights	21
Outdoor bell	1
Surge protection 110 Vac circuits, SLC circuits, 5 notification circuits	1
Provide connection for door release	1

### **1.4 PROJECT COST ESTIMATE & TIMELINE**

Staff estimates this project to cost approximately \$320,000, which does not include permit costs.

Please note that the City will waive all City related permit, license, impact or inspection fees (including the Building Department and Engineering Department Permit Fees) related to this project. Any related State or County fees, for the aforementioned permits, will be paid by the City.

In addition, the City shall cover the cost for any other permit fees related to external entities through the City's Owner's Contingency for this project, **therefore proposers should not include permit costs in their total proposal price.**

The work shall be completed within 9 weeks from issuance of CITY's Notice to Proceed, with an estimated start date of June 9, 2023.

In addition, please note the city's average time for a contractor to apply for and receive an approved permit is 30 days; delays in this timeline caused by the contractor's failure to actively monitor the permit process and submit all required documentation in a timely manner, will count against the project's contractual completion period.



### **1.4.1 PERMIT, LICENSE, IMPACT OR INSPECTION FEES**

With the exception of the City related permit, license, impact or inspection fees (including the Building Department and Engineering Department Permit Fees), which will be waived for this project, the City does not anticipate any additional permit, license, impact or inspection fees for this project.

## **1.5 PROPOSAL REQUIREMENTS**

The <https://ppines.bonfirehub.com> website allows for vendors to complete, scan and upload their documents as part of the proposer's submittal on the website.

Prospective proposers interested in responding to this solicitation are requested to provide all of the information listed in this section. Submittals that do not respond completely to all of requirements specified herein may be considered non-responsive and eliminated from the process. Brevity and clarity are encouraged.

The Bonfire system utilizes "Questionnaires" to request the following information from prospective proposers.

### **1.5.1 Pricing Sheet / Bid Tables**

1. **Bid Table:** The vendor must provide their pricing through the designated lines items listed on the Excel Sheet that is available for download on the Bonfire website under the "**Pricing Sheet / Bid Table**" section. Please follow the instructions given in this package and on the Excel Sheet to complete and upload the information back onto the Bonfire website.
2. **Primary Responses:** This tab of the Bid Table includes a "**Vendor Notes**" column for any additional comments regarding the requested line item(s). A comment is required in the "**Vendor Notes**" column. If the vendor does not need to submit any comments, please enter N/A or similar.
  - a. Below is a sample of the "**Primary Responses**" tab of the Bid Table:

**Primary Responses**  
Success: All data is valid!

Status	Bid/No Bid Decision	#	Item	Numeric	Text	Total Cost
				Unit Price	Vendor Notes	
Success: All values provided	Bid	#0-1	Lump Sum for Building E, P & I	\$ 300,000.00	N/A	\$ 300,000.00
Not Bidding	No Bid	#0-2	Conduit Per Linear FT			-
Not Bidding	No Bid	#0-3	Raceway Per Linear FT			-
Not Bidding	No Bid	#0-4	Addressable Duct Detectors with Test Switch, Relay Modules and Smoke Detector Per Unit			-
Not Bidding	No Bid	#0-5	Addressable Heat Detector Per Unit			-
Not Bidding	No Bid	#0-6	Addressable Smoke Detector Per Unit			-
Not Bidding	No Bid	#0-7	Addressable Pull Station Per Unit			-
Not Bidding	No Bid	#0-8	Strobe Light Per Unit			-
Not Bidding	No Bid	#0-9	Speaker Strobe Per Unit			-

Instructions Primary Responses Additional Responses



3. **Additional Responses:** This tab of the Bid Table allows for bidders to submit alternative options. Substitutions of brands or products must be submitted as an alternative for the City’s review and approval.
  - a. To submit an alternative, the vendor must copy the information for the corresponding line item from the “#” column in the “**Primary Responses**” tab and paste it into the “**Additional Responses**” tab to identify which item they are providing an alternative option for.
  - b. Vendors are required to identify the substitution of brands or products in the “**Vendor Notes**” column.
  - c. For additional information on uploading supporting documentation for the proposed alternative(s), please refer to **Section 1.5.4(3)**.
  - d. Below is a sample of the “**Additional Responses**” tab of the Bid Table:

Additional Responses						
Success: All data is valid!						
Status	#	Item	Unit of Measurement	Numeric	Text	Total Cost
				Unit Price	Vendor Notes	
Success: All values provided	#0-5	Strobe Light	Per Unit	\$ 8.00	Alternate Model Name	\$ 8.00
Instructions Primary Responses <b>Additional Responses</b>						

## 1.5.2 Questionnaires

1. Contact Information Form
2. Proposer’s Background Information
3. Vendor Registration Checklist
4. **References Form:** Provide specific examples of similar contracts delivered by the proposed team members. Provide details on related projects (preferably where the team was the same). A minimum of 3 references should be from the last five years and should be capable of explaining and confirming your firm’s capacity to successfully complete the scope of work outlined herein. As part of the proposal evaluation process, the City may conduct an investigation of references, including a record check or consumer affairs complaints. Proposers’ submission of a proposal constitutes acknowledgment of the process and consent to investigate. The City is the sole judge in determining Proposers qualifications. In this section you will have the ability to enter information for 5 different references including the Reference Contact Information and the specific Project Information.

In addition, **do not provide City of Pembroke Pines projects as any of your references and do not utilize any current City of Pembroke Pines employees as reference contacts.**





- A) References Contact Information
  - a. Name of Firm, City, County or Agency
  - b. Address
  - c. Contact Name
  - d. Contact Title
  - e. Contact E-mail Address
  - f. Contact Telephone #
- B) Project Information
  - a. Name of Contractor Performing the work
  - b. Name and location of the project
  - c. Nature of the firm's responsibility on the project
  - d. Project duration
  - e. Completion (Anticipated) Date
  - f. Size of project
  - g. Cost of project
  - h. Work for which staff was responsible

### **1.5.3 Other Completed Documents**

1. Attachment A: Non-Collusive Affidavit
2. Proposal Security (Bid Bond Form or Cashier's Check)
  - a. Each Proposal should be accompanied by a certified or cashier's check or by a Bid Bond made payable to the City of Pembroke Pines on an approved form, duly executed by the Proposer as principal and having as surety thereon a surety company acceptable to CITY and authorized to write such Bond under the laws of the State of Florida, in an amount not less than five percent (5%) of the amount of the base Proposal price.
  - b. Contingency is not to be counted in the total amount the proposal security is based on.
  - c. Proposers must submit a scanned copy of their bid security (bid bond form or cashier's check) with their bid submittal through Bonfire.
  - d. Proposers should also submit their original bid security (bid bond form or cashier's check) at time of the bid due date, or they may be deemed as non-responsive.
  - e. The original Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # ED-23-03 "Fire Alarm Replacement at West Campus Charter School"**" and sent to the City of Pembroke Pines, City Clerk's Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.





- f. Please see SECTION 4 - SPECIAL TERMS & CONDITIONS of this document for additional information.

#### **1.5.4 Optional Documentation**

##### **1. Trade Secrets:**

- a. The Proposer's response to this solicitation is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this solicitation and the Contract to be executed for this solicitation, subject to the provisions of Chapter 119.07 of the Florida Statutes.
- b. Any language contained in the Proposer's response to the solicitation purporting to require confidentiality of any portion of the Proposer's response to the solicitation, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be void. If a Proposer submits any documents or other information to the City which the Proposer claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Proposer shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Proposer must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Proposer's response to the solicitation constitutes a Trade Secret.
- c. EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED. ALL DOCUMENTS THAT THE FIRM PURPORTS TO BE CONFIDENTIAL, PROPRIETARY OR A TRADE SECRET SHALL BE UPLOADED TO THE BONFIRE WEBSITE AS A SEPARATE ATTACHMENT, IN THIS SECTION, CLEARLY IDENTIFYING THE EXEMPTION BEING CLAIMED UNDER FLORIDA STATUTES 119.07.
- d. The city's determination of whether an exemption applies shall be final, and the proposer agrees to defend, indemnify, and hold harmless the city and the city's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the city's treatment of records as public records.



**2. Financial Statements:**

- a. The City is **not** requesting the vendor to submit any financial statements for this project and prefers if the vendor does not submit financial statements. In addition, if the City needs a copy of the vendor's financial statements, the City can contact the vendor after the bid due date to request those documents. However, if the vendor does submit the financial statements, they should be uploaded in this section.
- b. Any claim of confidentiality on financial statements must be asserted at the time of submittal. The firm must identify the specific statute that authorizes the exemption from the Public Records Law. Please note that the financial statement exemption provided for in Section 119.071(1)c, Florida Statutes only applies to submittals in response to a solicitation for a "public works" project.

**3. Alternatives:**

- a. If you are submitting an alternative product, please upload any related information in this section (such as specification sheets, etc.).
- b. In addition, pursuant to **Section 3.7 "Brand Names,"** if and wherever in the specifications a brand name, make, name of manufacturer, trade name, or vendor catalog number is mentioned, it is for the purpose of establishing a grade or quality of material only. Since the City does not wish to rule out other competition and equal brands or makes, the phrase "OR EQUAL" is added. However, if a product other than that specified is bid, Proposers shall indicate on their proposal and clearly state the proposed substitution and deviation. It is the vendor's responsibility to provide any necessary documentation and samples within their bid submittal to prove that the product is equal to that specified. Such samples are to be furnished before the date of bid opening, unless otherwise specified. Additional evidence in the form of documentation and samples may be requested if the proposed brand is other than that specified. The City retains the right to determine if the proposed brand shall be considered as an approved equivalent or not.

**4. Additional Information:**

- a. Please provide any additional information that you deem necessary to complete your proposal in this section, if it has not been requested in another section.



## **1.6 VENDOR REGISTRATION DOCUMENTS**

The <https://ppines.bonfirehub.com/> website will allow vendors to update their information and documents on an as-needed basis. This process is intended to make the bidding process easier for vendors that bid on multiple City projects. This process will allow vendors to complete and submit the following standard forms and documents at any time prior to bidding on a project. In addition, the vendors will be able to utilize these same forms without the need to re-fill and re-submit the forms each time they bid on a City project. In the event that the City does not have one of the forms or documents listed below for your company, the City may reach out to your company after the bid has closed to obtain the document(s).

**Furthermore, please make sure to update this information on an as-needed basis so that all pertinent information is accurate, such as local business tax receipts, and any other relevant information.**

The following documents can be completed prior to the bidding process through the <https://ppines.bonfirehub.com/> website and do not need to be attached to your submittal as the Bonfire website will automatically include it.

### **1.6.1 Vendor Information Form**

### **1.6.2 Form W-9 (Rev. October 2018)**

- a. Previously dated versions of this form will delay the processing of any payments to the selected vendor.

### **1.6.3 Company Profile Form**

### **1.6.4 Sworn Statement on Public Entity Crimes Form**

### **1.6.5 Equal Benefits Certification Form**

### **1.6.6 Vendor Drug-Free Workplace Certification Form**

### **1.6.7 Scrutinized Company Certification**

### **1.6.8 E-Verify System Certification Statement**

- a. Effective January 1, 2021, pursuant to Section 448.095, Florida Statutes, the City may not enter into a contract with a vendor/contractor/subcontractor unless that vendor/contractor/subcontractor is registered with and uses the E-Verify system administered by the U.S. Department of Homeland Security ("DHS").
- b. Contractor shall also require all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an



unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract.

#### **1.6.9 Veteran Owned Small Business Preference Certification**

- a. If claiming Veteran Owned Small Business Preference Certification, business must attach the “Determination Letter” from the United States Department of Veteran Affairs Center for Verification and Evaluation notifying the business that they have been approved as a Veteran Owned Small Business (VOSB).
- b. The Veteran Owned Small Business Preference Certification form must be completed by/for the proposer; the proposer **WILL NOT** qualify for Veteran Owned Small Business Preference based on their sub-contractors’ qualifications.

#### **1.6.10 Local Business Tax Receipts**

#### **1.6.11 Local Vendor Preference Certification**

### **1.7 EVALUATION OF PROPOSALS & PROCESS OF SELECTION**

- A. Staff will evaluate all responsive proposals received from proposers who meet or exceed the bid requirements contained in the solicitation. Evaluations shall be based upon the information contained in the proposals as submitted.
- B. Staff will make a recommendation to the City Commission for award of contract.

### **1.8 TENTATIVE SCHEDULE OF EVENTS**

<b>Event</b>	<b>Time &amp;/or Date</b>
Issuance of Solicitation (Posting Date)	<b>April 11, 2023</b>
Mandatory Site Visit	<b>10:00 a.m. on April 19, 2023</b>
Question Due Date	<b>April 24, 2023</b>
Anticipated Date of Issuance for the Addenda with Questions and Answers	<b>April 26, 2023</b>
Proposals will be accepted until	<b>2:00 p.m. on May 2, 2023</b>
Proposals will be opened at	<b>2:30 p.m. on May 2, 2023</b>
Evaluation of Proposals by Staff	<b>May 2, 2023 – May 17, 2023</b>
Recommendation of Contractor to City Commission award	<b>May 17, 2023</b>
Issuance of Notice to Proceed	<b>June 9, 2023</b>
Project Commencement	<b>Not later than 10 days after NTP</b>
Project Completion	<b>9 weeks after NTP</b>



### **1.8.1 MANDATORY SITE VISIT**

**A site visit is required prior to submitting a proposal.**

There will be a scheduled site visit on April 19, 2023 at 10:00 a.m. Meeting location will be at the Main Office of City of Pembroke Pines Charter School West Campus, located at 1680 SW 184<sup>th</sup> Ave, Pembroke Pines, FL 33029. The contractors are required to visit all buildings in the West Campus complex.

In the event that a contractor cannot attend the scheduled site visit, or if a contractor would like a follow up visit to the site, they may request a site visit by contacting Irene Munarriz at (954) 518-9061. We urge all contractors to attend the scheduled meeting, as a separate or follow-up meeting may not be afforded to the requester due to scheduling and availability of staff to assist with any additional meetings. In addition, if making a request for a separate or follow-up meeting, contractors are urged to make these requests as early as possible.

**Contractors may be required to sign in at any of the meetings to show proof of attendance. It is the vendor's responsibility to make sure that they sign in at the meeting.**

### **1.9 SUBMISSION REQUIREMENTS**

Bids/proposals **must be submitted electronically** at <https://ppines.bonfirehub.com/> on or before 2:00 p.m. on May 2, 2023.

Please note vendors should be registered on Bonfire under the name of the organization that they are operating as and it should match the organization name on the documents that they are submitting and utilizing when responding to the solicitation.

In addition, the vendor must complete any questionnaires on the <https://ppines.bonfirehub.com/> website and provide any additional information requested throughout this solicitation. Any additional information requested in the solicitation should be scanned and uploaded.

The City recommends for proposers to submit their proposals as soon as they are ready to do so. Please allow ample time to submit your proposals on the <https://ppines.bonfirehub.com/> website. Proposals may be modified or withdrawn prior to the deadline for submitting Proposals. Bonfire Support is happy to help you with submitting your proposal and to ensure that you are submitting your proposals correctly, but we ask that you contact [Support@GoBonfire.com](mailto:Support@GoBonfire.com) with ample time before the bid closing date and time.

**PLEASE DO NOT SUBMIT ANY PROPOSALS VIA MAIL, E-MAIL OR FAX.**

However, please note that any required Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # ED-23-03 "Fire Alarm Replacement at**



**West Campus Charter School”** and sent to the City of Pembroke Pines, City Clerk’s Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.



## **SECTION 2 - INSURANCE REQUIREMENTS**

### **2.1 INDEMNIFICATION:**

Yes No

- ☒ 2.1.1 General Indemnification: The CONTRACTOR shall indemnify and hold harmless the CITY and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the CITY or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the CONTRACTOR or its employees, agents, servants, partners, principals or subcontractors. The CONTRACTOR shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorneys' fees which may issue thereon. The CONTRACTOR expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONTRACTOR shall in no way limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

Yes No

- ☐ \* 2.1.2 Indemnification for Design Professionals and Construction Contracts: The CONTRACTOR shall indemnify and hold harmless the CITY, its officers and employees from any and all liability, losses or damages, including reasonable attorneys' fees and costs of defense, which the CITY, its officers and employees, may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature to the extent such claims are caused by negligence, recklessness, or intentional wrongful conduct of the CONTRACTOR and other persons employed or utilized by CONTRACTOR during performance of this Agreement. The CONTRACTOR shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorneys' fees which may issue thereon. The CONTRACTOR expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONTRACTOR shall in no way limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

2.2 CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the CITY nor shall the CONTRACTOR allow any subcontractor to commence work on any subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

2.3 Certificates of Insurance, reflecting evidence of the required insurance, shall be filed with the CITY's Risk Manager prior to the commencement of this Agreement. Policies shall be issued by companies authorized to do business under the laws of the State of Florida. The insurance company





shall be rated no less than “A” as to management, and no less than “Class VI” as to financial strength according to the latest edition of Best’s Insurance Guide published by A.M. Best Company.

2.4 Certificates of Insurance shall provide for thirty (30) days’ prior written notice to the CITY in case of cancellation or material changes in the policy limits or coverage states. If the carrier cannot provide thirty (30) days’ notice of cancellation, either the CONTRACTOR or their Insurance Broker must agree to provide notice.

2.5 Insurance shall be in force until all obligations required to be fulfilled under the terms of the Agreement are satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the period of this Agreement, the CONTRACTOR shall furnish, at least forty-five (45) days prior to the expiration of the date of such insurance, a renewed certificate of insurance as proof that equal and like coverage for the balance of the period of the Agreement and extension thereunder is in effect. The CONTRACTOR shall neither commence nor continue to provide any services pursuant to this Agreement unless all required insurance remains in full force and effect. CONTRACTOR shall be liable to CITY for any lapses in service resulting from a gap in insurance coverage.

## 2.6 REQUIRED INSURANCE

CONTRACTOR shall be required to obtain all applicable insurance coverage, as indicated below, prior to commencing any work pursuant to this Agreement:

Yes No

✓ ☐ 2.6.1 Comprehensive General Liability Insurance written on an occurrence basis including, but not limited to: coverage for bodily injury and property damage, personal & advertising injury, products & completed operations, and contractual liability. Coverage must be written on an occurrence basis, with limits of liability no less than:

1. Each Occurrence Limit - \$1,000,000
2. Fire Damage Limit (Damage to rented premises) - \$100,000
3. Personal & Advertising Injury Limit - \$1,000,000
4. General Aggregate Limit - \$2,000,000
5. Products & Completed Operations Aggregate Limit - \$2,000,000

Products & Completed Operations Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement. *(For Construction projects: Increase to ten (10) years and include a Designated Construction Project(s) General Aggregate Limit)*





**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ✓ ☐ 2.6.2 Workers' Compensation and Employers' Liability Insurance covering all employees, and/or volunteers of the CONTRACTOR engaged in the performance of the scope of work associated with this Agreement. In the case any work is sublet, the CONTRACTOR shall require the subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. Coverage for the CONTRACTOR and all subcontractors shall be in accordance with applicable state and/or federal laws that may apply to Workers' Compensation Insurance with limits of liability no less than:

1. Workers' Compensation: Coverage A – Statutory
2. Employers Liability: Coverage B \$500,000 Each Accident  
\$500,000 Disease – Policy Limit  
\$500,000 Disease – Each Employee

If CONTRACTOR claims to be exempt from this requirement, CONTRACTOR shall provide CITY proof of such exemption along with a written request for CITY to exempt CONTRACTOR, written on CONTRACTOR letterhead.

Yes No

- ✓ ☐ 2.6.3 Comprehensive Auto Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the performance of work under this Agreement, with a combined single limit of liability for bodily injury and property damage no less than:

1. Any Auto (Symbol 1)  
Combined Single Limit (Each Accident) - \$1,000,000
2. Hired Autos (Symbol 8)  
Combined Single Limit (Each Accident) - \$1,000,000
3. Non-Owned Autos (Symbol 9)  
Combined Single Limit (Each Accident) - \$1,000,000

If work under this Agreement includes transportation of hazardous materials, policy shall include pollution liability coverage equivalent to that provided by the latest version of the ISO pollution liability broadened endorsement for auto and the latest version of the ISO Motor Carrier Act endorsement, equivalents or broader language.

Yes No

- ☐ 2.6.3.1 If CONTRACTOR requests reduced limits under a Personal Auto Liability Policy and it is agreed to by the CITY, coverage shall include Bodily Injury limits of



\$100,000 per person/\$300,000 per occurrence and Property Damage limits of \$300,000 per occurrence

Yes No

- ☒ ☐ 2.6.4 Umbrella/Excess Liability Insurance in the amount of **\$2,000,000.00** as determined appropriate by the CITY depending on the type of job and exposures contemplated. Coverage must be follow form of the General Liability, Auto Liability and Employer's Liability. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☒ 2.6.5 Professional Liability/Errors & Omissions Insurance with a limit of liability no less than **\$1,000,000** per wrongful or negligent act. This coverage shall be maintained for a period of no less than three (3) years after the delivery of goods/services final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years.)*

Yes No

- ☐ ☒ 2.6.6 Environmental/Pollution Liability insurance shall be required with a limit of no less than \$1,000,000 per wrongful act. Coverage shall include: CONTRACTOR's completed operations, sudden, accidental and gradual pollution conditions. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☒ 2.6.7 Cyber Liability including Network Security and Privacy Liability with a limit of liability no less than \$1,000,000 per loss. Coverage shall include liability arising from: theft, dissemination and/or use of confidential information stored or transmitted in electronic form, unauthorized access to, use of, or tampering with computer systems, including hacker attacks or inability of an authorized third party to gain access to your



services, including denial of service, and the introduction of a computer virus into, or otherwise causing damage to, a customer's or third person's computer, computer system, network, or similar computer-related property and the data, software and programs thereon. If vendor is collecting credit card information, it shall cover all PCI breach expenses. Coverage is to include the various state monitoring and state required remediation as well as meet the various state notification requirements. This coverage shall be maintained for a period of no less than the later of three (3) years after delivery of goods/services or final payment of the Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ \* 2.6.8 Crime Coverage shall include employee dishonesty, forgery or alteration, and computer fraud in an amount of no less than \$1,000,000 per loss. If CONTRACTOR is physically located on CITY's premises, a third-party fidelity coverage extension shall apply.

Yes No

- ☐ \* 2.6.9 Garage Liability & Garage-keepers Legal Liability for those that manage parking lots for the CITY or service CITY vehicles. Coverage must be written on an occurrence basis, with limits of liability no less than \$1,000,000 per Occurrence, including products & completed operations. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ \* 2.6.10 Liquor Liability for those in the business of selling, serving or furnishing of any alcoholic beverages, whether licensed or not, shall carry a limit of liability of no less than \$1,000,000 per occurrence. Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No



- ☐ \* 2.6.11 Sexual Abuse & Molestation for any agreement involving a vulnerable population. Limits shall be no less than \$500,000 per occurrence. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed.)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ \* 2.6.12 Builder's Risk Insurance shall be "All Risk" for one hundred percent (100%) of the completed value of the project that is the subject of this Agreement with a deductible of not more than five percent (5%) for Named Windstorm and \$20,000 per claim for all other perils. The Builder's Risk Insurance shall include interests of the CITY, the CONTRACTOR and subcontractors of the project. The CONTRACTOR shall include a separate line item for all costs associated with the Builder's Risk Insurance Coverage for the project. The CITY reserves the right at its sole discretion to utilize the CONTRACTOR's Builder's Risk Insurance or for the CITY to purchase its own Builder's Risk Insurance for the Project. Prior to the CONTRACTOR purchasing the Builder's Risk insurance for the project, the CONTRACTOR shall allow the CITY the opportunity to analyze the CONTRACTOR's coverage and determine who shall purchase the coverage. Should the CITY utilize the CONTRACTOR's Builder's Risk Insurance, the CONTRACTOR shall be responsible for all deductibles. If the CITY chooses to purchase the Builder's Risk Coverage on the project, the CONTRACTOR shall provide the CITY with a change order deduct for all premiums and costs associated with the Builder's Risk insurance in their schedule. Should the CITY choose to utilize the CITY's Builder's Risk Program, the CITY shall be responsible for the Named Windstorm Deductible and the CONTRACTOR shall be responsible for the All Other Perils Deductible.

If and when 100% is not available or reasonable, the CITY Risk Manager is to make the determination as to what limits are appropriate for the given project.

## 2.7 REQUIRED ENDORSEMENTS

- 2.7.1 The City of Pembroke Pines shall be named as an Additional Insured on each of the Liability Policies required herein.
- 2.7.2 Waiver of all Rights of Subrogation against the CITY.
- 2.7.3 Thirty (30) Day Notice of Cancellation or Non-Renewal to the CITY.
- 2.7.4 CONTRACTOR's policies shall be Primary & Non-Contributory.
- 2.7.5 All policies shall contain a "severability of interest" or "cross liability" clause without obligation for premium payment of the CITY.
- 2.7.6 The City of Pembroke Pines shall be named as a Loss Payee on all Property and/or Inland Marine Policies as their interest may appear.



2.8 Any and all insurance required of the CONTRACTOR pursuant to this Agreement must also be required by any subcontractor in the same limits and with all requirements as provided herein, including naming the CITY as an additional insured, in any work that is subcontracted unless such subcontractor is covered by the protection afforded by the CONTRACTOR and provided proof of such coverage is provided to CITY. The CONTRACTOR and any subcontractors shall maintain such policies during the term of this Agreement.

2.9 The CITY reserves the right to require any other additional types of insurance coverage and/or higher limits of liability it deems necessary based on the nature of work being performed under this Agreement.

2.10 The insurance requirements specified in this Agreement are minimum requirements and in no way reduce any liability the CONTRACTOR has assumed in the indemnification/hold harmless section(s) of this Agreement.



## **SECTION 3 - GENERAL TERMS & CONDITIONS**

### **3.1 EXAMINATION OF CONTRACT DOCUMENTS**

Before submitting a Proposal, each Proposer should (a) consider federal, state and local laws, ordinances, rules and regulations that may in any manner affect cost or performance of the work, (b) study and carefully correlate the Proposer's observations with the Proposal Documents; and (c) notify the Purchasing Manager of all conflicts, errors and discrepancies, if any, in the Proposal Documents.

The Proposer, by and through the submission of a Proposal, agrees that Proposer shall be held responsible for having familiarized themselves with the nature and extent of the work and any local conditions that may affect the work to be done and the services, equipment, materials, parts and labor required.

### **3.2 CONFLICT OF INSTRUCTIONS**

If a conflict exists between the General Conditions and Instructions stated herein and specific conditions and instructions contained in specifications, the specifications shall govern.

### **3.3 ADDENDA or ADDENDUM**

A formal solicitation may require an Addendum to be issued. An addendum in some way may clarify, correct or change the original solicitation (i.e. due date/time, specifications, terms, conditions, line item). Vendors submitting a proposal should check the Bonfire website for any addenda issued. Vendors are cautioned not to consider verbal modifications to the solicitation, as the addendum issued through Bonfire will be the only official method whereby changes will be made.

### **3.4 INTERPRETATIONS AND QUESTIONS**

If the Proposer is in doubt as to the meaning of any of the Proposal Documents, is of the opinion that the Conditions and Specifications contain errors or contradictions or reflect omissions, or has any question concerning the conditions and specifications, the Proposer shall submit a question for interpretation or clarification. The City requires all questions relating to the solicitation be entered through the “**Messages**” section for the specific project on the <https://ppines.bonfirehub.com/> website. Under the “**Messages**” section, vendors will find the “**Opportunity Q&A**” tab in which they can ask their specific question(s). Responses to the questions will be provided online at <https://ppines.bonfirehub.com>. Such request must be received by the “**Question Due Date**” stated in the solicitation. Questions received after “**Question Due Date**” shall not be answered. Interpretations or clarifications in response to such questions will be issued via Bonfire. The issuance of a response via Bonfire is considered an Addendum and shall be the only official method whereby such an interpretation or clarification will be made.

Bonfire Support is also available to assist proposers with submitting their proposal and to ensure that proposers are submitting their proposals correctly. Proposers should ensure that they contact Bonfire support at [Support@GoBonfire.com](mailto:Support@GoBonfire.com) with ample time before the bid closing date and time.

For all other questions related to this solicitation, please contact the Purchasing Department at [purchasing@ppines.com](mailto:purchasing@ppines.com).

### **3.5 RULES, REGULATIONS, LAWS, ORDINANCES and LICENSES**

The awarded contractor shall observe and obey all laws, ordinances, rules, and regulations of the federal, state, and CITY, which may be applicable to the service being provided. The awarded firm shall have or be responsible for obtaining all necessary





permits or licenses required, if necessary, in order to provide this service.

Proposer warrants by submittal that prices quoted here are in conformity with the latest federal price guidelines, if any.

### **3.6 WARRANTIES FOR USAGE**

Whenever a bid is sought, seeking a source of supply for a specified time for materials or service, the quantities or usage shown are estimated only. No guarantee or warranty is given or implied by the City as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for proposer's information only and will be used for tabulation and presentation of bid.

### **3.7 BRAND NAMES**

If and wherever in the specifications a brand name, make, name of manufacturer, trade name, or vendor catalog number is mentioned, it is for the purpose of establishing a grade or quality of material only. Since the City does not wish to rule out other competition and equal brands or makes, the phrase "OR EQUAL" is added. However, if a product other than that specified is bid, Proposers shall indicate on their proposal and clearly state the proposed substitution and deviation. It is the vendor's responsibility to provide any necessary documentation and samples within their bid submittal to prove that the product is equal to that specified. Such samples are to be furnished before the date of bid opening, unless otherwise specified. Additional evidence in the form of documentation and samples may be requested if the proposed brand is other than that specified. The City retains the right to determine if the proposed brand shall be considered as an approved equivalent or not.

### **3.8 QUALITY**

All materials used for the manufacture or construction of any supplies, materials, or equipment covered by this bid shall be new,

the latest model, of the best quality, and highest grade workmanship, unless otherwise noted.

### **3.9 SAMPLES**

Samples, when requested, must be furnished before, or at the bid opening, unless otherwise specified, and delivered free of expense to the City and if not used in testing or destroyed, will upon request within thirty (30) days of bid award be returned at the proposer's expense.

### **3.10 ESTIMATED QUANTITIES**

No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased pursuant to this solicitation. Estimated quantities will be used for comparison and ranking purposes only. The City is not obligated to contract for a given amount of commodities/services subsequent to the award of this solicitation. The City reserves the right to issue separate purchase orders as needed, issue a blanket purchase order, and release partial quantities, or any combination of the preceding as deemed necessary by the City.

### **3.11 DEVELOPMENT COSTS**

Neither the City nor its representatives shall be liable for any expenses incurred in connection with the preparation, submission or presentation of a Bid in response to this solicitation. All information in the Bid shall be provided at no cost to the City.

### **3.12 PRICING**

Prices should be stated in units of quantity specified in the bidding specifications. In case of discrepancy in computing the amount of the bid, the unit prices quoted will govern.

Proposer warrants by virtue of bidding that prices, terms, and conditions quoted in his bid will be firm for acceptance for a period of ninety (90) days from date of bid opening



unless otherwise stated by the City or proposer.

### **3.13 DELIVERY POINT**

All items shall be delivered F.O.B. destination, and delivery cost and charges included in the bid price. Failure to do so may be cause for rejection of bid.

### **3.14 TAX EXEMPT STATUS**

The City is exempt from Florida Sales and Federal Excise taxes on direct purchase of tangible property.

### **3.15 CONTRACT TIME**

By virtue of the submission of the Proposal, Proposer agrees and fully understands that the completion time of the work of the Contract is an essential and material condition of the Contract and that time is of the essence. The Successful Proposer agrees that all work shall be prosecuted regularly, diligently and uninterrupted at such rate of progress as will ensure full completion thereof within the time specified. Failure to complete the work within the time period specified shall be considered a default.

In addition, time will be of the essence for any orders placed as a result of this bid. Purchaser reserves the right to cancel such orders, or part thereof, without obligation if delivery is not made at the time(s) or place(s) specified.

### **3.16 COPYRIGHT OR PATENT RIGHTS**

Proposer warrants that there have been no violations of copyrights or patent rights in manufacturing, producing, or selling other goods shipped or ordered as a result of this bid, and seller agrees to hold the purchaser harmless from any and all liability, loss or expense occasioned by such violation.

### **3.17 PUBLIC ENTITY CRIMES**

"A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not

submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."

The Public Entity Crime Affidavit Form, in the Vendor Registration module on the Bonfire website, includes documentation that shall be executed by an individual authorized to bind the Proposer. The Proposer further understands and accepts that any contract issued as a result of this solicitation shall be either voidable or subject to immediate termination by the City. In the event there is any misrepresentation or lack of compliance with the mandates of Section 287.133 or Section 287.134, respectively, Florida Statutes. The City in the event in such termination, shall not incur any liability to the Proposer for any goods, services or materials furnished.

### **3.18 CONFLICT OF INTEREST**

The award of any contract hereunder is subject to the provisions of Chapter 112, Florida Statutes. Proposers must disclose with their Proposal the name of any officer, director, partner, proprietor, associate or agent who is also an officer or employee of CITY or any of its agencies. Further, all Proposers must disclose the name of any officer or employee of CITY who owns, directly or indirectly, an interest of five percent (5%) or more in the Proposer's firm or any of its branches or affiliate companies.

### **3.19 FACILITIES**





The City reserves the right to inspect the Proposer's facilities at any time with prior notice.

### **3.20 ENVIRONMENTAL REGULATIONS**

CITY reserves the right to consider Proposer's history of citations and/or violations of environmental regulations in determining a Proposer's responsibility, and further reserves the right to declare a Proposer not responsible if the history of violations warrant such determination. Proposer shall submit with the Proposal, a complete history of all citations and/or violations, notices and dispositions thereof. The non-submission of any such documentation shall be deemed to be an affirmation by the Proposer that there are no citations or violations. Proposer shall notify CITY immediately of notice of any citation or violation that Proposer may receive after the Proposal opening date and during the time of performance of any contract awarded to Proposers.

### **3.21 SIGNATURE REQUIRED**

All proposals must be signed with the firm name and by an officer or employee having authority to bind the company or firm by his signature. FAILURE TO PROPERLY SIGN PROPOSAL SHALL INVALIDATE SAME, AND IT MAY NOT BE CONSIDERED FOR AWARD.

The individual executing this Bid on behalf of the Company warrant to the City that the Company is authorized to do business in the State of Florida, is in good standing and that Company possesses all of the required licenses and certificates of competency required by the State of Florida and Broward County to provide the goods or perform the services herein described.

The signed bid shall be considered an offer on the part of the proposer or contractor, which offer shall be deemed accepted upon approval by the City Commission of the City of Pembroke Pines and in case of default on

the part of the proposer or contractor after such acceptance, the City of Pembroke Pines may take such action as it deems appropriate including legal action for damages or specific performance.

### **3.22 MANUFACTURER'S CERTIFICATION**

The City of Pembroke Pines reserves the right to request from proposer separate manufacturer certification of all statements made in the proposal.

### **3.23 MODIFICATION OR WITHDRAWAL OF PROPOSAL**

The City recommends for proposers to submit their proposals as soon as they are ready to do so. Please allow ample time to submit your proposals on the Bonfire website. Proposals may be modified or withdrawn prior to the deadline for submitting Proposals.

### **3.24 PUBLIC BID; BID OPENING AND GENERAL EXEMPTIONS**

All submittals received by the deadline will be recorded, and will subsequently be publicly opened on the same business day at 2:30 p.m. at the office of the City Clerk, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.

All Proposals received from Proposers in response to the solicitation will become the property of CITY and will not be returned to the Proposers. In the event of Contract award, all documentation produced as part of the Contract shall become the exclusive property of CITY. Proposers are requested to identify specifically any information contained in their Proposals which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law.

Pursuant to Section 119.071 of the Florida Statutes, sealed bids, proposals, or replies received by a Florida public agency shall



remain exempt from disclosure until an intended decision is announced or until 30 days from the opening, whichever is earlier.

Therefore, proposers will not be able to procure a copy of their competitor's bids until an intended decision is reached or 30 days has elapsed since the time of the bid opening.

However, pursuant to Section 255.0518 of the Florida Statutes, when opening sealed bids that are received pursuant to a competitive solicitation for **construction or repairs on a public building or public work**, the entity shall:

- (a) Open the sealed bids at a public meeting.
- (b) Announce at that meeting the name of each bidder and the price submitted in the bid.
- (c) Make available upon request the name of each bidder and the price submitted in the bid.

For solicitations that are **not** for **"construction or repairs on a public building or public work"** the City shall not reveal the prices submitted in the bids until an intended decision is announced or until 30 days from the opening, whichever is earlier.

### 3.25 RESERVATIONS FOR REJECTION AND AWARD

The City of Pembroke Pines reserves the right to accept or reject any and all bids or parts of bids, to waive irregularities and technicalities, and to request rebids. The City also reserves the right to award a contract on such items(s) or service(s) the City deems will best serve its interests. All bids shall be awarded to the most responsive/responsible proposer, provided the (City) may for good cause reject any bid or part thereof. It further reserves the right to award a contract on a split order basis, or such combinations as shall best serve the interests of the City unless otherwise specified. No premiums, rebates or gratuities permitted, either with, prior to, or

after award. This practice shall result in the cancellation of said award and/or return of items (as applicable) and the recommended removal of proposer from bid list(s).

### 3.26 BID PROTEST

Any protests or challenges to this competitive procurement shall be governed by Section 35.38 of the City's Code of Ordinances.

### 3.27 INDEMNIFICATION

The Successful Proposer shall pay all claims, losses, liens, settlements or judgments of any nature whatsoever in connection with the subsequent indemnifications including, but not limited to, reasonable attorney's fees (including appellate attorney's fees) and costs.

CITY reserves the right to select its own legal counsel to conduct any defense in any such proceeding and all costs and fees associated therewith shall be the responsibility of Successful Proposer under the indemnification agreement. Nothing contained herein is intended nor shall it be construed to waive City's rights and immunities under the common law or Florida Statute 768.28 as amended from time to time.

Additional indemnification requirements may be included under Special Terms and Conditions and/or as part of a specimen contract included in the solicitation package.

**General Indemnification:** To the fullest extent permitted by laws and regulations, Successful Proposer shall indemnify, defend, save and hold harmless the CITY, its officers, agents and employees, harmless from any and all claims, damages, losses, liabilities and expenses, direct, indirect or consequential arising out of or in consequential arising out of or alleged to have arisen out of or in consequence of the products, goods or services furnished by or operations of the Successful Proposer or his subcontractors, agents, officers, employees



or independent contractors pursuant to or in the performance of the Contract.

**Indemnification for Design Professionals and Construction Contracts:** The Successful Proposer shall indemnify and hold harmless the CITY, its officers and employees, from any and all liability, losses or damages, including reasonable attorneys' fees and costs of defense, which the CITY, its officers and employees, may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature to the extent such claims are caused by the negligence, recklessness, or intentional wrongful conduct of the Successful Proposer and other persons employed or utilized by the Successful Proposer during performance of the resulting Agreement.

**Patent and Copyright Indemnification:** Successful Proposer agrees to indemnify, defend, save and hold harmless the CITY, its officers, agents and employees, from all claims, damages, losses, liabilities and expenses arising out of any alleged infringement of copyrights, patent rights and/or the unauthorized or unlicensed use of any invention, process, material, property or other work manufactured or used in connection with the performance of the Contract, including its use by CITY.

### 3.28 DEFAULT PROVISION

In the case of default by the proposer or contractor, the City of Pembroke Pines may procure the articles or services from any other sources and hold the proposer or contractor responsible for any excess costs occasioned or incurred thereby.

The City shall be the sole judge of nonperformance, which shall include any failure on the part of the successful Proposer to accept the Award, to furnish required documents, and/or to fulfill any portion of the contract within the time stipulated. Upon default by the successful Proposer to meet any terms of this agreement, the City will notify the Proposer five (5) days (weekends

and holidays excluded) to remedy the default. Failure on the Contractor's part to correct the default within the required five (5) days shall result in the contract being terminated and upon the City notifying in writing the Contractor of its intentions and the effective date of the termination. The following shall constitute default:

A. Failure to perform the Work required under the contract and/or within the time required or failing to use the subcontractor, entities and personnel as identified and set forth, and to the degree specified in the contract.

B. Failure to begin the Work under this Bid within the time specified.

C. Failure to perform the Work with sufficient Workers and equipment or with sufficient materials to ensure timely completion.

D. Neglecting or refusing to remove materials or perform new Work where prior Work has been rejected as non-conforming with the terms of the contract.

E. Becoming insolvent, being declared bankrupt, or committing act of bankruptcy or insolvency, or making an assignment renders the successful Proposer incapable of performing the Work in accordance with and as required by the contract.

F. Failure to comply with any of the terms of the contract in any material respect.

In the event of default of a contract, the successful Proposer shall pay all attorney's fees and court costs incurred in collecting any damages. The successful Proposer shall pay the City for any and all costs incurred in ensuing the completion of the project.

Additional provisions may be included in the specimen contract.

### 3.29 ACCEPTANCE OF MATERIAL

The material delivered under this proposal shall remain the property of the seller until a



physical inspection and actual usage of this material and/or services is made and thereafter accepted to the satisfaction of the City and must comply with the terms herein, and be fully in accord with specifications and of the highest quality. In the event the material and/or services supplied to the City are found to be defective or do not conform to specifications, the City reserves the right to cancel the order upon written notice to the seller and return product to seller at the sellers expense.

### **3.30 LOCAL GOVERNMENT PROMPT PAYMENT ACT**

The City complies with Florida Statute 218.70, Local Government Prompt Payment Act.

### **3.31 SCRUTINIZED COMPANIES LIST**

In accordance with Florida Statute 287.135, as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with an agency or local governmental entity for goods or services of:

(a) Any amount of, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725, or is engaged in a boycott of Israel; or

(b) One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:

1. Is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473; or

2. Is engaged in business operations in Syria.

By submitting a bid, proposal or response, the company, principals or owners certify that they are not listed on the Scrutinized Companies that boycott Israel List, Scrutinized Companies with activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is engaged in business operations in Syria.

### **3.32 PUBLIC RECORDS; TRADE SECRET, PROPRIETARY AND CONFIDENTIAL SUBMITTALS**

The Proposer's response to this solicitation is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this solicitation and the Contract to be executed for this solicitation, subject to the provisions of Chapter 119.07 of the Florida Statutes.

Any language contained in the Proposer's response to the solicitation purporting to require confidentiality of any portion of the Proposer's response to the solicitation, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be void. If a Proposer submits any documents or other information to the City which the Proposer claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Proposer shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Proposer must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Proposer's response to the solicitation constitutes a Trade Secret.





Any claim of confidentiality on financial statements must be asserted at the time of submittal. The firm must identify the specific statute that authorizes the exemption from the Public Records Law. Please note that the financial statement exemption provided for in Section 119.071(1)c, Florida Statutes only applies to submittals in response to a solicitation for a "public works" project.

EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED. ALL DOCUMENTS THAT THE FIRM PURPORTS TO BE CONFIDENTIAL, PROPRIETARY OR A TRADE SECRET SHALL BE UPLOADED TO THE BONFIRE WEBSITE AS A SEPARATE ATTACHMENT CLEARLY IDENTIFYING THE EXEMPTION BEING CLAIMED UNDER FLORIDA STATUTES 119.07.

The city's determination of whether an exemption applies shall be final, and the proposer agrees to defend, indemnify, and hold harmless the city and the city's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the city's treatment of records as public records.

### **3.33 PURCHASING AGREEMENTS WITH OTHER GOVERNMENT AGENCIES**

It is hereby made part of this solicitation that the submission of any bid response to this advertised request constitutes a bid made under the same or similar terms and conditions, for the same price, or better price, to other government agencies if agreeable by the proposer and the government agency.

At the option of the vendor/contractor, the use of the contract resulting from this

solicitation may be extended to other governmental agencies, including the State of Florida, its agencies, political subdivisions, counties, and cities.

Each governmental agency allowed by the vendor/contractor to use this contract shall do so independently of any other governmental entity. Each agency shall be responsible for its own purchases and shall be liable only for goods or services ordered, received, and accepted. No agency receives any liability by virtue of this bid and subsequent contract award.

### **3.34 CONE OF SILENCE**

**Prohibited Communication:** In accordance with the Cone of Silence Ordinance, Section 35.40 of the City's Code of Ordinances, during the course of a sealed competitive solicitation, a cone of silence shall be in effect between:

(1) Any person or entity that seeks a contract, contract amendment, award, recommendation, or approval related to a sealed competitive solicitation or that is subject to being evaluated or having its response evaluated in connection with a sealed competitive solicitation, including a person or entity's representative; and

(2) The City Manager or any person or group of persons appointed or designated by the City Commission or the City Manager to evaluate, select, or make a recommendation to the City Commission or the City Manager regarding a sealed competitive solicitation, including any member of the selection/evaluation committee.

**Effective Dates:** A cone of silence shall be in effect during a sealed competitive solicitation process beginning upon the advertisement for the sealed competitive solicitation or during such other procurement activities as declared by the City Commission, and shall terminate at the time the City Commission takes final action or gives final approval of a contract, rejects all bids or responses to the sealed competitive



solicitation, or takes other action which ends the sealed competitive solicitation process.

**Permitted Communication:** The cone of silence shall not apply to:

(1) Written or oral communications with legal counsel for the city, the Procurement Department staff for the city, and the person or persons designated in the sealed competitive solicitation as the contact person for clarification or information related to the sealed competitive solicitation.

(2) Public presentations, asking questions, or providing feedback at pre-bid meetings, site visits or conferences or at a selection, evaluation or negotiation meeting related to the sealed competitive solicitation.

(3) Contract negotiations with the selected entity.

**Violations:** Any action in violation of this section shall be cause for disqualification of the bid or the proposal.

### 3.35 E-VERIFY

Contractor certifies that it is aware of and complies with the requirements of Section 448.095, Florida Statutes, as may be amended from time to time and briefly described herein below.

#### 1) Definitions for this Section:

a) "Contractor" means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration. "Contractor" includes, but is not limited to, a vendor or consultant.

b) "Subcontractor" means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

c) "E-Verify system" means an Internet-based system operated by the United States Department of Homeland Security that allows participating employers to electronically verify the employment eligibility of newly hired employees.

#### 2) Registration Requirement; Termination:

Pursuant to Section 448.095, Florida Statutes, effective January 1, 2021, Contractors, shall register with and use the E-verify system in order to verify the work authorization status of all newly hired employees. Contractor shall register for and utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of:

a) All persons employed by a Contractor to perform employment duties within Florida during the term of the contract; and

b) All persons (including subvendors / subconsultants / subcontractors) assigned by Contractor to perform work pursuant to the contract with the City of Pembroke Pines. The Contractor acknowledges and agrees that registration and use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with the City of Pembroke Pines; and

c) The Contractor shall comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes, but is not limited to registration and utilization of the E-Verify System to verify the work authorization status of all newly hired employees. Contractor shall also require all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply



will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. Termination of this Contract under this Section is not a breach of contract and may not be considered as such. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of one (1) year after the date of termination.

### **3.36 JESSICA LUNSFORD ACT**

Background screening requirements for Contractor's performing services for or at City's Charter Schools. (1) Except as provided in §§1012.467 or 1012.468, Florida Statutes, non-instructional school employees or contractual personnel who (i) are permitted access on school grounds when students are present, (ii) who have direct contact with students or, (iii) who have access to or control of school funds must meet level 2 screening requirements as described in §1012.32, Florida Statutes. Contractual personnel shall include any Contractor, individual, or entity under contract with the City engaged to perform services for or at City's Charter Schools.

(2) Every 5 years following employment or entry into a resulting contract in a capacity described in subsection (1), each person who is so employed or under contract with the City must meet level 2 screening requirements as described in §1012.32, Florida Statutes, at which time the City shall request the Department of Law Enforcement to

forward the fingerprints to the Federal Bureau of Investigation for the level 2 screening. If, for any reason following employment or entry into a resulting contract in a capacity described in subsection (1), the fingerprints of a person who is so employed or under contract with the City are not retained by the Department of Law Enforcement under §1012.32(3)(a) and (b), Florida Statutes, the person must file a complete set of fingerprints with the City. Upon submission of fingerprints for this purpose, the City shall request the Department of Law Enforcement to forward the fingerprints to the Federal Bureau of Investigation for the level 2 screening, and the fingerprints shall be retained by the Department of Law Enforcement under §1012.32(3)(a) and (b), Florida Statutes. The cost of the state and federal criminal history check required by level 2 screening shall be borne by the Contractor, or the person fingerprinted. Under penalty of perjury, each person who is employed or engaged to perform a resulting contract in a capacity described in subsection (1) must agree to inform his or her employer or the party with whom he or she is under contract within 48 hours if convicted of any disqualifying offense while he or she is employed or under a resulting contract in that capacity. (3) If it is found that a person who is employed or under contract in a capacity described in subsection (1) does not meet the level 2 requirements, the person shall be immediately suspended from working in that capacity and shall remain suspended until final resolution of any appeals.



## **SECTION 4 - SPECIAL TERMS & CONDITIONS**

### **4.1 PROPOSAL SECURITY**

**Proposal Security Requirements:** In the event the proposal exceeds \$200,000, each Proposal must be accompanied by a certified or cashier's check or by a Bid Bond made payable to the City of Pembroke Pines on an approved form, duly executed by the Proposer as principal and having as surety thereon a surety company acceptable to CITY and authorized to write such Bond under the laws of the State of Florida, in an amount not less than five percent (5%) of the amount of the base Proposal price.

Proposers must submit a scanned copy of their bid security (bid bond form or cashier's check) with their bid submittal through Bonfire. Proposers must also submit their original bid security (bid bond form or cashier's check) at time of the bid due date, or they may be deemed as non-responsive. The original Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # ED-23-03**" "**Fire Alarm Replacement at West Campus Charter School**" and sent to the:

City of Pembroke Pines,  
City Clerk's Office, 4th Floor,  
601 City Center Way,  
Pembroke Pines, Florida, 33025.

**Successful Proposer:** The Proposal Security of the Successful Proposer will be retained until such Proposer has executed the Contract and furnished the required insurance, payment and performance bonds, whereupon the Proposal Security will be returned. If the Successful Proposer fails to execute and deliver the Contract and furnish the required insurance and bonds within fifteen (15) calendar days of the Notice of Award, CITY may annul the Notice of Award and the entire sum of the Proposal Security shall be forfeited.

**Three Lowest Proposers:** The Proposal Security of the three (3) lowest Proposers will be returned within seven (7) calendar days after CITY and the Successful Proposer have executed the written Contract or if no such written Contract is executed within ninety (90) calendar days after the date of the Proposal opening, upon the demand of any Proposer at any time thereafter, provided that he has not been notified of the acceptance of his Proposal.

**All Other Proposers:** Proposal Security of all other Proposer will be returned within seven (7) calendar days after the proposal opening. The agent or attorney in fact or other officer who signs a Bid Bond for a surety company must file with such bond a certified copy of his power of attorney authorizing him to do so.

### **4.2 PAYMENT AND PERFORMANCE BONDS**

In the event the proposal exceeds \$200,000, within fifteen (15) calendar days after Notice of Award and in any event prior to commencing work, the Contractor shall execute and furnish to City a performance bond and a payment bond, each written by a corporate surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years. The surety shall hold a current certificate of authority from the Secretary of Treasury of the United States as an acceptable surety on federal bonds in accordance with United States Department of Treasury Circular No. 570. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular and the excess risks must be protected by coinsurance, reinsurance, or other methods, in accordance with Treasury Circular 297, revised September 1, 1978 (31DFR, Section





223.10, Section 223.11). Further, the surety company shall provide City with evidence satisfactory to City, that such excess risk has been protected in an acceptable manner. The surety company shall have at least the following minimum qualification in accordance with the latest edition of A.M. Best's Insurance Guide, published by Alfred M. Best Company, Inc., Ambest Road, Oldwick, New Jersey 08858:

B+ to A+

Two (2) separate bonds are required and both must be approved by the City. **The penal sum stated in each bond shall be 100% of the contract price.** The performance bond shall be conditioned that the Contractor performs the contract in the time and manner prescribed in the contract. The payment bond shall be conditioned that the Contractor promptly make payments to all persons who supply the Contractor with labor, materials and supplies used directly or indirectly by the Contractor in the prosecution of the work provided for in the Contract and shall provide that the surety shall pay the same in the amount not exceeding the sum provided in such bonds, together with interest at the maximum rate allowed by law; and that they shall indemnify and save harmless the City to the extent of any and all payments in connection with the carrying out of said Contract which the City may be required to make under the law.

Pursuant to the requirements of Section 255.05(1)(a), Florida Statutes, it shall be the duty of the Contractor to record the aforesaid payment and performance bonds in the public records of Broward County, with the Contractor to pay all recording costs.

#### 4.3 OWNER'S CONTINGENCY

While the specifications contained in this solicitation and any ensuing Purchase Orders or contracts have incorporated all anticipated work to be accomplished, there may be unanticipated work required of the

vendor in conjunction with a specific project. For this reason, the City Commission may award a project with an "Owner's Contingency". This contingency or allowance authorizes the City execute change orders up to the amount of the contingency without the need to obtain additional Commission approval. The Owner's Contingency is usually based on a specified percent of the proposed project amount and is established for the specific project being performed under the contract. This dollar amount shall be shown on the specific project purchase order as a distinct item from the vendor's overall offer to determine the total potential dollar value of the contract. It is hereby understood and agreed that the vendor shall not expend any dollars in connection with the Owner's Contingency without the expressed prior approval of the City's authorized representative. Any Owner's Contingency funds that have not been utilized at the end of the project will remain with the Owner, the contractor shall only be paid for the proposed project cost as approved by the City Commission along with any Owner Contingency expenses that were approved by the City's authorized representative.

#### 4.4 TAX SAVER PROGRAM

The Contractor shall cooperate on certain projects to allow the City to avail itself of a sales tax savings program.

#### 4.5 RELEASE OF LIEN

Contractor must provide an executed Partial/Final Release of Lien utilizing the City's standard Release of Lien Form in order for the City to release any payments to the Contractor.

#### 4.6 SOLID WASTE CONSTRUCTION AND DEMOLITION DEBRIS COLLECTION AND DISPOSAL REQUIREMENTS



The City of Pembroke Pines has an exclusive solid waste franchise agreement with Waste Pro of Florida, Inc. for the collection and disposal of all solid waste including construction and demolition (C & D) debris. All applicants for bids to perform construction work for the City of Pembroke Pines shall be subject to the requirements found in the City's exclusive solid waste franchise agreement and must contract Waste Pro of Florida, Inc. for the collection and disposal of all construction and demolition debris generated at such construction job sites.

For the current applicable rates and fees for Waste Pro of Florida, Inc. dumpsters, roll-off containers, and other related solid waste service equipment needs, please contact David Perez, Waste Pro's Pembroke Pines Sales Representative at (954) 967-4200 or [dperez@wasteprousa.com](mailto:dperez@wasteprousa.com).

For further information related to the solid waste franchise requirements, please contact Rose Colombo, Solid Waste Franchise Agreement Contract Manager, at (954) 518-9011 or [rcolombo@ppines.com](mailto:rcolombo@ppines.com).

For solid waste franchise enforcement questions, please contact the City of Pembroke Pines Code Compliance Unit at (954) 431-4466.



**NON-COLLUSIVE AFFIDAVIT**

BIDDER is the

\_\_\_\_\_,  
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature \_\_\_\_\_

Title \_\_\_\_\_

Name of Company \_\_\_\_\_

# ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD[YY])

PRODUCER

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.

## INSURERS AFFORDING COVERAGE

INSURED

**YOUR COMPANY NAME HERE**

INSURER A:

INSURER B:

INSURER C:

INSURER D:

INSURER E:

**Companies providing coverage**

## COVERAGES

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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DDYY)	POLICY EXPIRATION DATE (MM/DDYY)	LIMITS
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> policy <input type="checkbox"/> project <input type="checkbox"/> loc	<b>Must Include General Liability</b>			EACH OCCURRENCE \$
					FIRE DAMAGE (Any one fire) \$
					MED EXP (Any one person) \$
					PERSONAL & ADV INJURY \$
					GENERAL AGGREGATE \$
					PRODUCTS - COMP/OP AGG \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	<b>SAMPLE CERTIFICATE</b>			
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$
					OTHER THAN EA ACC \$
					AUTO ONLY: AGG \$
	<b>EXCESS LIABILITY</b> OCCUR <input type="checkbox"/> CLAIMS MADE  DEDUCTIBLE RETENTION \$				EACH OCCURRENCE \$
					AGGREGATE \$
					\$
					\$
					\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>				WC STATUTORY LIMITS OTH-ER
					E.L. EACH ACCIDENT \$
					E.L. DISEASE - EA EMPLOYEE \$
					E.L. DISEASE - POLICY LIMIT \$
	<b>OTHER</b>				

**Certificate must contain wording similar to what appears below**

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCL

**"THE CERTIFICATE HOLDER IS NAMED AS ADDITIONALLY INSURED WITH REGARD TO GENERAL LIABILITY"**

CERTIFICATE HOLDER

ADDITIONAL INSURED; INSURER LETTER:

CANCELLATION

**City of Pembroke Pines**  
601 City Center Way  
Pembroke Pines FL 33025

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE, THE CERTIFICATE HOLDER SHALL MAIL 30 DAYS WRITTEN NOTICE TO THE INSURER.

**City Must Be Named as Certificate Holder**

AUTHORIZED REPRESENTATIVE



## CONSTRUCTION AGREEMENT

**THIS AGREEMENT** (“Agreement”), dated \_\_\_\_\_, is entered into by and between:

**CITY OF PEMBROKE PINES**, a municipal corporation of the State of Florida with a business address of **601 City Center Way, Pembroke Pines, Florida 33025** hereinafter referred to as "CITY",

and

{---Company Name---},{---Corporation Type---} as listed with the Florida Division of Corporations, authorized to do business in the State of Florida, and with a business address of {---Street1---}, {---Street2---}, {---City---} {---State/Province---} {---Postal Code---} (hereinafter referred to as the “CONTRACTOR”). CITY and CONTRACTOR may hereinafter be referred to collectively as the "Parties."

### WITNESSETH:

In consideration of the mutual terms and conditions, promises, covenants and payments hereinafter set forth, CITY and CONTRACTOR agree as follows:

### ARTICLE 1 PREAMBLE

In order to establish the background, context and form of reference for this Agreement, and to generally express the objectives and intentions of the respective Parties herein, the following statements, representations, and explanations shall be accepted as predicates for the undertakings and commitments included within the provisions which follow, and may be relied upon by the Parties as essential elements of the mutual considerations upon which this Agreement is based.

1.1 On {---Solicitation Advertisement Date---}, the CITY advertised its notice to bidders of the CITY's desire to hire a firm to {---Solicitation Service Description---} as more particularly described in **Exhibit "A"** attached hereto and by this reference made a part hereof, for the said bid entitled:

**Invitation for Bid/Request for Proposals/Request for Qualifications {---Solicitation Type Abbreviation---} # {---Solicitation Number---}  
“{---Solicitation Title---}”**

1.2 On {---Bid Opening Date---}, the bids were opened at the offices of the City Clerk.

1.3 On \_\_\_\_\_, the CITY Commission awarded the bid to CONTRACTOR and authorized the proper CITY officials to enter into this Agreement with CONTRACTOR to govern the services more particularly described herein below.



## **ARTICLE 2**

### **SERVICES AND RESPONSIBILITIES**

2.1 CONTRACTOR hereby agrees to perform the services required for the {---Solicitation Service Description---}, which is more particularly located at \_\_\_\_\_ ("Property"), in accordance with the Scope of Services outlined in the specifications of "{---Solicitation Type Abbreviation---} # {---Solicitation Number---}", attached hereto and made a part hereof as **Exhibit "A"** and CONTRACTOR's response thereto, attached hereto and made a part hereof as **Exhibit "B"**. CONTRACTOR agrees to perform all services required pursuant to this Agreement, the Sealed Bid Package, Addenda to this Agreement, and Commission award complete with proposal form.

2.2 CONTRACTOR shall furnish all services, labor, equipment, and materials necessary and as may be required in the performance of this Agreement, except as otherwise specifically provided for herein, and all work performed under this Agreement shall be done in a professional manner.

2.3 CONTRACTOR shall supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner. CONTRACTOR shall comply with all OSHA safety rules and regulations in the operation of equipment and in the performance of the work. CONTRACTOR shall at all times have a competent field supervisor available to enforce these policies and procedures at the CONTRACTOR's expense.

2.4 CONTRACTOR shall provide CITY with seventy-two (72) hours written notice prior to the beginning of work under this Agreement and prior to any schedule change with the exception of changes caused by inclement weather.

2.5 CONTRACTOR hereby represents to CITY, with full knowledge that CITY is relying upon these representations when entering into this Agreement with CONTRACTOR, that CONTRACTOR has the professional expertise, experience and manpower to perform the services to be provided by CONTRACTOR pursuant to the terms of this Agreement.

2.6 CONTRACTOR hereby represents to CITY that CONTRACTOR is properly licensed by the applicable federal, state, and local agencies to provide the services under this Agreement. Furthermore, CONTRACTOR agrees to maintain such licenses during the term of this Agreement. If CONTRACTOR's license is revoked, suspended, or terminated for any reason by any governmental agency, CONTRACTOR shall notify the CITY immediately.

2.7 CONTRACTOR shall comply with any and all Federal, State, and local laws and regulations now in effect, or hereinafter enacted during the term of this Agreement, which are applicable to CONTRACTOR, its employees, agents or subcontractors, if any, with respect to the work and services described herein. A violation of any federal, state, or local law or regulation may be cause for breach, allowing the CITY to terminate this Agreement.

2.8 **Return of Keys.** Upon completion of services rendered or termination of this agreement, CONTRACTOR must promptly return to CITY all CITY keys and/or access cards. By agreeing herein, CONTRACTOR understands that any loss or failure to return a CITY key shall subject



CONTRACTOR to the costs associated with key replacement and/or re-keying. For keys unlocking several doors, replacement and re-keying costs can be substantial. In case of failure to return a key and failure to pay for key replacement and/or lock re-keying, CONTRACTOR understands that CITY shall enforce by all legal means its right to repayment for all costs incident to key replacement and/or lock re-keying.

### **ARTICLE 3**

#### **TIME OF COMMENCEMENT AND SUBSTANTIAL COMPLETION**

3.1 The work to be performed pursuant to this Agreement shall be commenced after CITY execution of the Agreement and not later than ten (10) calendar days after the date that CONTRACTOR receives CITY's Notice to Proceed. The work herein required shall be completed within **{---Number of Days to Complete Project in Words---} ({---Number of Days to Complete Project---}) calendar days** from issuance of CITY's Notice to Proceed, subject to any permitted extensions of time pursuant to this Agreement and any amendments and/or addenda thereto. For the purposes of this Agreement, the term "completion" shall mean the satisfactory completion and final inspection of the Property by the CITY.

3.2 During the pre-construction portion of the work hereunder, the Parties agree to work diligently and in good faith in performing their obligations hereunder, so that all required permits for the construction portion of the work may be obtained. In the event that any delays in the pre-construction or construction portion of the work occur, despite the diligent efforts of the Parties hereto, and such delays are the result of force majeure or are otherwise outside of the control of either party hereto, then the Parties shall agree on an equitable extension of the time for substantial completion hereunder and any resulting increase in general condition costs.

3.3 In the event that CONTRACTOR abandons this Agreement or causes it to be terminated, CONTRACTOR shall indemnify CITY against any loss pertaining to this termination up to a maximum of the full contracted fee amount. All finished or unfinished documents, data, studies, surveys, and reports prepared by CONTRACTOR shall become the property of CITY and shall be delivered by CONTRACTOR to CITY.

### **ARTICLE 4**

#### **COMPENSATION AND METHOD OF PAYMENT**

4.1 CITY agrees to compensate CONTRACTOR monthly for all services performed pursuant to this Agreement by CONTRACTOR for work that has been completed, inspected, and properly invoiced. The annual amount of compensation paid to CONTRACTOR pursuant to this Agreement shall not exceed **{---Compensation Type---} {---Request Amount Written---} ({---Request Amount Numerical---})**, which includes an owner's contingency fee in the amount of **{---Contingency Fee in Words---} (\$---Contingency Fee Amount---)**, and an amount towards the payment and performance bond equal to **«Compensation\_Amount\_Written» («Compensation\_Amount\_Numerical»)**.

4.1.1 This contingency or allowance authorizes the CITY to execute change orders up to the amount of the contingency without the need to obtain additional Commission approval.





In addition, CITY shall utilize the owner's contingency to reimburse CONTRACTOR for the related permit, license, impact or inspection fees. Payments will be made to CONTRACTOR based on the actual cost of permits upon submission of paid permit receipts. **It is hereby understood and agreed that the CONTRACTOR shall not expend any dollars in connection with the owner's contingency or allowance without the expressed prior written approval of the CITY's authorized representative.** Any owner's contingency funds or allowance that have not been utilized at the end of the project will remain with the CITY, the CONTRACTOR shall only be paid for the proposed project cost as approved by the City Commission along with any contingency expenses or allowances that were approved by the CITY's authorized representative. If the permit fees exceed the owner's contingency indicated, CITY will reimburse the contractor the actual amount of the permit fees required for project completion.

4.1.2 The total compensation amount may not be exceeded without a written amendment to this Agreement. A retainage of five percent (5%) will be deducted from monthly payments until the project is complete. Retainage monies will be released upon satisfactory completion and final inspection of the work. Invoices must bear the project name, project number, bid number and purchase order number. CITY has up to thirty (30) calendar days to review, approve and pay all invoices after receipt. CONTRACTOR shall invoice CITY and provide a written request to CITY to commence the one (1) year warranty period. All necessary Releases and Affidavits and approval of final payments shall be processed before the warranty period begins.

4.2 All payments shall be governed by the Local Government Prompt Payment Act, as set forth in Part VII, Chapter 218, Florida Statutes.

4.3 **Method of Billing and Payment.** The CITY shall within thirty (30) days, from the date the CITY's Public Services Department Director approves the Application for Payment, pay the CONTRACTOR the amount approved by the CITY's Public Services Department Director or his or her designee.

Payment will be made to CONTRACTOR at:

{---Company Name---}  
 {---Payment Street 1---}  
 {---Payment Street 2---}  
 {---Payment City---}, {---Payment State/Province---} {---Payment Postal Code---}  
 --}

## **ARTICLE 5** **WAIVER OF LIENS**

Prior to final payment of the amount due under the terms of this Agreement, to the extent permitted by law, a final waiver of lien shall be required to be submitted by the CONTRACTOR, as well as from all suppliers and subcontractors whom have worked on the project that is the subject of this Agreement. Payment of the invoice and acceptance of such payment by



CONTRACTOR shall release CITY from all claims of liability by CONTRACTOR in connection with this Agreement.

## **ARTICLE 6** **WARRANTY**

6.1 CONTRACTOR warrants the work against defect for a period of one (1) year from the date of completion of work. In the event that defect occurs during this time, CONTRACTOR shall perform such steps as required to remedy the defects. CONTRACTOR shall be responsible for any damages caused by defect to affected area or to the structure. The one (1) year warranty period does not begin until substantial completion of the entire project.

6.2 CONTRACTOR shall provide a five (5) year commercial warranty for all fixtures provided to CITY pursuant to this Agreement. The five (5) year warranty period does not begin until substantial completion of the entire project.

6.3 CONTRACTOR further agrees to submit to CITY all warranty documents and information related to any warranty required by **Exhibit "A"**.

## **ARTICLE 7** **CHANGES IN SCOPE OF WORK**

7.1 CITY or CONTRACTOR may request changes that would increase, decrease, or otherwise modify the scope of work to be provided pursuant to this Agreement, as more particularly described in **Exhibit "A"**. These changes may affect the monthly compensation accordingly. Such changes or additional services must be in accordance with the provisions of the Code of Ordinances of the CITY, and must be contained in a written amendment, executed by the Parties hereto, with the same formality, equality and dignity herewith prior to any deviation from the terms of this Agreement, including the initiation of any additional or extra work.

7.2 While requesting changes that would increase, decrease, or otherwise modify the scope of services CONTRACTOR shall continue work, however, in no event will CONTRACTOR be compensated for any work that has not been described either herein, in a purchase order, or separate written agreement executed by the parties hereto.

## **ARTICLE 8** **RESERVED**

{--rmc--Payment & Performance Bonds (Contractor)--rmc--}

## **ARTICLE 9** **INDEMNIFICATION**

9.1 The CONTRACTOR shall indemnify and hold harmless the CITY and its officers, employees, agents and instrumentalities from liability, losses or damages, including attorneys' fees and costs of defense, which the CITY or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature



arising out of or resulting from the negligence, recklessness, or intentional wrongful misconduct of CONTRACTOR, its employees, agents, partners, principals or subcontractors during the term of this Agreement or resulting thereafter. The CONTRACTOR shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorneys' fees which may issue thereon.

9.2 CONTRACTOR's aggregate liability shall not exceed the proceeds of insurance required to be placed pursuant to this Agreement, plus the compensation received by CONTRACTOR.

9.3 Upon completion of all services, obligations and duties provided for in this Agreement, or in the event of termination of this Agreement for any reason, the terms and conditions of this Article shall survive indefinitely.

9.4 CITY reserves the right to select its own legal counsel to conduct any defense in any such proceeding and all costs and fees associated therewith shall be the responsibility of CONTRACTOR.

9.5 Nothing contained herein is intended nor shall be construed to waive CITY's rights and immunities under the common law or Section 768.28, Florida Statutes, as may be amended from time to time.

## **ARTICLE 10** **INSURANCE**

10.1 CONTRACTOR shall indemnify and hold harmless the CITY, its trustees, elected and appointed officers, agents, servants, assigns, employees, consultants, separate contractors, any of their subcontractors, sub-subcontractors, agents and employees from and against claims, demands, or causes of action whatsoever, and the resulting losses, damages, costs and expenses, including but not limited to attorneys' fees, including paralegal expenses, liabilities, damages, orders, judgments, or decrees, sustained by the CITY arising out of or resulting from performance of the work or the failure of the CONTRACTOR to take out and maintain insurance as required under this Agreement.

10.2 CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the CITY nor shall the CONTRACTOR allow any subcontractor to commence work on any subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

10.3 Certificates of Insurance, reflecting evidence of the required insurance, shall be filed with the CITY's Risk Manager prior to the commencement of this Agreement. Policies shall be issued by companies authorized to do business under the laws of the State of Florida. The insurance company shall be rated no less than "A" as to management, and no less than "Class VI" as to financial strength according to the latest edition of Best's Insurance Guide published by A.M. Best Company.



10.4 Certificates of Insurance shall provide for thirty (30) calendar days' prior written notice to the CITY in case of cancellation or material changes in the policy limits or coverage states. If the carrier cannot provide thirty (30) calendar days' notice of cancellation, either the CONTRACTOR or their Insurance Broker must agree to provide notice.

10.5 Insurance shall be in force until all obligations required to be fulfilled under the terms of the Agreement are satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the period of this Agreement, the CONTRACTOR shall furnish, at least forty-five (45) calendar days prior to the expiration of the date of such insurance, a renewed certificate of insurance as proof that equal and like coverage for the balance of the period of the Agreement and extension thereunder is in effect. The CONTRACTOR shall neither commence nor continue to provide any services pursuant to this Agreement unless all required insurance remains in full force and effect. CONTRACTOR shall be liable to CITY for any lapses in service resulting from a gap in insurance coverage.

#### 10.6 REQUIRED INSURANCE

CONTRACTOR shall be required to obtain all applicable insurance coverage, as indicated below, prior to commencing any work pursuant to this Agreement:

Yes No

☐ ☐

10.6.1 Comprehensive General Liability Insurance written on an occurrence basis including, but not limited to: coverage for bodily injury and property damage, personal & advertising injury, products & completed operations, and contractual liability. Coverage must be written on an occurrence basis, with limits of liability no less than:

1. Each Occurrence Limit - \$1,000,000
2. Fire Damage Limit (Damage to rented premises) - \$100,000
3. Personal & Advertising Injury Limit - \$1,000,000
4. General Aggregate Limit - \$2,000,000
5. Products & Completed Operations Aggregate Limit - \$2,000,000

Products & Completed Operations Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement. *(For Construction projects: Increase to ten (10) years and include a Designated Construction Project(s) General Aggregate Limit)* **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.2 Workers' Compensation and Employers' Liability Insurance covering all employees, and/or volunteers of the CONTRACTOR engaged in the performance of the scope of work associated with this Agreement. In the case any work is sublet, the CONTRACTOR shall require the subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. Coverage for the CONTRACTOR and



all subcontractors shall be in accordance with applicable state and/or federal laws that may apply to Workers' Compensation Insurance with limits of liability no less than:

1. Workers' Compensation: Coverage A – Statutory
2. Employers Liability: Coverage B \$500,000 Each Accident  
\$500,000 Disease – Policy Limit  
\$500,000 Disease – Each Employee

If CONTRACTOR claims to be exempt from this requirement, CONTRACTOR shall provide CITY proof of such exemption for CITY to exempt CONTRACTOR.

Yes No

☐ ☐

10.6.3 Comprehensive Auto Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the performance of work under this Agreement, with a combined single limit of liability for bodily injury and property damage no less than:

1. Any Auto (Symbol 1)  
Combined Single Limit (Each Accident) - \$1,000,000
2. Hired Autos (Symbol 8)  
Combined Single Limit (Each Accident) - \$1,000,000
3. Non-Owned Autos (Symbol 9)  
Combined Single Limit (Each Accident) - \$1,000,000

If work under this Agreement includes transportation of hazardous materials, policy shall include pollution liability coverage equivalent to that provided by the latest version of the ISO pollution liability broadened endorsement for auto and the latest version of the ISO Motor Carrier Act endorsement, equivalents or broader language.

Yes No

☐ ☐

10.6.3.1 If CONTRACTOR requests reduced limits under a Personal Auto Liability Policy and it is agreed to by the CITY, coverage shall include Bodily Injury limits of \$100,000 per person/\$300,000 per occurrence and Property Damage limits of \$300,000 per occurrence

Yes No

☐ ☐

10.6.4 Umbrella/Excess Liability Insurance in the amount of \$\_\_\_\_\_ as determined appropriate by the CITY depending on the type of job and exposures contemplated. Coverage must be follow form of the General Liability, Auto Liability and Employer's Liability. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.5 Professional Liability/Errors & Omissions Insurance with a limit of liability no less than \$1,000,000 per wrongful or negligent act. This coverage shall be maintained for a period of no less than three (3) years after the delivery of goods/services final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with*



*operation/services being performed. For Construction projects: Increase to ten (10) years.)*

Yes No

☐ ☐

10.6.6 Environmental/Pollution Liability insurance shall be required with a limit of no less than \$1,000,000 per wrongful act. Coverage shall include: CONTRACTOR's completed operations, sudden, accidental and gradual pollution conditions. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years).* **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.7 Cyber Liability including Network Security and Privacy Liability with a limit of liability no less than \$1,000,000 per loss. Coverage shall include liability arising from: theft, dissemination and/or use of confidential information stored or transmitted in electronic form, unauthorized access to, use of, or tampering with computer systems, including hacker attacks or inability of an authorized third party to gain access to your services, including denial of service, and the introduction of a computer virus into, or otherwise causing damage to, a customer's or third person's computer, computer system, network, or similar computer-related property and the data, software and programs thereon. If vendor is collecting credit card information, it shall cover all PCI breach expenses. Coverage is to include the various state monitoring and state required remediation as well as meet the various state notification requirements. This coverage shall be maintained for a period of no less than the later of three (3) years after delivery of goods/services or final payment of the Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.8 Crime Coverage shall include employee dishonesty, forgery or alteration, and computer fraud in an amount of no less than \$1,000,000 per loss. If CONTRACTOR is physically located on CITY's premises, a third-party fidelity coverage extension shall apply.

Yes No

☐ ☐

10.6.9 Garage Liability & Garage-keepers Legal Liability for those that manage parking lots for the CITY or service CITY vehicles. Coverage must be written on an occurrence basis, with limits of liability no less than \$1,000,000 per Occurrence, including products & completed operations. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.10 Liquor Liability for those in the business of selling, serving or furnishing of any alcoholic beverages, whether licensed or not, shall carry a limit of liability of no less than





\$1,000,000 per occurrence. Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.11 Sexual Abuse & Molestation for any agreement involving a vulnerable population. Limits shall be no less than \$500,000 per occurrence. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed.)* **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☐ ☐

10.6.12 Builder's Risk Insurance shall be "All Risk" for one hundred percent (100%) of the completed value of the project that is the subject of this Agreement with a deductible of not more than five percent (5%) for Named Windstorm and \$20,000 per claim for all other perils. The Builder's Risk Insurance shall include interests of the CITY, the CONTRACTOR and subcontractors of the project. The CONTRACTOR shall include a separate line item for all costs associated with the Builder's Risk Insurance Coverage for the project. The CITY reserves the right at its sole discretion to utilize the CONTRACTOR's Builder's Risk Insurance or for the CITY to purchase its own Builder's Risk Insurance for the Project. Prior to the CONTRACTOR purchasing the Builder's Risk insurance for the project, the CONTRACTOR shall allow the CITY the opportunity to analyze the CONTRACTOR's coverage and determine who shall purchase the coverage. Should the CITY utilize the CONTRACTOR's Builder's Risk Insurance, the CONTRACTOR shall be responsible for all deductibles. If the CITY chooses to purchase the Builder's Risk Coverage on the project, the CONTRACTOR shall provide the CITY with a change order deduct for all premiums and costs associated with the Builder's Risk insurance in their schedule. Should the CITY choose to utilize the CITY's Builder's Risk Program, the CITY shall be responsible for the Named Windstorm Deductible and the CONTRACTOR shall be responsible for the All Other Perils Deductible.

If and when 100% is not available or reasonable, the CITY Risk Manager is to make the determination as to what limits are appropriate for the given project.

Yes No

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10.6.13 Other Insurance

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## 10.7 REQUIRED ENDORSEMENTS

- 10.7.1 The City of Pembroke Pines shall be named as an Additional Insured on each of the Liability Policies required herein.
- 10.7.2 Waiver of all Rights of Subrogation against the CITY.
- 10.7.3 Thirty (30) Day Notice of Cancellation or Non-Renewal to the CITY.
- 10.7.4 CONTRACTOR's policies shall be Primary & Non-Contributory.
- 10.7.5 All policies shall contain a "severability of interest" or "cross liability" clause without obligation for premium payment of the CITY.
- 10.7.6 The City of Pembroke Pines shall be named as a Loss Payee on all Property and/or Inland Marine Policies as their interest may appear.

10.8 Any and all insurance required of the CONTRACTOR pursuant to this Agreement must also be required by any subcontractor in the same limits and with all requirements as provided herein, including naming the CITY as an additional insured, in any work that is subcontracted unless such subcontractor is covered by the protection afforded by the CONTRACTOR and provided proof of such coverage is provided to CITY. The CONTRACTOR and any subcontractors shall maintain such policies during the term of this Agreement.

10.9 The CITY reserves the right to require any other additional types of insurance coverage and/or higher limits of liability it deems necessary based on the nature of work being performed under this Agreement.

10.10 The insurance requirements specified in this Agreement are minimum requirements and in no way reduce any liability the CONTRACTOR has assumed in the indemnification/hold harmless section(s) of this Agreement.

## **ARTICLE 11**

### **NON-DISCRIMINATION & EQUAL OPPORTUNITY EMPLOYMENT**

During the performance of the Agreement, neither the CONTRACTOR nor any subcontractors shall discriminate against any employee or applicant for employment because of race, religion, color, gender, national origin, sex, age, marital status, political affiliation, familial status, sexual orientation, or disability if qualified. CONTRACTOR will take affirmative action to ensure that employees are treated during employment, without regard to their race, religion, color, gender, national origin, sex, age, marital status, political affiliation, familial status, sexual orientation, or disability if qualified. Such actions must include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. CONTRACTOR shall agree to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. CONTRACTOR further agrees that



CONTRACTOR will ensure that subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause.

## **ARTICLE 12**

### **INDEPENDENT CONTRACTOR**

This Agreement does not create an employee/employer relationship between the Parties. It is the intent of the Parties that the CONTRACTOR is an independent contractor under this Agreement and not the CITY's employee for all purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Workers' Compensation Act, and the State unemployment insurance law. The CONTRACTOR shall retain sole and absolute discretion in the judgment of the manner and means of carrying out CONTRACTOR's activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement shall be those of CONTRACTOR, which policies of CONTRACTOR shall not conflict with CITY, State, Federal, or United States policies, rules or regulations relating to the use of CONTRACTOR's funds provided for herein. The CONTRACTOR agrees that it is a separate and independent enterprise from the CITY, that it has full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This Agreement shall not be construed as creating any joint employment relationship between the CONTRACTOR and the CITY and the CITY will not be liable for any obligation incurred by CONTRACTOR, including but not limited to unpaid minimum wages and/or overtime premiums.

## **ARTICLE 13**

### **TERMINATION**

13.1 **Termination for Convenience.** This Agreement may be terminated by CITY for convenience, upon providing {---Termination for Convenience---} **calendar days** of written notice to CONTRACTOR, in which event CONTRACTOR shall be paid its compensation for services performed to termination date, including services reasonably related to termination. In the event that CONTRACTOR abandons this Agreement or causes it to be terminated, CONTRACTOR shall indemnify CITY against loss pertaining to this termination.

13.2 **Default by CONTRACTOR.** In addition to all other remedies available to CITY, this Agreement shall be subject to cancellation by CITY for cause, should CONTRACTOR neglect or fail to perform or observe any of the terms, provisions, conditions, or requirements herein contained, if such neglect or failure shall continue for a period of thirty (30) days after receipt by CONTRACTOR of written notice of such neglect or failure.

## **ARTICLE 14**

### **AGREEMENT SUBJECT TO FUNDING**

This Agreement shall remain in full force and effect only as long as the expenditures provided for in the Agreement have been appropriated by the City Commission of the City of Pembroke Pines in the annual budget for each fiscal year of this Agreement, and is subject to termination based on lack of funding.



## **ARTICLE 15**

### **UNCONTROLLABLE FORCES**

Neither CITY nor CONTRACTOR shall be considered to be in default of this Agreement if delays in or failure of performance shall be due to Uncontrollable Forces, the effect of which, by the exercise of reasonable diligence, the non-performing party could not avoid. The term "Uncontrollable Forces" shall mean any event which results in the prevention or delay of performance by a Party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming party. It includes, but is not limited to fire, flood, earthquakes, storms, lightning, epidemic, pandemic, acts of God, war, riot, civil disturbance, sabotage, and governmental actions. Neither Party shall, however, be excused from performance if nonperformance is due to forces, which are preventable, removable, or remediable, and which the nonperforming Party could have, with the exercise of reasonable diligence, prevented, removed, or remedied with reasonable dispatch. The nonperforming Party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other Party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement.

## **ARTICLE 16**

### **GOVERNING LAW AND VENUE**

This Agreement shall be governed by and construed in accordance with the laws of the State of Florida as now and hereafter in force. The venue for any and all actions or claims arising out of or related to this Agreement shall be in Broward County, Florida.

## **ARTICLE 17**

### **SIGNATORY AUTHORITY**

CONTRACTOR shall provide CITY with copies of requisite documentation evidencing that the signator for CONTRACTOR has the authority to enter into this Agreement.

## **ARTICLE 18**

### **DEFAULT OF CONTRACT & REMEDIES**

**18.1 Damages.** CITY reserves the right to recover any ascertainable actual damages incurred as a result of the failure of CONTRACTOR to perform in accordance with the requirements of this Agreement, or for losses sustained by CITY resultant from CONTRACTOR's failure to perform in accordance with the requirements of this Agreement.

**18.2 Liquidated Damages.** As a breach of the service provided by this Agreement would cause serious and substantial damage to CITY, and the nature of this Agreement would render it impracticable or extremely difficult to fix the actual damage sustained by CITY by such breach, it is agreed that, in case of breach of this Agreement wherein CONTRACTOR fails to maintain the Property, leaving the said property in disrepair, CITY may elect to collect liquidated damages for each day of such breach, and CONTRACTOR will pay CITY as liquidated damages, and not as penalty, «**LiquidatedDamagesAmountWritten**» (\$«**LiquidatedDamagesAmount\$**») for every



day of such malfunction. This sum is the agreed upon amount by which CITY will be damaged by the breach of Agreement. An election to seek such remedies shall not be construed as a waiver of any legal remedies CITY may have as to any subsequent breach by CONTRACTOR pursuant to this Agreement.

18.3 **Correction of Work.** If, in the judgment of CITY, work provided by CONTRACTOR does not conform to the requirements of this Agreement, or if the work exhibits poor workmanship, CITY reserves the right to require that CONTRACTOR correct all deficiencies in the work to bring the work into conformance without additional cost to CITY, and replace any personnel who fail to perform in accordance with the requirements of this Agreement. CITY shall be the sole judge of non-conformance and the quality of workmanship.

18.4 **Default of Contract.** The occurrence of any one or more of the following events shall constitute a default and breach of this Agreement by CONTRACTOR:

18.4.1. The abandonment of the Property by CONTRACTOR for a period of more than seven (7) calendar days.

18.4.2 The abandonment, unnecessary delay, refusal of, or failure to comply with any of the terms of this Agreement or neglect, or refusal to comply with the instructions of the Public Services Director relative thereto.

18.4.3. The failure by CONTRACTOR to observe or perform any of the terms, covenants, or conditions of this Agreement to be observed or performed by CONTRACTOR, where such failure shall continue for a period of seven (7) calendar days after written notice thereof by CITY to CONTRACTOR; provided, however, that if the nature of CONTRACTOR's default is such that more than seven (7) calendar days are reasonably required for its cure, then CONTRACTOR shall not be deemed to be in default if CONTRACTOR commences such cure within said seven (7) calendar day period and thereafter diligently prosecutes such cure to completion.

18.4.4. The assignment and/or transfer of this Agreement or execution or attachment thereon by CONTRACTOR or any other party in a manner not expressly permitted hereunder.

18.4.5. The making by CONTRACTOR of any general assignment or general arrangement for the benefit of creditors, or the filing by or against CONTRACTOR of a petition to have CONTRACTOR adjudged a bankruptcy, or a petition for reorganization or arrangement under any law relating to bankruptcy (unless, in the case of a petition filed against CONTRACTOR, the same is dismissed within sixty (60) calendar days); or the appointment of a trustee or a receiver to take possession of substantially all of CONTRACTOR's assets, or for CONTRACTOR's interest in this Agreement, where possession is not restored to CONTRACTOR within thirty (30) calendar days; for attachment, execution or other judicial seizure of substantially all of CONTRACTOR's assets, or for CONTRACTOR's interest in this Agreement, where such seizure is not discharged within thirty (30) calendar days.



**18.5 Remedies in Default.** In case of default by CONTRACTOR, CITY shall notify CONTRACTOR, in writing, of such abandonment, delay, refusal, failure, neglect, or default and direct CONTRACTOR to comply with all provisions of the Agreement. A copy of such written notice shall be mailed to the Surety on the Performance Bond. If the abandonment, delay, refusal, failure, neglect or default is not cured within seven (7) calendar days of when notice was sent by CITY, CITY may declare a default of the Agreement and notify CONTRACTOR of such declaration of default and terminate the Agreement. The Surety on the Performance Bond shall within ten (10) days of such declaration of default, rectify or cause to be rectified any mismanagement or breach of service in the Agreement and assume the work of CONTRACTOR and proceed to perform services under the Agreement, at its own cost and expense.

18.5.1. Upon such declaration of default, all payments remaining due CONTRACTOR at the time of default, less all sums due CITY for damages suffered, or expenses incurred by reason of default, shall be due and payable to Surety. Thereafter the Surety shall receive monthly payments equal to those that would have been paid by the CONTRACTOR had the CONTRACTOR continued to perform the services under the Agreement.

18.5.2. CITY may complete the Agreement, or any part thereof, either by day labor or re-letting a contract for the same, and procure the equipment and the facilities necessary for the completion of the Agreement, and charge the cost of same to CONTRACTOR and/or the Surety together with the costs incident thereto to such default.

18.5.3. In the event CITY completes the Agreement at a lesser cost than would have been payable to CONTRACTOR under this Agreement, if the same had been fulfilled by CONTRACTOR, CITY shall retain such differences. Should such cost to CITY be greater, CONTRACTOR shall pay the amount of such excess to the CITY.

18.5.4 Notwithstanding the other provisions in this Article, CITY reserves the right to terminate the Agreement at any time, whenever the service provided by CONTRACTOR fails to meet reasonable standards of the trade after CITY gives written notice to the CONTRACTOR of the deficiencies as set forth in the written notice within seven (7) calendar days of the receipt by CONTRACTOR of such notice from CITY.

## **ARTICLE 19** **BANKRUPTCY**

It is agreed that if CONTRACTOR is adjudged bankrupt, either voluntarily or involuntarily, then this Agreement shall terminate effective on the date and at the time the bankruptcy petition is filed.

## **ARTICLE 20** **MERGER; AMENDMENT**

This Agreement constitutes the entire Agreement between CONTRACTOR and CITY, and all negotiations and oral understandings between the Parties are merged herein. This Agreement can be supplemented or amended only by a written document executed by both CONTRACTOR and



CITY with the same formality and equal dignity herewith.

## **ARTICLE 21**

### **DISPUTE RESOLUTION**

#### **21.1 Operations During Dispute.**

21.1.1 In the event that a dispute, if any, arises between CITY and CONTRACTOR relating to this Agreement, performance or compensation hereunder, CONTRACTOR shall continue to render service in full compliance with all terms and conditions of this Agreement as interpreted by CITY regardless of such dispute.

21.1.2 CONTRACTOR expressly recognizes the paramount right and duty of CITY to provide adequate maintenance of CITY's Property, and further agrees, in consideration for the execution of this Agreement, that in the event of such a dispute, if any, it will not seek injunctive relief in any court, but will negotiate with CITY for an adjustment on the matter or matters in dispute and, upon failure of said negotiations to resolve the dispute, may present the matter to a court of competent jurisdiction in an appropriate suit therefore instituted by it or by CITY.

## **ARTICLE 22**

### **PUBLIC RECORDS**

22.1 The City of Pembroke Pines is public agency subject to Chapter 119, Florida Statutes. The CONTRACTOR shall comply with Florida's Public Records Law. Specifically, the CONTRACTOR shall:

22.1.1 Keep and maintain public records required by the CITY to perform the service;

22.1.2 Upon request from the CITY's custodian of public records, provide the CITY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Fla. Stat., or as otherwise provided by law;

22.1.3 Ensure that public records that are exempt or that are confidential and exempt from public record disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and, following completion of the Agreement, CONTRACTOR shall destroy all copies of such confidential and exempt records remaining in its possession after the CONTRACTOR transfers the records in its possession to the CITY; and

22.1.4 Upon completion of the Agreement, CONTRACTOR shall transfer to the CITY, at no cost to the CITY, all public records in CONTRACTOR's possession. All records stored electronically by the CONTRACTOR must be provided to the CITY, upon request from the CITY's custodian of public records, in a format that is compatible with the information technology systems of the CITY.





22.2 The failure of CONTRACTOR to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Agreement.

**IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**CITY CLERK  
601 CITY CENTER WAY, 4<sup>th</sup> FLOOR  
PEMBROKE PINES, FL 33025  
(954) 450-1050  
[mgraham@ppines.com](mailto:mgraham@ppines.com)**

**ARTICLE 23  
SCRUTINIZED COMPANIES**

23.1 CONTRACTOR, its principals or owners, certify that they are not listed on the Scrutinized Companies that Boycott Israel List, Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is engaged in business operations with Syria. In accordance with Section 287.135, Florida Statutes, as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with any agency or local governmental entity for goods or services of:

23.1.1 Any amount if, at the time bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel; or

23.1.2 One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:

23.1.2.1 Is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; or

23.1.2.2 Is engaged in business operations in Syria.

**ARTICLE 24  
RESERVED**

**{--rmc--Equal Benefits for Employees--rmc--}**

**ARTICLE 25**





## **EMPLOYMENT ELIGIBILITY**

25.1 **E-Verify.** CONTRACTOR certifies that it is aware of and complies with the requirements of Section 448.095, Florida Statutes, as may be amended from time to time and briefly described herein below.

### **25.1.1 Definitions for this Section.**

25.1.1.1 “Contractor” means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration.

25.1.1.2 “Contractor” includes, but is not limited to, a vendor or consultant.

25.1.1.3 “Subcontractor” means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

25.1.1.4 “E-Verify system” means an Internet-based system operated by the United States Department of Homeland Security that allows participating employers to electronically verify the employment eligibility of newly hired employees.

25.2 **Registration Requirement; Termination.** Pursuant to Section 448.095, Florida Statutes, effective January 1, 2021, Contractors, shall register with and use the E-verify system in order to verify the work authorization status of all newly hired employees. Contractor shall register for and utilize the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of:

25.2.1 All persons employed by a Contractor to perform employment duties within Florida during the term of the contract; and

25.2.2 All persons (including subvendors/subconsultants/subcontractors) assigned by Contractor to perform work pursuant to the contract with the City of Pembroke Pines. The Contractor acknowledges and agrees that registration and use of the U.S. Department of Homeland Security’s E-Verify System during the term of the contract is a condition of the contract with the City of Pembroke Pines; and

25.2.3 The Contractor shall comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes, but is not limited to registration and utilization of the E-Verify System to verify the work authorization status of all newly hired employees. Contractor shall also require all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. Termination of



this Contract under this Section is not a breach of contract and may not be considered as such. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of one (1) year after the date of termination.

## **ARTICLE 26**

### **MISCELLANEOUS**

26.1 **Ownership of Documents.** Reports, surveys, studies, and other data provided in connection with this Agreement are and shall remain the property of CITY, whether or not the project for which they are made is completed.

26.2 **Legal Representation.** It is acknowledged that each party to this Agreement had the opportunity to be represented by counsel in the preparation of this Agreement, and accordingly, the rule that a contract shall be interpreted strictly against the party preparing same shall not apply herein due to the joint contributions of both Parties.

26.3 **Records.** CONTRACTOR shall keep such records and accounts and require any and all subcontractors to keep records and accounts as may be necessary in order to record complete and correct entries as to personnel hours charged to this engagement, and any expenses for which CONTRACTOR expects to be reimbursed. Such books and records will be available at all reasonable times for examination and audit by CITY and shall be kept for a period of ten (10) years after the completion of all work to be performed pursuant to this Agreement. Incomplete or incorrect entries in such books and records will be grounds for disallowance by CITY of any fees or expenses based upon such entries. All records shall be maintained and available for disclosure, as appropriate, in accordance with Chapter 119, Florida Statutes.

26.4 **Assignments; Amendments.** This Agreement, and any interests herein, shall not be assigned, transferred or otherwise encumbered, under any circumstances, by CONTRACTOR without the prior written consent of CITY. For purposes of this Agreement, any change of ownership of CONTRACTOR shall constitute an assignment which requires CITY approval. However, this Agreement shall run to the benefit of CITY and its successors and assigns. It is further agreed that no modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.

26.5 **No Contingent Fees.** CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONTRACTOR to solicit or secure this Agreement, and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONTRACTOR any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For the breach or violation of this provision, CITY shall have the right to terminate the Agreement without liability at its discretion, to deduct from the contract price, or otherwise recover the full amount of such fee, commission, percentage, gift or consideration.



26.6 **Notice.** Whenever any party desires to give notice unto any other party, it must be given by written notice, sent by certified United States mail, with return receipt requested, addressed to the party for whom it is intended and the remaining party, at the places last specified, and the places for giving of notice shall remain such until they shall have been changed by written notice in compliance with the provisions of this section. For the present, CONTRACTOR and CITY designate the following as the respective places for giving of notice:

CITY	Charles F. Dodge, City Manager City of Pembroke Pines 601 City Center Way, 4 <sup>th</sup> Floor Pembroke Pines, Florida 33025 Telephone No. (954) 450-1040
Copy To:	Samuel S. Goren, City Attorney Goren, Cherof, Doody & Ezrol, P.A. 3099 East Commercial Boulevard, Suite 200 Fort Lauderdale, Florida 33308 Telephone No. (954) 771-4500 Facsimile No. (954) 771-4923
CONTRACTOR	{---Primary Contact Name---}, {---Primary Contact Title---} {---Company Name---} {---Street1---}, {---Street2---} {---City---}, {---State/Province---} {---Postal Code---} <b>E-mail:</b> «Vendor_Email» <b>Telephone No:</b> {---Phone---} <b>Cell phone No:</b> {---Primary Contact Cell Phone Number---}  -}  <b>Facsimile No:</b> «Vendor_Fax_Number»

26.7 **Binding Authority.** Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

26.8 **Headings.** Headings herein are for the convenience of reference only and shall not be considered in any interpretation of this Agreement.

26.9 **Exhibits.** Each exhibit referred to in this Agreement forms an essential part of this Agreement. The exhibits, if not physically attached, should be treated as part of this Agreement and are incorporated herein by reference.

26.10 **Severability.** If any provision of this Agreement or application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have



been held invalid or unenforceable, shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

26.11 **Entire Agreement and Conflicts:** This Agreement is intended by the parties hereto to be final expression of this Agreement, and it constitutes the full and entire understanding between the parties with respect to the subject hereof, notwithstanding any representations, statements, or agreements to the contrary heretofore made. In the event of a conflict between this Agreement, Exhibit "A", and Exhibit "B", this Agreement shall govern, then Exhibit "A", and Exhibit "B".

26.12 **Waiver.** Failure of CITY to insist upon strict performance of any provision or condition of this Agreement, or to execute any right therein contained, shall not be construed as a waiver or relinquishment for the future of any such provision, condition, or right, but the same shall remain in full force and effect.

26.13 **Attorneys' Fees.** In the event that either party brings suit for enforcement of this Agreement, each party shall bear its own attorney's fees and court costs, except as otherwise provided under the indemnification provisions set forth herein above.

26.14 **Protection of CITY Property.** At all times during the performance of this Agreement, CONTRACTOR shall protect CITY's Property from all damage whatsoever on account of the work being carried on under this Agreement.

26.15 **Counterparts and Execution.** This Agreement may be executed by hand or electronically in multiple originals or counterparts, each of which shall be deemed to be an original and together shall constitute one and the same agreement. Execution and delivery of this Agreement by the Parties shall be legally binding, valid and effective upon delivery of the executed documents to the other party through facsimile transmission, email, or other electronic delivery.

26.16 **Compliance with Statutes.** It shall be the CONTRACTOR's responsibility to be aware of and comply with all statutes, ordinances, rules, orders, regulations and requirements of all local, City, state, and federal agencies as applicable.

26.16 **Compliance with Jessica Lunsford Act.** CONTRACTOR shall comply with Chapter 1012, Florida Statutes, which requires Level II background screening for vendors performing services at a Florida public school or for a public school district, if applicable.

**SIGNATURE PAGE FOLLOWS**



{--rmc--Signature Page - Commission Item (Contractor)--rmc--} {--rmc--Signature Page - Non-Commission Item (Contractor)--rmc--}



## FINAL/PARTIAL RELEASE OF LIEN

### KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, for and in consideration of the payment of the sum of \$ [Payment Amount] and other valuable consideration, paid by **City of Pembroke Pines**, receipt of which is hereby acknowledge, hereby releases and quit claims to the said [Contractor Name] its successors and assigns, and

#### City of Pembroke Pines

The owner, all liens, lien rights, claims and demands of any kind whatsoever, which the undersigned now has or might have against the building on premises legally described as:

[Description]  
PO #: [PO #]

Invoice #: [Invoice #]

On account of labor performed and/or material furnished for the construction of any improvements thereon. That all labor and materials used by the undersigned in the erection of said improvements have been fully paid for:

Witnesses:

**CONTRACTOR**  
**[NAME OF CONTRACTOR]**

\_\_\_\_\_

BY: \_\_\_\_\_

Print Name

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

\_\_\_\_\_

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

Print Name

STATE OF FLORIDA     )  
  ) ss:  
COUNTY OF BROWARD )

ON THIS \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared [Contractor's Representative] as [Job Title] of [Name of Contractor], personally known to me, or who has produced \_\_\_\_\_ as identification, and is the person who subscribed to the foregoing instrument and who acknowledged that (s)he executed the same and that (s)he was duly authorized to do so.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

\_\_\_\_\_  
NOTARY PUBLIC

\_\_\_\_\_  
Print or Type Name

My Commission Expires:



# ANN-80

## 80-Character Serial LCD Annunciator



### Annunciators

#### General

The ANN-80 annunciator is a compact, backlit, 80-character LCD fire annunciator that mimics the Fire Alarm Control Panel (FACP) display. It provides system status indicators for AC Power, Alarm, Trouble, Supervisory, and Alarm Silenced conditions. The ANN-80 and the FACP communicate over a two-wire serial interface employing the ANN-Bus communication format. Connected devices are powered, via two additional wires, by either the host FACP or a remote UL-listed, filtered power supply. The ANN-80 is red; for white, order ANN-80-W.

The ANN-80 displays English-language text of system point information including device type, zone, independent point alarm, trouble or supervisory status, as well as any custom alpha labels programmed into the control panel. It includes control switches for remote control of critical system functions. (A keyswitch prevents unauthorized operation of the control switches.)

Up to eight ANN-80s may be connected to the ANN-Bus of each FACP. No programming is required, which saves time during system commissioning.

#### Features

- Listed to UL Standard 864, 9th Edition
- Backlit 80-character LCD display (20 characters x 4 lines)
- Mimics all display information from the host panel
- Control switches for System Acknowledge, Signal Silence, Drill, and Reset
- Control switches can be independently enabled or disabled at the FACP
- Keyswitch enables/disables control switches and mechanically locks annunciator enclosure
- Keyswitch can be enabled or disabled at the FACP
- Enclosure supervised for tamper
- System status LEDs for AC Power, Alarm, Trouble, Supervisory, and Alarm Silence
- Local sounder can be enabled or disabled at the FACP
- ANN-80 connects to the ANN-Bus terminal on the FACP and requires minimal panel programming
- Displays device type identifiers, individual point alarm, trouble, supervisory, zone, and custom alpha labels
- Time-and date display field
- Surface mount directly to wall or to single, double, or 4" square electrical box
- Semi-flush mount to single, double, or 4" square electrical box. Use ANN-SB80KIT for angled view mounting
- Can be remotely located up to 6,000 feet (1,800 m) from the panel
- Backlight turns off during AC loss to conserve battery power but will turn back on if an alarm condition occurs
- May be powered by 24 VDC from the host FACP or by remote power supply (requires 24 VDC)
- Up to eight ANN-80s can be connected on the ANN-Bus

#### Controls and Indicators

- AC Power
- Alarm
- Trouble



- Supervisory
- Alarm Silenced

#### Specifications

- **Operating voltage range:** 18 VDC to 28 VDC
- **Current consumption @ 24 VDC nominal** (filtered and non-resettable): 40 mA maximum
- **Ambient temperature:** 32°F to 120°F (0°C to 49°C)
- **Relative humidity:** 93% ± 2% RH (non-condensing) at 32°C ± 2°C (90°F ± 3°F)
- 5.375" (13.65 cm.) high x 6.875" (17.46 cm.) wide x 1.375" (3.49 cm.) deep
- For use indoors in a dry location
- All connections are power-limited and supervised

#### The ANN-Bus

##### POWERING THE DEVICES ON THE ANN-BUS FROM AUXILIARY POWER SUPPLY

The ANN-Bus can be powered by an auxiliary power supply when the maximum number of ANN-Bus devices exceeds the ANN-Bus power requirements. See the FACP manual for more information.

##### ANN-BUS DEVICE ADDRESSING

Each ANN-Bus device requires a unique address (ID Number) in order to communicate with the FACP. A maximum of 8 devices can be connected to the FACP ANN-Bus communication circuit. See the FACP manual for more information.

##### WIRE REQUIREMENTS: COMMUNICATIONS CIRCUIT

The ANN-80 connects to the FACP ANN-Bus communications circuit. To determine the type of wire and the maximum wiring distance that can be used with FACP ANN-Bus accessory modules, it is necessary to calculate the total worst case current draw for all modules on a single 4-conductor bus. The total worst case current draw is calculated by adding the individual worst case currents for each module.

**NOTE:** For total worst case current draw on a single ANN-Bus refer to appropriate FACP manual.

#### **WIRE REQUIREMENTS: POWER CIRCUIT**

- 14 to 18 AWG (0.75 - 2.08 mm<sup>2</sup>) wire for 24 VDC power circuit is acceptable. Power wire distance limitation is set by 1.2 volt maximum line drop from source to end of circuit.
- All connections are power-limited and supervised.
- A maximum of eight ANN-80 modules may be connected to this circuit.

#### **Ordering Options**

**ANN-80:** Red 80 character LCD Annunciator.

**ANN-80-W:** White, 80 character LCD Annunciator.

**ANN-SB80KIT-R:** Red surface mount backbox with angled wedge.

**ANN-SB80KIT-W:** White surface mount backbox with angled wedge.

#### **Agency Listings and Approvals**

The listings and approvals below apply to the ANN-80. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL:** S2424
- **FM approved**
- **CSFM:** 7120-0075:0211
- **MEA:** 442-06-E

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This document is not intended to be used for installation purposes.  
We try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice.

For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)



Country of Origin: USA

BELLS

# Conventional Alarm Device

Honeywell provides conventional alarm devices which are motor-driven and has a long service life and high reliability.

## Overview



Honeywell's Conventional Alarm Devices are standard alarm device in most facilities where traditional clock alert is used. The buzzer excels at very low current and high noise levels. Can be used in all applications where normal sound alert level accepted. Suitable for warning in hotels and bed rooms.

## SKUs

SKU	Description
243109	Bell; IP21; 152mm Diameter; 95dBA; 20-28V DC; 25mA



# BG-12LX

## Addressable Manual Pull Station



### Addressable Devices

#### General

The Fire-Lite BG-12LX is a state-of-the-art, dual-action (i.e., requires two motions to activate the station) pull station that includes an addressable interface (mounted inside) for Fire-Lite's addressable fire alarm control panels (FACPs). Because the BG-12LX is addressable, the control panel can display the exact location of the activated manual station. This leads fire personnel quickly to the location of the alarm.

#### Features

- Maintenance personnel can open station for inspection and address setting without causing an alarm condition.
- Built-in bicolor LED, which is visible through the handle of the station, flashes in normal operation and latches steady red when in alarm.
- Handle latches in down position and the word "ACTIVATED" appears to clearly indicate the station has been operated.
- Captive screw terminals wire-ready for easy connection to SLC loop (accepts up to 12 AWG/3.25 mm<sup>2</sup> wire).
- Can be surface mounted (with SB-10 or SB-I/O) or semi-flush mounted. Semi-flush mount to a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box.
- Smooth dual-action design.
- Meets ADAAG controls and operating mechanisms guidelines (Section 4.1.3[13]); meets ADA requirement for 5 lb. maximum activation force.
- Highly visible.
- Attractive shape and textured finish.
- Key reset.
- Includes Braille text on station handle.
- Optional trim ring (BG12TR).
- Meets UL 38, Standard for Manually Actuated Signaling Boxes.

#### Construction

Shell, door, and handle are molded of durable polycarbonate material with a textured finish.

#### Specifications

- **Shipping Weight:** 9.6 oz. (272.15 g)
- **Normal operating voltage:** 24 VDC.
- **Maximum SLC loop voltage:** 28.0 VDC.
- **Maximum SLC standby current:** 375 µA.
- **Maximum SLC alarm current:** 5 mA.
- **Temperature Range:** 32°F to 120°F (0°C to 49°C)
- **Relative Humidity:** 10% to 93% (noncondensing)
- **For use indoors in a dry location**

#### Installation

The BG-12LX will mount semi-flush into a single-gang, double-gang, or standard 4" (10.16 cm) square electrical outlet box, or will surface mount to the model SB-10 or SB-I/O surface backbox. If the BG-12LX is being semi-flush mounted, then the optional trim ring (BG12TR) may be used. The BG12TR is



FLPullStation.jpg

usually needed for semi-flush mounting with 4" (10.16 cm) or double-gang boxes (not with single-gang boxes).

#### Operation

Pushing in, then pulling down on the handle causes it to latch in the down/activated position. Once latched, the word "ACTIVATED" (in bright yellow) appears at the top of the handle, while a portion of the handle protrudes from the bottom of the station. To reset the station, simply unlock the station with the key and pull the door open. This action resets the handle; closing the door automatically resets the switch.

Each manual station, on command from the control panel, sends data to the panel representing the state of the manual switch. Two rotary decimal switches allow address settings (1 – 159 with Breakaway Tab removed for MS-9600 Series, 1 – 99 and MS-9200UDLS, 1 – 50 for MS-9050UD).

#### Architectural/Engineering Specifications

Manual Fire Alarm Stations shall be non-coded, with a key-operated reset lock in order that they may be tested, and so designed that after actual Emergency Operation, they cannot be restored to normal except by use of a key. An operated station shall automatically condition itself so as to be visually detected as activated. Manual stations shall be constructed of red-colored polycarbonate material with clearly visible operating instructions provided on the cover. The word FIRE shall appear on the front of the stations in white letters, 1.00 inches (2.54 cm) or larger. Stations shall be suitable for surface mounting on matching backbox SB-10 or SB-I/O; or semi-flush mounting on a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box, and shall be installed

within the limits defined by the Americans with Disabilities Act (ADA) or per national/local requirements. Manual Stations shall be Underwriters Laboratories listed.

Manual stations shall connect with two wires to one of the control panel SLC loops. The manual station shall, on command from the control panel, send data to the panel representing the state of the manual switch. Manual stations shall provide address setting by use of rotary decimal switches.

## Product Line Information

**BG-12LX:** Dual-action addressable pull station. Includes key locking feature. (Listed for Canadian and non-Canadian applications.)

**SB-10:** Surface backbox; metal.

**SB-I/O:** Surface backbox; plastic.

**BG12TR:** Optional trim ring.

**17003:** Keys, set of two.

## Agency Listings and Approvals

In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL/ULC Listed:** S711 (listed for Canadian and non-Canadian applications).
- **MEA:** 67-02-E.
- **CSFM:** 7150-0075:0184.
- **FM Approved.**

**Patented:** U.S. Patent No. D428,351; 6,380,846; 6,314,772; 6,632,108.

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We cannot cover all specific applications or anticipate all requirements.  
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Made in the U.S. A.

For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)



# D365PL(A) and DNRW

## Intelligent Non-relay Photoelectric Duct Smoke Detectors



### Addressable Devices

The Fire•Lite D365PL(A) intelligent non-relay photoelectric duct smoke detector and DNRW watertight non-relay photoelectric duct smoke detector feature a pivoting housing that fits both square and rectangular footprints capable of mounting to a round or rectangular duct.

The DNRW duct smoke detector, with its NEMA-4 rating, is listed as a watertight, UV resistant enclosure providing protection against falling dirt, rain, and windblown dust, splashing and hose directed water, allowing operators to use the detector in the most extreme environments.

These units sense smoke in the most challenging conditions, operating in airflow speeds of 100 to 4,000 feet per minute (0.5 – 20.32 m/s), temperatures of -4°F – 158°F (-20°C – 70°C), and a humidity range of 0 – 93 percent (non-condensing).

An improved cover design isolates the sensor head, which allows for ease of maintenance. A cover tamper feature indicates a trouble signal for a removed or improperly installed sensor cover. The housing provides a 3/4-inch conduit knockout and ample space to facilitate easy wiring and mounting of a relay module.

The Fire•Lite D365PL(A) duct smoke detectors can be customized to meet local codes and specifications without additional wiring and are compatible with all previous models, including remote test accessories.

### Features

- Photoelectric, integrated low-flow technology
- Air velocity rating from 100 ft/min – 4,000 ft/min (0.5 m/s – 20.32 m/s)
- Versatile mounting options: square or rectangular configuration
- Broad ranges for operating temperature (-4°F – 158°F, -20°C – 70°C) and humidity (0% – 93% non-condensing)
- Sampling tube installs from front or back of the detector with no tools required
- Cover tamper signal
- Increased wiring space with a newly added 3/4" conduit knockout
- Easily accessible code wheels on sensor head (Included with D365PL/D365PLA)
- Clear cover for convenient visual inspection (D365PL(A) only)
- Remote testing capability
- Requires com line power only
- Housing accommodates an addressable relay module, sold separately, (CRF-300) for applications requiring a Form-C relay

### Specifications

**Size: (Rectangle)** 14.38 in (37 cm) Length; 5 in (12.7 cm) Width; 2.5 in (6.6 cm) Depth

**Size: (Square)** 7.75 in (19.7 cm) Length; 9 in (22.9 cm) Width; 2.5 in (6.35 cm) Depth

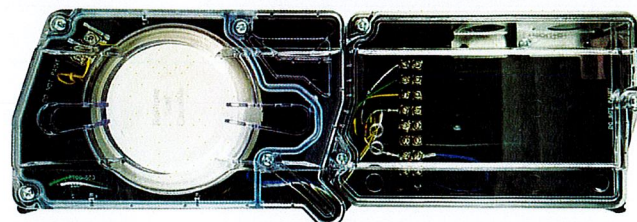
**Weight:** 1.6 lb (0.73 kg)

**Operating Temperature Range:** -4°F – 158°F (-20°C – 70°C)

**Storage Temperature Range:** -22°F – 158°F (-30°C – 70°C)

**Operating Humidity Range:** 0% – 93% relative humidity (non-condensing)

**Air Duct Velocity:** 100 – 4,000 ft/min (0.5 – 20.32 m/s)



### Accessories

Fire•Lite provides system flexibility with a variety of accessories, including two remote test stations and different means of visible and audible system annunciation. As with our duct smoke detectors, all duct smoke detectors accessories are UL listed.

#### ACCESSORY CURRENT LOADS AT 24 VDC

Device	Standby	Alarm
RA100Z	0mA	12mA Max
RTS151/RTS151KEY	0mA	12mA Max

### Agency Listings and Approvals

Consult product manual for lists of compatible UL-Listed devices. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL:** S1059
- **ULC:** S1059
- **CSFM:** 3242-0075:0508
- **FM approved**

### Product Line Information

**NOTE:** "A suffix indicates ULC listed model.

**D365PL(A):** Intelligent non-relay photoelectric low flow smoke detector housing. Includes SD365R(A)-IV detector.

**DNRW:** Watertight intelligent non-relay photoelectric low flow duct smoke detector housing. Requires photoelectric smoke detector (sold separately). NEMA-4 rated.

**SD365R(A)-IV:** Remote test capable addressable low-profile photoelectric smoke detector; ivory; supports CLIP and LiteSpeed™ protocols

**SD365R(A):** Remote test capable addressable low-profile photoelectric smoke detector; white; supports LiteSpeed protocol only

**SD365(A)-IV:** Addressable low-profile photoelectric smoke detector; ivory; supports CLIP and LiteSpeed protocols

**SD365(A):** Addressable low-profile photoelectric smoke detector; white; supports LiteSpeed protocol only

**SD365T(A):** Addressable low-profile photoelectric smoke detector with a built-in 135°F (57°C) fixed-temperature thermal device; white; supports LiteSpeed protocol only

**SD365T(A)-IV:** Addressable low-profile photoelectric smoke detector with a built-in 135°F (57°C) fixed-temperature thermal device; ivory; supports LiteSpeed protocol only



**DUCTCOV:** Retrofit D355PL(A) cover for detectors manufactured prior to April 2014

**DUCTCOVW:** Retrofit DNRW cover for detectors manufactured prior to April 2014

**DST1:** Metal sampling tube duct width up to 1 ft (0.3 m)

**DST1.5:** Metal sampling tube duct widths up to 1 ft – 2 ft (0.3 – 0.6 m)

**DST3:** Metal sampling tube duct widths up to 2 ft – 4 ft (0.6 – 1.2 m)

**DST5:** Metal sampling tube duct widths up to 4 ft – 8 ft (1.2 – 2.4 m)

**DST10:** Metal sampling tube duct widths up to 8 ft – 12 ft (2.4 – 3.7 m)

**DH400OE-1:** Weatherproof enclosure

**ETX:** Metal exhaust tube duct, width 1 ft (0.3 m)

**M02-04-00:** Test magnet

**P48-21-00:** End cap for metal sampling tubes

**RA100Z(A):** Remote annunciator alarm LED

**RTS151:** Remote test station

**RTS151KEY(-A):** Remote test station with key lock

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This document is not intended to be used for installation purposes.  
We try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice.

For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)

Country of Origin: Mexico

# ECC-50/100(E)

## Emergency Command Center



### Emergency Communications

#### General

Fire-Lite's ECC-50/100 and ECC-50/100E are multipurpose emergency voice evacuation panels for fire applications, mass notification applications, or both. The Primary Operating Consoles (POCs) deliver 50 or 100 watts of audio power for distribution to up to eight speaker circuits (i.e. zones). The ECC-50/100(E) comes standard with a single speaker circuit and a built-in 25Vrms, 50 watt amplifier. A secondary 50 watt amplifier (ECC-50W-25/70V) can be added for single speaker circuit backup or to increase system capacity to two speaker circuits and an additional 50 watts of audio power. An optional ECC-CE6 module added to the ECC-50/100(E) will upgrade the system to a maximum of eight speaker circuit outputs. All speaker output circuits can be wired in either Style Y (Class B) or Style Z (Class A) configuration. The ECC-50/100(E) has fourteen field programmable messages (up to 60 seconds each), built-in field configurable pre- and post-announce tone generators and a fully supervised Notification Appliance Circuit (NAC) with 2.0 amps of synchronized NAC power. The ECC-50/100(E) includes three built-in Form-C relay contacts, (AC power, trouble and MNS active) a NAC follower input for triggering the on board NAC circuit and 500mA special application power. A built-in power supply with switch mode technology delivers operational power to the panel and an onboard battery charger supports charging up to 26AH batteries (ECC cabinet holds up to 18AH batteries).

For fire protection applications, the ECC-50/100(E) is an adjunct (slave) to any UL listed FACP, providing reverse polarity or contact closure; can be used as a stand-alone unit for non-fire applications. For seamless integration between fire and mass notification, the ECC-50/100(E) can be directly activated via serial communication between the ES-200X, MS-9600(UD)LS, or MS-9200UDLS. Activation of the ECC-50/100(E) via other FACPs uses the eight on board Command Input Circuits (CMDs). Two of the eight CMD circuits (CMD 1 & CMD 2) can be individually field programmed for activation by an FACP Notification Appliance Circuit reverse polarity and all eight can be activated by a contact closure. In addition, the ECC-50/100(E) can be activated from a building's Private Branch Exchange (PBX) with the integral night ring feature.

All ECC-50/100(E) programming is done by using a simple, built-in programming utility accessed from any laptop. For added flexibility, the ECC-50/100(E) supports both 25Vrms and 70.7Vrms speaker output operation. By adding a 70V transformer conversion module (ECC-XRM-70V) or an additional 70.7 volt secondary amplifier (ECC-50W-25/70V) the system supports 70.7 volt speaker devices.

The ECC-50/100(E) can expand in order to accommodate larger or more complex installations. To add more control and increase system capacity, any combination of up to eight external remote consoles (including the ECC-LOC, ECC-RPU, and ECC-RM) and up to eight distributed audio amplifiers (including the ECC-50DA(E), ECC-50BDA and ECC-125-DA(E)) can be connected on the external data bus and audio riser data bus to create a fully integrated command center. A fully loaded system supports up to 1100 watts of total audio power and up to 24 speaker circuit outputs.

#### TYPICAL APPLICATIONS

- Schools
- Healthcare Facilities
- Factories
- Theaters
- Military facilities
- Restaurants
- Auditoriums
- Places of Worship
- Office Buildings
- Dormitories



#### Features

- UL Listed to UL 2572 Communication (Control Units Mass Notification Systems) and UL 864 (emergency voice evacuation for fire)
- Modular design for system flexibility and easy expansion
- Removable terminal blocks for ease of servicing and module replacement
- 50 watts of 25V audio power (expandable to 100 watts) RMS
- 2 amp Notification Appliance Circuit (NAC) output, sync generator, or follower for System Sensor, Wheelock or Gentex protocols
- Optional 70.7VRMS conversion transformer available for the primary amplifier. (Note that speaker wiring continues to be supervised in standby, alarm and when background music is playing with this optional transformer installed)
- Eight Command Input Circuits to activate messages 1 to 8:
  - CMD1 and CMD2 are field selectable to be activated from 12 or 24 VDC Notification Appliance Circuits (reverse polarity) or contact closures
  - CMD3-CMD8 are activated by contact closures
- Speaker Circuits
  - Single Style Y (Class B) or Style Z (Class A) speaker Circuit
  - Two Style Y (Class B) or Style Z (Class A) speaker circuits (with optional ECC-50W-25/70V Audio Amplifier installed)
  - Eight Style Y (Class B) or Style Z (Class A) speaker circuits (with optional ECC-50W-25/70V and ECC-CE6 installed)
- 520Hz square wave tones available, which can be uploaded to the ECC-50/100 to meet NFPA Low Frequency requirements (Refer to the Device Compatibility Document 15384 for listed compatible speakers.)
- ECC-50/100(E) can be controlled by an FACP via the ANN/ACS (EIA-485) link. Compatible FACPs include the ES-200X, MS-9600(UD)LS, and MS-9200UDLS



- Certified for seismic applications when used with the appropriate seismic mounting kit
- Integral supervised microphone
- Microphone time-out feature which reverts back to prerecorded message if emergency page exceeds the programmed time
- 14 recorded messages
- Field-selectable message and custom message recording capability using the local microphone, a USB port, or an external audio input
- External Audio Input can be used for background music
- Up to 60 second message duration for all messages
- Integral tone generators field selectable for multiple tone types
- Powered by integral AC power supply or batteries during AC fail
- Programmable delay of immediate, 2 hours or 6 hours reporting of AC Loss
- Piezo sounder for local trouble
- 100 event history log
- Three Form-C relays:
  - AC Power Loss Relay - TB1
  - System Trouble Relay - TB2
  - MNS Active - TB3
- 500mA (0.5A) Special Application (auxiliary power) output for addressable modules when interfaced with compatible addressable FACP's and End-of-Line power supervision relays
- System Status LEDs (*Refer to "Controls and Indicators" in product manual LS10001-000FL-E.*)
- Integral Dress Panel
- Optional TR-CE semi-flush trim ring
- Any combination of up to eight (8) external remote consoles:
  - Optional ECC-RM Remote Microphone (includes cabinet) See DF-60760.
  - Optional ECC-RPU Remote Page Unit (includes cabinet) See DF-60761.
  - Optional ECC-LOC Local operator console (includes cabinet) See DF-60762.
- Any combination of up to eight (8) distributed audio amplifiers:
  - Optional ECC-50DA(E) distributed amplifier, 50 watts. See DF-60763.
  - Optional ECC-125DA(E) distributed amplifier, 125 watts. See DF-60763.
  - Optional ECC-50BDA distributed amplifier with backup, 100 watts. See DF-60760.

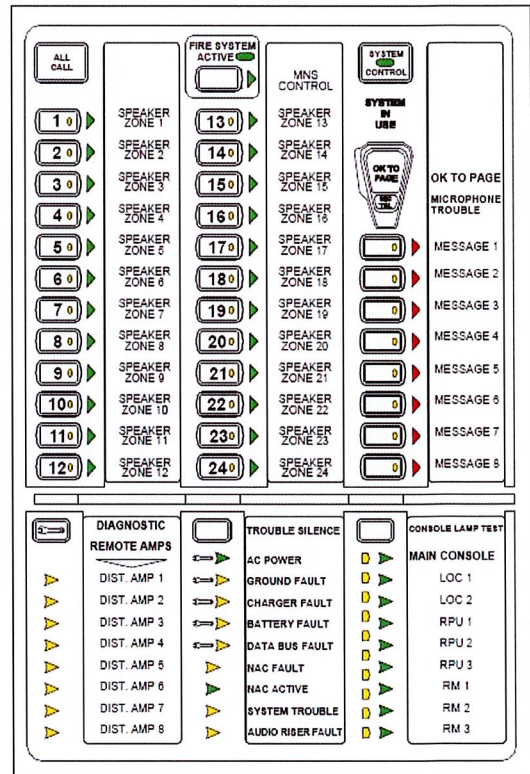
## Optional Internal Expansion Modules

**ECC-CE6:** Circuit Expander Module provides connections for up to six Style Z (Class A) or Style Y (Class B) speaker circuits. Circuits are configured through the web-based programming utility.

**ECC-50W-25V:** 25V, 50 watt audio amplifier module. Adding a second speaker circuit increases the total ECC-50/100 power output to 100 watts or can also be used as a backup amplifier.

**ECC-50W-70V:** 70V, 50 watt audio amplifier module. Adding a second speaker circuit increases the total ECC-50/100 power output to 100 watts or can also be used as a backup amplifier.

**ECC-XRM-70V:** 70V Transformer Conversion Module. Converts the ECC-50/100(E) primary amplifier to a 70V output. This transformer mounts directly to the ECC-50/100(E) main control board by two metal brackets.



## Control and Indicators

### PUSH BUTTON CONTROLS

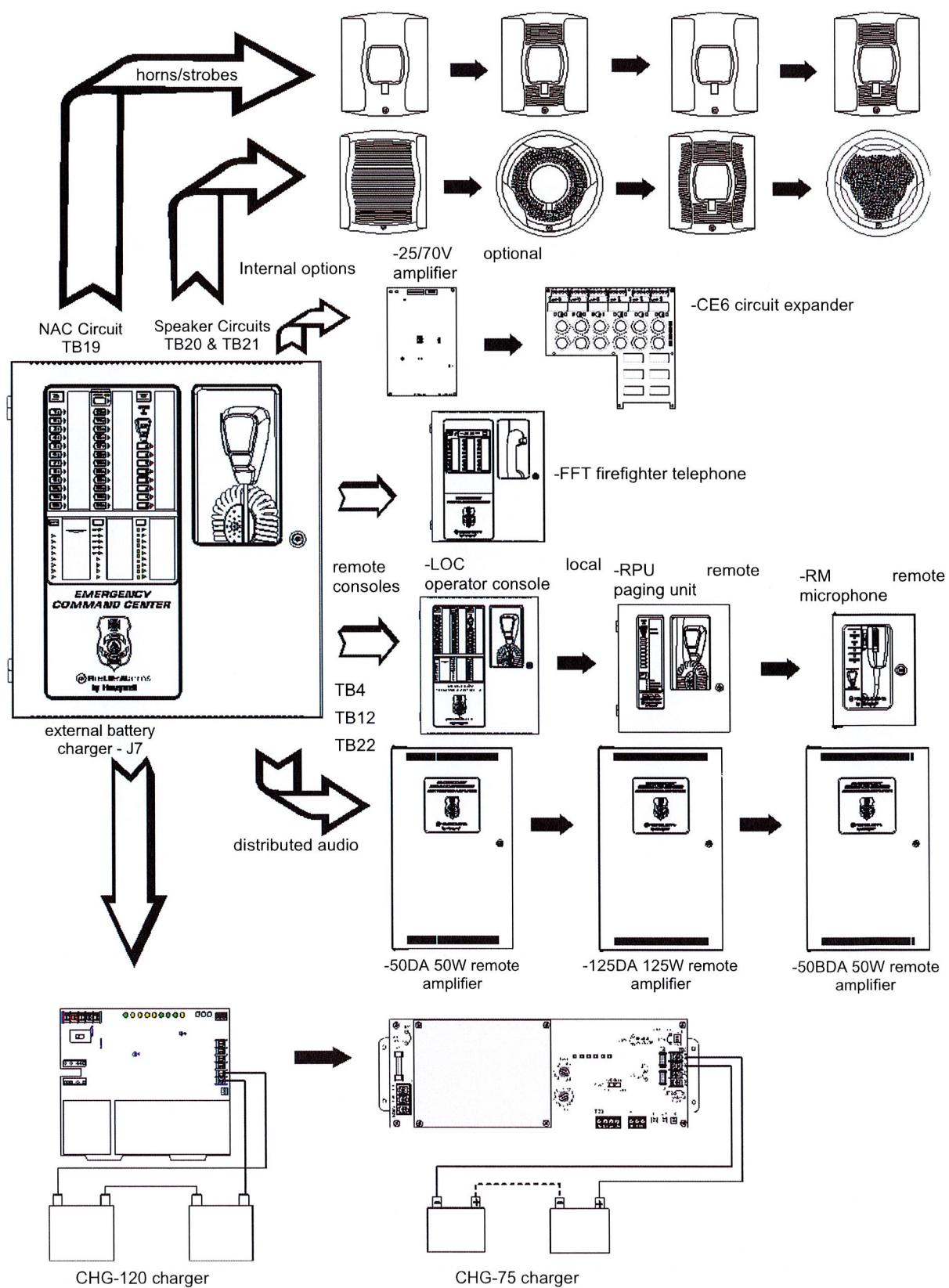
- |                       |                       |
|-----------------------|-----------------------|
| • All Call            | • Message Select 1-14 |
| • MNS Control         | • Diagnostic Select   |
| • System Control      | • Trouble Silence     |
| • Speaker Select 1-24 | • Console Lamp Test   |

### LED Status Indicators (visible with door closed)

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| • Fire System Active (green)          | • LOC/RPU/RM 1-8 Active (green) |
| • MNS Control (green)                 | • Main Console Fault (yellow)   |
| • System Control (green)              | • AC Power (green)              |
| • System in Use (green)               | • Ground Fault (yellow)         |
| • Speaker Zone 1-24 Active (green)    | • Charger Fault (yellow)        |
| • Speaker Zone 1-24 Fault (yellow)    | • Battery Fault (yellow)        |
| • OK to Page (green)                  | • Data Bus Fault (yellow)       |
| • Microphone Trouble (yellow)         | • NAC Fault (yellow)            |
| • Message 1-8 Active (red)            | • NAC Active (green)            |
| • Message 1-8 Fault (yellow)          | • System Trouble (yellow)       |
| • Remote Amplifier 1-8 Fault (yellow) | • Audio Riser Fault (yellow)    |
| • LOC/RPU/RM 1-8 Fault (yellow)       |                                 |

### LED Indicators (visible with door and dress panel open)

- Speaker Volume Control Fault (yellow)
- Option Card Fault (yellow)
- Amplifier Over Current Fault (yellow)





## Product Line Information

**ECC-50/100:** (Primary Operating Console) 50 Watt, 25VRMS single speaker zone emergency voice evacuation system, integral microphone, built in tone generator and 14 recordable messages.

**ECC-50/100E:** Export version (Primary Operating Console) 50 Watt, 25VRMS single speaker zone emergency voice evacuation system, integral microphone, built in tone generator and 14 recordable messages. (240 VAC, 50Hz).

**ECC-CE6:** Speaker Circuit/Zone Expander Module.

**ECC-50W-25V:** 25V, 50 watt audio amplifier module. Adding a second speaker circuit increases the total ECC-50/100 power output to 100 watts or can also be used as a backup amplifier.

**ECC-50W-70V:** 70V, 50 watt audio amplifier module. Adding a second speaker circuit increases the total ECC-50/100 power output to 100 watts or can also be used as a backup amplifier.

**ECC-XRM-70V:** 70V Transformer Conversion Module. Converts the ECC-50/100(E) primary amplifier to a 70V output. This transformer mounts directly to the ECC-50/100(E) main control board by two metal brackets.

**ECC-LOC:** Local Operator Console (Complete user interface). Please refer to the data sheet DF-60762 for more information.

**ECC-RPU:** Remote Page Unit Hand held microphone, 14 message buttons. Please refer to the data sheet DF-60761 for more information.

**ECC-RM:** Remote Microphone only. Please refer to the data sheet DF-60760 for more information.

**ECC-50DA:** Distributed (Remote) Audio Amplifier, 50 watts. Please refer to the data sheet DF-60763 for more information.

**ECC-50DAE:** Export version. Distributed (Remote) Audio Amplifier, 50 watts. (240 VAC, 50Hz). Please refer to the data sheet DF-60763 for more information.

**ECC-125DA:** Distributed (Remote) Audio Amplifier, 125 watts. Please refer to the data sheet DF-60763 for more information.

**ECC-125DAE:** Export version. Distributed (Remote) Audio Amplifier, 125 watts. (240 VAC, 50Hz). Please refer to the data sheet DF-60763 for more information.

**ECC-50BDA:** Distributed (Remote) Audio Amplifier with back up, 50 watts/100 watts at 25Vrms or 70Vrms. Please refer to the data sheet DF-60763 for more information.

**ECC-50WBU:** Expander card for ECC-50BDA remote amplifier for 100 watt primary / 50 watt back up operation. Please refer to the data sheet DF-60763 for more information.

**ECC-CE4:** Distributed Audio Speaker Circuit/Zone expander module.

**ECC-FFT:** Fire Fighter Telephone System. Please refer to the data sheet DF-60765 for more information.

**ECC-RTZM:** Remote Telephone Zone Module. Allows for secure access to the ECC via cell phone or remote telephone means; not UL listed. Please refer to the data sheet DF-60785 for more information.

**SEISKIT-COMMENC:** Seismic kit for the ECC-50/100. Includes battery bracket for two 12 AH or 18 AH batteries.

**FPJ-F:** Remote Phone Jack.

**FHS-F:** Fire Fighters Remote Handset.

**FHSC-RF:** Fire Fighters Handset Cabinet Recessed.

**FHSC-SF:** Fire Fighters Handset Cabinet Surface Mount.

**MMF-301:** Addressable Mini-Monitor Module.

**I300:** SLC Line Isolation Module.

**TR-CE:** Optional Trim Ring.

**THUMBLTCH:** Optional Thumb Latch. (Non UL-Listed).

**CHG-75:** 25 to 75 ampere-hours (AH) External Battery Charger.

**CHG-120F:** 25-120 ampere-hours (AH) External Battery Charger.

**ECC-MICROPHONE:** Replacement Microphone only.

**BAT-1270:** Battery, 12 volt, 7.0 AH (Two required).

**BAT-12120:** Battery, 12 volt, 12.0 AH (Two required).

**BAT-12180:** Battery, 12 volt, 18.0 AH (Two required).

## Wiring Requirements

See product manual, part number LS10001-000FL-E for detailed wiring requirements.

## Total System Capacity: (ECC-50/100(E) only)

- Total Built-in Audio Power: 50 Watts.
- Total Expandable Audio Power: 100 Watts.
- Total Built-in Speaker Circuits: 2.
- Total Expandable Speaker Circuits: 8.
- Audio Message Max Time Duration: 60 seconds.
- External Audio Input: 1.

## Total System Capacity: (Fully Loaded System)

- Total Distributed Audio Power: 1100 Watts.
- Total Speaker Circuits Per System: 24.
- Total Remote Consoles Supported: 8.
- Total Distributed Audio Amplifiers Supported: 8.

## Electrical Specifications

### PRIMARY (AC) POWER (TB15)

**ECC-50/100:** 120 VAC, 60 Hz, 3.5 amps.

**ECC-50/100E:** 240 VAC, 50 Hz, 2.0 amps.

Wire size: minimum #14 AWG (2.00mm<sup>2</sup>) with 600 V insulation.

### SECONDARY POWER (BATTERY) CHARGING CIRCUIT (J7)

- Supports lead-acid batteries only.
- Float charge voltage at 27.3V
- Maximum charge current: 1.0 Amp
- Maximum battery charge capability: 2.8 Amps, 26AH (ECC cabinet holds max. 18AH battery).
- Minimum Battery size: 12 Amp Hour.

### AC LOSS RELAY CONTACT RATING (TB3)

- 2.0 amps @ 30 VDC (resistive), 0.5 amps @ 30 VAC (resistive).

### FORM C - TROUBLE RELAY CONTACT RATING (TB2)

- 2.0 amps @ 30 VDC (resistive), 0.5 amp @ 30 VAC (resistive).

### MNS ACTIVE RELAY CONTACT RATING (TB1)

- 2.0 amps @ 30 VDC (resistive), 0.5 amps @ 30 VAC (resistive).

### NOTIFICATION APPLIANCE CIRCUIT (NAC) OUTPUT RATING (TB19)

- One (1) Style Y (Class B) or Style Z (Class A) circuit.
- Power-limited circuitry, (Class 2) supervised.
- Nominal operating voltage: 24 VDC.
- Maximum signaling current for special application power: 2.0A.
- Maximum signaling current for regulated power: 200mA.
- Maximum wiring impedance: 1Ω.
- Current limit: fuse-less, electronic, power-limited.



- End-Of-Line Resistor: 4.7 K $\Omega$ , ½ watt, (P/N 71252) required for Style Y (Class B) operation.

*Refer to the Device Compatibility Document 15384 for listed compatible devices.*

#### **NAC FOLLOWER OUTPUT REMOTE SYNC (TB18)**

- Connections for FACP NAC synchronization trigger signal.
- Output terminals: pass-through to other system components.
- Trigger input voltage: 9 to 32 VDC, 24 VDC rated.
- Input current draw in Alarm condition: 10 mA at rated voltage.

#### **SPECIAL APPLICATION POWER (AUX. POWER) (TB17)**

- 500 mA @ 24 VDC.
- Used for powering addressable modules and associated End-of-Line power supervision relays.

*Power-limited circuitry. Refer to the Device Compatibility Document 15384 for a list of compatible devices.*

#### **SPEAKER VOLUME CONTROL OVERRIDE (TB23)**

- Style Y (Class B) or Style Z (Class A) circuit.
- Special application power.
- Power-limited circuitry, supervised.
- Nominal operating voltage: 24 VDC.
- Maximum signaling current: 0.25 amps.
- Current limit: fuse-less, electronic, power-limited.
- End-Of-Line Resistor: 4.7 K $\Omega$ , ½ watt, (P/N 71252) required for Style Y (Class B) operation.

#### **SPEAKER CIRCUITS**

- Primary Speaker Circuit (TB20)
- Secondary Speaker Circuit (TB21) (with optional amplifier only).
  - Circuit can be wired Style Y (Class B) or Style Z (Class A).
  - Power-limited circuitry.
  - Normal Operating Voltage: 25 VRMS @ 2 amps max and maximum Load Impedance of 12.5 $\Omega$  (70.7 VRMS @ 700 mA max. with maximum load Impedance of 100 $\Omega$  operation possible by plugging optional ECC-XRM-70V conversion transformer into J12 of the main control board).
  - Output Power: 50 watts (10 watts when background music is employed).
  - Frequency Range: 400Hz - 4,000Hz.
  - Maximum total capacitance for each speaker circuit: 250  $\mu$ F.
  - End-of-Line Resistor required for Style Y circuit: 15 K $\Omega$ , 1 watt (P/N: ELR-15K).

#### **COMMAND INPUT CIRCUITS (ALARM POLARITIES SHOWN)**

CMD1 - TB4 Terminals 3(+) & 4(-) are input terminals and Terminals 1(-) and 2(+) are output terminals which provide feed through of the NAC circuits to NAC devices down stream.

CMD2 - TB5 Terminals 3(+) & 4(-) are input terminals and Terminals 1(-) and 2(+) are output terminals which provide feed through of the NAC circuits to NAC devices downstream.

CMD3 - TB6 Terminals 1(+) & 2(-) are input terminals for contact closure only.

CMD4 - TB6 Terminals 3(+) & 4(-) are input terminals for contact closure only.

CMD5 - TB7 Terminals 1(+) & 2(-) are input terminals for contact closure only.

CMD6 - TB7 Terminals 3(+) & 4(-) are input terminals for contact closure only.

CMD7 - TB8 Terminals 1(+) & 2(-) are input terminals for contact closure only.

CMD8 - TB8 Terminals 3(+) & 4(-) are input terminals for contact closure only.

- Power-limited and supervised circuitry.
- Normal Operating Voltage Range: 10.5 VDC - 29 VDC; (Maximum Voltage: 29 VDC).
- NAC Reverse Polarity Current (requires End-of-Line Resistor from NAC): 1.6 mA maximum.
- Contact Closure Operation Current (requires 4.7K $\Omega$ , ½ watt End-of-Line Resistor P/N 27072): 6.6 mA maximum.
- Maximum Wiring Impedance CMD1 - CMD8 (Contact Closure Operation): 200 $\Omega$ .

**NOTE:** When the system is programmed for Mass Notification, CMD1 and CMD2 will be programmed for Reverse Polarity only. See manual P/N LS10001-000FL-E for more details.

#### **MAXIMUM INPUT IMPEDANCE:**

- CMD1 & CMD2 (Reverse Polarity Operation): 20K $\Omega$ .
- CMD1 - CMD8 (Contact Closure Operation): 4.75K $\Omega$ .

#### **NIGHT RING INPUT - TB16, TERMINALS 1 (+) & 2 (-)**

- Contact closure input.
- Isolated, non-supervised.
- Operation current: 3.8 mA, maximum.
- Maximum wiring impedance: 30K $\Omega$ .
- Minimum isolation withstand voltage: 1500 VRMS.

#### **EXTERNAL OPERATOR INTERFACE POWER OUTPUT (TB24)**

- Non-resettable power for external operator interface components.
- Power-limited circuitry, non-supervised.
- Nominal operating voltage: 24 VDC.
- Maximum output current: 0.80 amps.
- Current limit: fuse-less, electronic, power-limited circuit.

#### **EXTERNAL DATA BUS (EIA-485) (TB12)**

- Data connections for external operator interface components.
- Redundant transceiver circuitry for Class A operability.
- Power-limited circuitry, supervised.
- Maximum wiring impedance: 13.2 $\Omega$

#### **FACP DATA BUS (EIA-485) (TB13)**

- Dedicated connection to FACP serial bus.
- Output terminals: pass-through to other system components.
- Isolated, supervised.
- Minimum isolation withstand voltage: 1500 VRMS.
- Maximum wiring impedance: 40 $\Omega$  (ANN-BUS), 26 $\Omega$  (ACS-BUS).
- External Audio Riser (TB22).
- Style Y (Class B) or Style Z (Class A) audio connections to external operator interface components.
- Power-limited circuitry, supervised.
- Audio signal level: 3.85 V, maximum.
- Frequency range: 400 Hz - 4 KHz RMS.
- Frequency range (ECC-50/125DA): 800Hz - 2KHz RMS.



## Electrical Specifications Display Board

### EXTERNAL AUDIO INPUT (TB5)

- Input Impedance: 8.5K $\Omega$  nominal @1KHz
- Input Voltage: 700 mV rms maximum
- Input Current: 0.1 mA maximum @ 700 mV

**NOTE:** Some laptops/personal computers only provide an audio output for headphones. It may be necessary to adjust the headphone output level for proper recording of voice messages.

## ECC-CE6 Circuit Expander Module Specifications

- Power-limited circuitry.
- Up to six (6) circuits on the ECC-CE6 can be wired as Style Y (Class B) or Style Z (Class A).
- Normal Operating Voltage for Speaker Circuits: 25 VRMS @ 2.0 amps max. (Maximum Load Impedance of 12.5 $\Omega$ ).
- 70.0 VRMS @ 700 mA max. with maximum Load Impedance of 100 $\Omega$  operation possible for the primary circuit by plugging in an optional ECC-XRM-70V conversion transformer into J12 of the main control board. The same operation is possible for the optional 50W amplifier by selecting the ECC-50W-70V model.
- Speaker circuit wiring is supervised during standby, background music, and alarm.
- Output Power: 50 watts total; Frequency Range: 400Hz - 4,000Hz.
- Maximum total capacitance: 250  $\mu$ F. (Note that the total capacitance for the speaker outputs must not exceed the maximum of 250  $\mu$ F.)
- End-of-Line Resistor required for Style Y (Class B) speaker circuit: 15 K $\Omega$ , 1 watt (P/N: ELR-15K) TB13 on the main control board: ACS/ANN (EIA-485) electrically isolated link to FACP provides programmed speaker control.

## Cabinet Specifications

- Backbox: 19.0"(48.26 cm) high x 16.65"(42.29 cm) wide x 5.20"(13.23 cm) deep.
- Door: 19.26" (48.92 cm) high x 16.82"(42.73 cm) wide x 0.12"(0.30 cm) deep.
- Trim Ring (TR-CE): 22.00" (55.88 cm) high x 19.65" (49.91 cm) wide.

## Shipping Specifications

Base Unit Weight: 27.85 lbs (12.63 kg).

## Temperature and Humidity ranges

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93%  $\pm$  2% RH (noncondensing) at 32°C  $\pm$  2°C (90°F  $\pm$  3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

## Agency Listings and Approvals

The listings and approvals below apply to the basic ECC-50/100(E) control panel. In some cases, certain modules may not be listed by certain approval agencies or listing may be in process. Consult factory for latest listing status.

- UL/ULC Listed: S2424
- CSFM: 6911-0075:0226
- NYC Fire Dept. Certificate of Approval: #6152
- FM Approved

## Standards and Codes

The ECC-50/100(E) complies with the following UL Standards, NFPA 72, International Building Codes, and California Building Codes.

- UL 864
- UL 2572
- UFC 4-021-01
- IBC 2012, IBC 2009, IBC 2006, IBC 2003, IBC 2000 (Seismic)
- CBC 2007 (Seismic)

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We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice.

For more information, contact Fire-Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)



Country of Origin: USA



# ES-200X

## Intelligent Addressable FACP with Communicator



### Addressable Fire Alarm Control Panels

#### General

The **ES-200X** is the latest intelligent addressable Fire Alarm Control Panel (FACP) from Fire•Lite Alarms and is a direct replacement for the MS-9200UDLS. The ES-200X comes with a pre-installed communicator and supports up to 198 addressable devices (99 detectors and 99 modules). With an extensive list of powerful features, the ES-200X programs just like Fire•Lite's other addressable products, yet fits into applications previously served only by conventional panels.

The pre-installed IPOTS-COM is a dual technology (POTS and IP) communicator. The POTS transmits system status (alarms, troubles, AC loss, etc.) to a Central Station via the public switched telephone network. The IP communicator's internet monitoring capability sends alarm signals over the Internet saving the monthly cost of two dedicated business telephone lines. Although not required, the secondary telephone line may be retained providing backup communication over the public switched telephone line. Optional cellular reporting is available using the CELL-MOD or CELL-CAB-FL.

Remote and local programming of the control panel is possible using the FS-Tools Upload/Download utility. Programming databases can be uploaded/downloaded via the panel's USB port (and USB cable) or via an ethernet connection using the IPOTS-COM communicator. The USB port also allows for the download or upload of the entire program, history file, walk-test data, current status and system voltages by means of a USB flash drive.

The power supply and all electronics are contained on a circuit board supported on a new quick install chassis and housed in a metal cabinet. Available accessories include local and remote upload/download software, remote annunciators, and reverse polarity/city box transmitter (4XTMF).

#### Features

- Listed to UL Standard 864, 10th edition
- Pre-installed IPOTS-COM Ethernet IP and POTS (Plain Old Telephone Service) Central Station Communicator over AlarmNet
- Optional CELL-MOD or CELL-CAB-FL GSM Central Station Communicator over AlarmNet®
- Automated activation of the ECC-50/100 Emergency Command Center
- ECC-FFT Firefighter Telephone option
- Compatible with SWIFT® wireless devices
- Auto-programming (learn mode) reduces installation time. Reports two devices set to the same address
- Four built-in, independently programmable Style Z (Class A) or Style Y (Class B) NAC circuits
- Selectable strobe synchronization for System Sensor, Wheelock, and Gentex devices
- Notification Appliance Circuit End of Line resistor matching
- Four programmable function keys for ease of maintenance
- Two programmable relays and one fixed trouble relay
- Built-in Programmer
- Integral 80-character LCD display with backlighting
- Real-time clock/calendar with automatic daylight savings control
- History file with 1,000 event capacity
- Addressable sounder base compatibility
- Multi-criteria detector (smoke, heat, CO) with programmable response
- Control module delay timer
- Automatic detector sensitivity testing (NFPA 72 compliant)
- Automatic device type-code verification
- Point trouble identification
- Waterflow selection per module point



- Alarm verification selection per detector point
- Maintenance alert warns when smoke detector dust accumulation is excessive
- One-person audible or silent walk test with walk-test log and printout
- System alarm verification selection per detector point
- PAS (Positive Alarm Sequence) and Pre-signal per point (NFPA 72 compliant)
- Up to 16 ANN-BUS annunciators- 8 per each ANN-Bus
- Remote Acknowledge, Alarm Silence, Reset and Drill via addressable modules or remote annunciator
- Upload/Download of program and data via USB with optional FS-Tools Programming Utility

#### SLC COMMUNICATION LOOP

- Supports LiteSpeed™ and CLIP protocols
- SLC operates up to 10,000 ft. (3,000 m) in LiteSpeed mode with twisted, unshielded wire
- Single addressable SLC loop which meets NFPA Class B and Class A requirements
- 198 addressable device capacity (99 addressable detectors and 99 modules)
- Compatible with Fire•Lite's addressable devices (refer to the SLC Wiring Manual)

#### NOTIFICATION APPLIANCE CIRCUITS (NACS)

- Four independently programmable output circuits. Circuits can be configured for the following outputs:
  - Style Y (Class B)
  - Style Z (Class A)
- Silence Inhibit and Autosilence timer options
- Continuous, March Time, Temporal, or California code for main circuit board NACs with two-stage capability
- Selectable strobe synchronization per NAC
- 2.5 A special application, 250mA regulated, total power for NACs

**NOTE:** Maximum or total 24VDC system power shared between all NAC circuits and the ANN-BUS is 2.7 A



## PROGRAMMING AND SOFTWARE

- Autoprogramming (learn mode) reduces installation time
- Custom English labels (per point) may be manually entered or selected from an internal library file
- Two programmable Form-C relay outputs
- 99 software zones
- Continuous fire protection during online programming
- Program Check automatically catches common errors not linked to any zone or input point
- **OFFLINE PROGRAMMING:** Create the entire program in your office using FS-Tools, a Windows®-based software package, and upload/download system programming locally. Offline programming requires an ethernet connection. FS-Tools is available on [www.firelite.com](http://www.firelite.com).

## User interface

### LED INDICATORS

- Fire Alarm (red)
- CO Alarm (red)
- AC Power (green)
- Supervisory (yellow)
- Trouble (yellow)
- Ground fault (yellow)
- Battery fault (yellow)
- Disabled (yellow)
- Maintenance (yellow)
- Communication (yellow)
- Alarm Silenced (yellow)
- F1-F4 Programmable Function Keys (yellow)

### KEYPAD

- 16 key alpha-numeric pad
- Acknowledge
- Alarm Silence
- Drill (Manual Evacuate)
- Four (4) programmable function keys
- Reset (lamp test)

## PRODUCT LINE INFORMATION

**ES-200X:** Addressable Fire Alarm Control Panel with one SLC loop. Includes main circuit board with display, pre-installed communicator, chassis with transformer, backbox with door, plastic bag containing screws, cables, key, etc. (For ES-200XC, refer to DF-60958.)

**FS-Tools:** Programming software for Windows®-based PC computer. Available for download at [www.firelite.com](http://www.firelite.com).

**CELL-CAB-FL/CELL-MOD:** Optional GSM communicators.

**IPOTS-COM:** Dual technology (POTS and IP) communicator. (replacement board)

**DP-ES-R:** Optional dress panel for the ES-200X.

**TR-CE:** Optional trim ring for semi-flush mounting.

**BB-2F:** Optional cabinet for one or two modules.

**BB-6F:** Optional cabinet for up to six modules mounted on CHS-6 chassis.

**BB-26:** Battery backbox, holds up to two 25 AH batteries and CHG-75.

**BB-55F:** Battery box, houses two 55 AH batteries

**CHS-6:** Chassis, mounts up to six multi-modules in a BB-6F cabinet.

**CHG-75:** Battery charger for lead-acid batteries with a rating of 25 to 75 AH.

**CHG-120F:** Remote battery charging system for lead-acid batteries with a rating of 55 to 120 AH. Requires additional BB-55F for mounting.

**BAT Series:** Batteries, see data sheet DF-52397.

**PRN Series:** UL listed compatible event printer. Uses tractor-fed paper.

## OPTIONAL MODULES

**4XTMF Reverse Polarity Transmitter Module:** Provides a supervised output for local energy municipal box transmitter, alarm and trouble. Includes a disable switch and disable trouble LED.

**PWRMOD24 Power Expander Module:** Optional power module. Increases alarm power output to 6 amps.

## COMPATIBLE ANNUNCIATORS

**ANN-80:** Remote LCD annunciator mimics the information displayed on the FACP LCD display. Recommended wire type is unshielded.

**ANN-100:** Remote LCD annunciator mimics the information displayed on the FACP LCD display. Recommended wire type is unshielded. For use in FM applications only.

**ANN-I/O:** LED Driver Module provides connections to a user supplied graphic annunciator. (See DF-52430.)

**ANN-LED:** Annunciator Module provides three LEDs for each zone: Alarm, Trouble, and Supervisory. Ships with red enclosure. (See DF-60241.)

**ANN-RLED:** Provides alarm (red) indicators for up to 30 input zones or addressable points. (See DF-60241.)

**ANN-RLY:** Relay Module provides 10 programmable Form-C relays. Can be mounted inside the cabinet. (See DF-52431.)

**ANN-S/PG:** Serial/Parallel Printer Gateway module provides a connection for a serial or parallel printer. (See DF-52429.)

## ADDRESSABLE DEVICES

*All feature a polling LED and rotary switches for addressing.*

**SD365:** Addressable low-profile photoelectric smoke detector. LiteSpeed only.

**SD365-IV:** Addressable low-profile photoelectric smoke detector. Ivory. LiteSpeed and CLIP mode.

**SD365T:** Addressable low-profile photoelectric smoke detector with thermal sensor. LiteSpeed only.

**SD365T-IV:** Addressable low-profile photoelectric smoke detector with thermal sensor. Ivory. LiteSpeed and CLIP mode.

**SD365R:** Remote test capable addressable photoelectric smoke detector for use with DNR(W) duct detector housing. LiteSpeed only.

**SD365R-IV:** Remote test capable addressable photoelectric smoke detector for use with DNR(W) duct detector housing. Ivory. LiteSpeed and CLIP mode.

**H365:** Low-profile 135°F fixed thermal sensor. LiteSpeed only.

**H365-IV:** Low-profile 135°F fixed thermal sensor. Ivory. LiteSpeed and CLIP mode.

**H365R:** Low-profile, intelligent, rate-of-rise thermal sensor. LiteSpeed only.

**H365R-IV:** Low-profile, intelligent, rate-of-rise thermal sensor. Ivory. LiteSpeed and CLIP mode.

**H365HT:** Low-profile intelligent 190°F/88°C fixed thermal sensor. LiteSpeed only.

**H365HT-IV:** Low-profile intelligent 190°F/88°C fixed thermal sensor. Ivory. LiteSpeed and CLIP mode.

## Legacy Devices

**CP355:** Addressable low-profile ionization smoke detector.

**SD355:** Addressable low-profile photoelectric smoke detector.

**SD355T:** Addressable low-profile photoelectric smoke detector with thermal sensor.

**SD355R:** Remote test capable addressable photoelectric smoke detector for use with DNR(W) duct detector housing.

**SD355CO:** Addressable, low-profile device that provides fire, heat, and carbon monoxide (CO) detection.

**H355:** Fast-response, low-profile heat detector.



**H355R:** Fast-response, low-profile heat detector with rate-of-rise option.

**H355HT:** Fast-response, low-profile heat detector that activates at 190°F/88°C.

**AD355:** Low-profile, intelligent, "Adapt" multi-sensor detector (B350LP base included).

**B200S:** Programmable, addressable sounder base.

**B200SR:** Addressable sounder base.

**BEAM355:** Intelligent beam smoke detector.

**BEAM355S:** Intelligent beam smoke detector with integral sensitivity test.

**D355PL:** InnovairFlex low-flow non-relay duct-detector housing; includes SD355R.

**DNR:** InnovairFlex low-flow non-relay duct-detector housing. (Order SD355R/SD365R separately.)

**DNRW:** InnovairFlex low-flow non-relay duct-detector housing, with NEMA-4 rating. Watertight. (Order SD355R/SD365R separately.)

#### **Addressable Modules**

**MMF-300:** Addressable Monitor Module for one zone of normally-open dry-contact initiating devices. Mounts in standard 4.0" (10.16 cm.) box. Includes plastic cover plate and end-of-line resistor. Module may be configured for either a Style B (Class B) or Style D (Class A) IDC.

**MDF-300:** Dual Monitor Module. Same as MMF-300 except it provides two Style B (Class B) only IDCs.

**MMF-301:** Miniature version of MMF-300. Excludes LED and Style D option. Connects with wire pigtails. May mount in device backbox.

**MMF-302:** Similar to MMF-300. Addressable Monitor Module for one zone of conventional two-wire detectors. Requires resettable 24 VDC power. Refer to the *Device Compatibility Document* for listed compatible devices and quantity limitation.

**CMF-300:** Addressable Control Module for one Style Y/Z (Class B/A) zone of supervised polarized Notification Appliances. Mounts directly to a 4.0" (10.16 cm.) electrical box. NAC option requires external 24 VDC to power notification appliances.

**CRF-300:** Addressable relay module containing two isolated sets of Form-C contacts, which operate as a DPDT switch. Mounts directly to a 4.0" (10.16 cm.) box, surface mount using the SMB500.

**BG-12LX:** Addressable manual pull station with interface module mounted inside.

**I300:** This module isolates the SLC loop from short circuit conditions (required for Style 6 or 7 operation).

**ISO-6:** Six-fault isolator module. Mount one or two modules in a BB-2F cabinet (optional). Mount up to six modules on a CHS-6 chassis in a BB-6F cabinet.

**SMB500:** Used to mount all modules except the MMF-301 and M301.

**MMF-300-10:** Ten-input monitor module. Mount one or two modules in a BB-2F cabinet (optional). Mount up to six modules on a CHS-6 chassis in a BB-6F cabinet.

**MMF-302-6:** Six-zone interface module. Mount one or two modules in a BB-2F cabinet (optional). Mount up to six modules on a CHS-6 chassis in a BB-6F cabinet.

**CMF-300-6:** Six-circuit supervised control module. Mount one or two modules in a BB-2F cabinet (optional). Mount up to six modules on a CHS-6 chassis in a BB-6F cabinet.

**CRF-300-6:** Six-relay control module (Form-C relays). Mount one or two modules in a BB-2F cabinet (optional). Mount up to six modules on a CHS-6 chassis in a BB-6F cabinet.

#### **SWIFT Wireless Devices**

**W-GATE:** LiteSpeed Wireless Gateway

**W-SD355:** LiteSpeed intelligent, wireless photo detector.

**W-H355R:** LiteSpeed intelligent wireless rate of rise (135°) heat detector.

**W-SD355T:** Intelligent wireless photo/heat detector.

**W-H355:** LiteSpeed intelligent wireless fixed-temperature (135°) heat detector.

**W-MMF:** LiteSpeed Intelligent wireless monitor module.

**W-CRF:** LiteSpeed Intelligent wireless relay module.

**W-BG12LX:** LiteSpeed Intelligent wireless pull station.

**WAV-RL, WAV-WL, WAV-CRL, WAV-CWL:** LiteSpeed Intelligent AV bases.

**W-USB:** Wireless USB radio/antenna dongle that plugs into the USB port of a PC running SWIFT Tools.

**SWIFT Tools:** Programming and diagnostic utility for the Wireless Gateway and devices. Available for download from firelite.com.

**NOTE:** For more information on Compatible Addressable Devices for use with the ES-200X, see the following data sheets (document numbers): SD365 Series (DF-61010), H365 Series (DF-61011), AD355 (DF-52386), BG-12LX (DF-52013), CMF-300-6 (DF-52365), CRF-300-6 (DF-52374), CMF/CRF Series (DF-52130), CP355 (DF-52383), H355 Series (DF-52385), I300 (DF-52389), ISO-6 (DF-60485), MMF-300 Series/MDF-300 (DF-52121), MMF-300-10 (DF-52347), MMF-302-6 (DF-52356), SD355/SD355T (DF-52384), and SLC Wiring Manual (51309).

**NOTE:** Legacy 300 Series detection devices such as the CP300/CP350, SD300(T)/SD350(T) and older modules such as the M300, M301, M302, C304, and BG-10LX are not compatible with LiteSpeed polling. If the SLC contains one of these devices, polling must be set for standard CLIP protocol. Please consult factory for further information on previous 300 Series devices.

#### **ADDRESSABLE DEVICE ACCESSORIES**

**End-of-Line Resistor Assembly (R-47K and R-3.9K):** The 47k ohm assembly supervises the MMF-300, MDF-300, MMF-301, and CMF-300 module circuits. The 3.9k ohm assembly supervises the MMF-302 module circuit. These resistors are included with each module.

**Power Supervision Relay:** Supervises the power to 4-wire smoke detectors and notification appliances.

#### **Wiring Requirements**

While shielded wire is not required, it is recommended that all SLC wiring be twisted-pair to minimize the effects of electrical interference. Refer to the panel manual for wiring details.



# SYSTEM SPECIFICATIONS

## System Capacity

• Intelligent Signaling Line Circuits.....	1
• Addressable device capacity .....	198
• Programmable software zones .....	99
• Annunciators.....	16

## Electrical Specifications

**AC Power:** Operates in either 120 or 240 VAC, 50/60 Hz, 3.25 A, auto-sensing- no switch required. Wire size: minimum 14 AWG (2.00 mm<sup>2</sup>) with 600 V insulation. Nonpower-limited, supervised.

**Battery:** Two 12 V 18 AH lead-acid batteries. Battery Charger Capacity: 7-18 AH (ES-200X cabinet holds maximum of two 18 AH batteries.)

**Communication Loop:** Supervised and power-limited.

**Notification Appliance Circuits:** Terminal Block provides connections for four NACs, Style Y (Class B) or Style Z (Class A). Special Application power. Power-limited, supervised circuitry. Maximum signaling current per circuit: 2.5 amps special application, 250mA regulated. End-of-Line Resistor: 4.7k ohm, ½ watt (P/N 71252 UL listed) for Style Y (Class B) NAC; system capable of 1.9 kΩ - 22 kΩ ELR range. Refer to the *Fire•Lite Device Compatibility Document* for listed compatible devices.

**Two Programmable Relays and One Fixed Trouble Relay:** Contact rating: 2.0 A @ 30 VDC (resistive), 0.5 A @ 30 VAC (resistive). Form-C relays, non-power-limited, non-supervised.

## Cabinet Specifications

**Door:** 19.26" (48.92 cm.) high x 16.82" (42.73 cm.) wide x 0.72" (1.82 cm.) deep. **Backbox:** 19.00" (48.26 cm.) high x 16.65" (42.29 cm.) wide x 5.25" (13.34 cm.) deep. **Trim Ring (TR-CE):** 22.00" (55.88 cm.) high x 19.65" (49.91 cm.) wide.

## Shipping Specifications

**Weight:** 26.9 lbs. (12.20 kg.) **Dimensions:** 20.00" (50.80 cm.) high x 22.5" (57.15 cm.) wide x 8.5" (21.59 cm.) deep.

## Temperature and Humidity Ranges

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

## NFPA Standards

The ES-200X complies with the following NFPA 72 Fire Alarm Systems requirements:

- **LOCAL** (Automatic, Manual, Waterflow and Sprinkler Supervisory).
- **AUXILIARY** (Automatic, Manual and Waterflow) (requires 4XTMF).
- **REMOTE STATION** (Automatic, Manual and Waterflow) (Where a DACT is not accepted, the alarm, trouble and supervisory relays may be connected to UL 864 listed transmitters. For reverse polarity signaling of alarm and trouble, 4XTMF is required.)
- **PROPRIETARY** (Automatic, Manual and Waterflow).
- **CENTRAL STATION** (Automatic, Manual and Waterflow, and Sprinkler Supervised).
- **OT, PSDN** (Other Technologies, Packet-switched Data Network)
- **IBC 2012, IBC 2009, IBC 2006, IBC 2003, IBC 2000** (Seismic).
- **CBC 2007** (Seismic)

## Agency Listings and Approvals

The listings and approvals below apply to the basic ES-200X control panel. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL:** S624
- **FM approved**
- **CSFM:** 7165-0075:500
- **FDNY:** COA #6261

**NOTE:** See DF-60958 for ULC-listed model.

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www.firelite.com



Country of Origin: USA



# FL-PS6(C) & FL-PS10(C)

## 6 Amp and 10 Amp, 24 Volt Remote Power Supplies



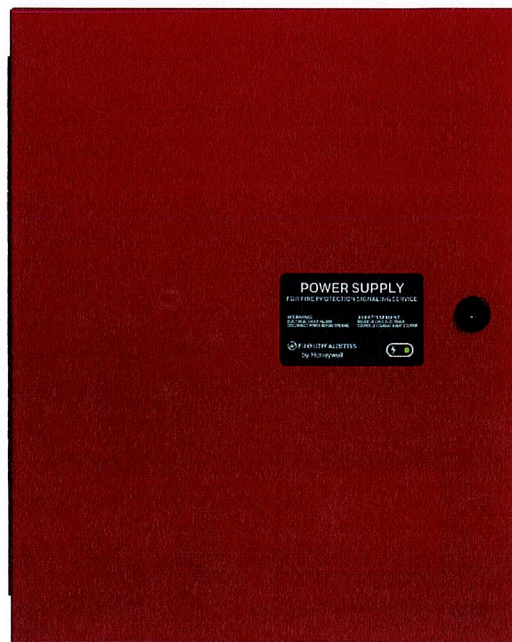
### Power Supplies/Accessories

#### General

The PS Series is a remote power supply line from Fire-Lite Alarms and is a direct replacement for the FCPS-24FS6/8 Series. The FL-PS6(C) is a 6 amp and the FL-PS10(C) is a 10 amp, remote power supply with battery charger that may be connected to any 12 or 24 volt fire alarm control panel (FACP) or used as a standalone power supply. The PS Series provides 24 VDC power for NACs (notification appliance circuits) configured as either Class B or Class A (requires the ZNAC-PS option card) with multiple sync protocol options. The PS Series also provides auxiliary power, constant or resettable, suited for detectors, annunciators, door holders, and other fire alarm system peripherals. The PS Series cabinet can hold two 7 AH or 18 AH batteries and can charge up to 33 AH batteries in a separate cabinet.

#### Features

- Up to five (6 amp model) or seven (10 amp model) independently-configurable, power-limited output circuits for:
  - Class B and/or Class A NACs
  - Class B and/or Class A resettable or non-resettable 24V auxiliary power
  - door holder power
- Converts from Class B to Class A wiring without losing any outputs using the ZNAC-PS converter card (sold separately)
- Optimal for powering four-wire smoke detectors, annunciators, and other system peripherals requiring regulated power
- Configurable for ANSI® Temporal 3 or Temporal 4 coded output
- UL-Listed NAC synchronization using System Sensor®, Wheelock®, Gentex®, or AMSECO® appliances
- Synchronization can be triggered from FACP NAC/remote sync outputs, cascaded power supply, or a control module, single or multi, which may be housed within the power supply cabinet
- Ability to cascade up to four power supplies
- Two (6 amp model) or three (10 amp model) fully-isolated input/control circuits which can be programmed to any output
- Two Form C normally-closed trouble relays for AC Trouble and General Trouble, Ground Fault relay available on Canadian models only
- 6 or 10 amp full load output, respectively, with 3 A maximum/circuit
- Individual NAC power and trouble LEDs for diagnostic efficiency
- Trouble history modes for diagnostic support
- Wide range end-of-line supervision value (normal: 2K-27K ohms)
- Selectable earth fault detection (enable or disable)
- AC trouble report delay timer
- Completely configurable via onboard DIP switches, no extra software required
- Self-contained in compact, locking cabinet constructed of heavy gauge steel with a corrosion-resistant powder coat chip and scratch-resistant finish
- Cabinet designed with ten double knockouts and a removable door for ease of installation and wiring
- Includes integral battery charger capable of charging up to 33 AH batteries
- Cabinet can house two 7 AH or 18 AH batteries



- Battery charger may be disabled via DIP switch for applications requiring larger batteries and external battery charger
- Removable terminal blocks accommodate up to 12 AWG (3.1mm<sup>2</sup>) wire
- Works with any UL 864 FACP which utilizes an industry-standard reverse-polarity notification circuit
- Optional devices include addressable control, monitor, and relay modules and power-supervision relay (EOLR-1)

#### Standards and Codes

The FL-PS Series comply with the following standards:

- **NFPA 72** National Fire Alarm Code
- **UL 864** Standard for Control Units for Fire Alarm Systems (NAC expander mode), 10th Edition
- **UL 1481** Power Supplies for Fire Alarm Systems
- **IBC 2009** (when using SEISKIT-MULTI-1)
- **CBC 2007** (when using SEISKIT-MULTI-1)

#### Agency Listings and Approvals

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed:** S2424
- **ULC Listed:** S2424 (FL-PS6/10C)
- **CSFM Approved:** 7315-0075:0510
- **FDNY Approved**
- **FM Approved**



# SYSTEM SPECIFICATIONS

## Primary (AC) Power:

- **FL-PS6(C):** 120 VAC, 50/60 Hz, 5.0A maximum
- **FL-PS10(C):** 120VAC, 50/60 Hz, 6.2 A maximum
- **Wire Size:** #12-14 AWG with 600 V insulation

## Command Input Circuit:

- **Trigger Input Voltage:** 9 to 32 VDC
- **Trigger Current:** 2.0 mA (16 - 32 V); Per Input: 1.0 mA (9 - 16 V)

## Trouble Contact Rating:

4 A at 24 VDC

## Output Circuits:

- 24 VDC filtered, regulated
- **FL-PS6:** TB8-TB9 – 1A Regulated, 3A special applications; TB10-TB12 – 0.3A Regulated, 3A special applications
- **FL-PS10:** TB8-TB11 – 1.5A Regulated, 3A special applications; TB12-TB14 – 0.3A Regulated, 3A special applications
- 6.0 A (FL-PS6) or 10.0 A (FL-PS10) maximum total continuous current for all outputs

## Secondary Power (Battery) Charging Circuit:

- Supports lead-acid batteries only
- Float-charge voltage: 27.6 VDC
- Maximum current charge: 1.5 A
- Maximum battery capacity: 18 AH (inside cabinet)
- Maximum battery charging capacity: 33 AH (external cabinet)

## Physical:

- **Dimensions:** 20.0"H x 14.5"W x 3.5"D (cm: 50.8H x 36.83W x 8.9D)
- **Weight:** with two 7Ah batteries is 24 pounds (10.9 kg), with two 18 AH batteries is 39 pounds (17.7 kg)

## Ordering Information

**FL-PS6:** 6.0 A, 120 VAC remote charger power supply in a lockable, metal enclosure

**FL-PS6C:** Same as above, ULC-listed model

**FL-PS10:** 10.0 A, 120 VAC remote charger power supply in a lockable, metal enclosure

**FL-PS10C:** Same as above, ULC-listed model

**ZNAC-PS:** Optional Class A output converter module

**CMF-300:** Addressable Control Module for one Class B or Class A zone of supervised, polarized Notification Appliances. Notification Appliance Circuit option requires external 24 VDC to power notification appliances.

**CRF-300:** Addressable relay module containing two isolated sets of Form-C contacts, which operate as a DPDT switch

**MMF-300:** Addressable Monitor Module for one zone of normally open dry-contact initiating devices. Includes plastic cover plate and end-of-line resistor. Module may be configured for either a Class B or Class A IDC.

**MDF-300:** Dual Monitor Module. Same as MMF-300 except it provides two inputs for Class B wiring only

**CDRM-300:** Provides two monitored inputs and two Form-C relays. Functions in Class B wiring only.

**CMF-300-6:** Six-circuit supervised control module

**CRF-300-6:** Six Form-C relay control module

**EOLR-1:** 12/24 VDC end-of-line relay for monitoring four-wire smoke detector power

**BAT-1270-BP:** Battery, 12 volt, 7.0 AH, 5-pack (two required).

**BAT-12180-BP:** Battery, 12 volt, 18AH, 2-pack

**BAT-12330:** Battery, 12 volt, 33AH

**SEISKIT-MULTI-1:** Seismic kit for the FL-PS Series. Includes bracket and hardware for two 7AH or two 18AH batteries.

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This document is not intended to be used for installation purposes.  
We try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice.

For more information, contact Fire-Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)



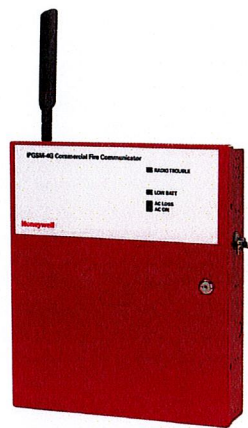
Country of Origin: USA

## ANTENNAS &amp; RECEIVERS

# IP Internet And GSM Dual Path Communicator

IP internet and GSM dual path communicators offer contact ID reporting that operate in conjunction with any fire alarm control panel (FACP) that has a built-in dialer.

## Overview



Feedback

IP internet and GSM dual path communicators offer contact ID reporting that operate in conjunction with any fire alarm control panel (FACP) that has a built-in dialer. These easy-to-install, dual path communicators connect directly to the primary and secondary communication ports of a fire panel's digital alarm communicator transmitter (DACT). They & offers three selectable reporting paths which include the following: cellular only, IP only, and IP primary/cellular backup. In the event of an off-normal condition, the fire panel sends the contact ID formatted information to the communicator panel. The communicator panel & then reformats the data into highly, encrypted ethernet packets that are used for transmission to the alarm-net receiver, via either the customer-provided internet/intranet connection or to the global system for the mobile communications (GSM) network. Alternative communication methods are critical in the marketplace, due to the voice over IP (VoIP) migration from plain old telephone service (POTS) and the growth of the digital radio networks. The communicator & exclusive dual path communications solution combines internet service with GSM to offer an added reliability and an extra level of security. All signals from the communicator panel are delivered to Honeywell's AlarmNet® Network Control Center, which routes the information to the appropriate central station. The state-of-the-art, AlarmNet Network Control Center is fully redundant and monitored 24/7. AlarmNet has the capability to route messages using AlarmNet-i and 800 PLUS Services, providing true redundancy and multi-path message delivery. The communicator is designed to operate over the most common GSM networks. Its multi-GSM platform technology automatically chooses the best available cellular signal in the area based on the signal strength, and it seamlessly self-adjusts to maintain critical life safety communications.

**Features & Benefits:**

- Saves the cost of two dedicated phone lines
- Single or dual path communications (can communicate to
- central station using cellular technology, internet, or both)
- Requires no change to the existing Fire Alarm Control Panel configuration (connects directly to the primary and secondary telephone ports of

- Works over any type of customer provided Ethernet 10/100 based network connection (LAN or WAN), DSL modem or cable modem
- Data transmits over standard contact-ID protocol but is secured with the industry's advanced encryption standard (AES 256 bit)
- Supports both dynamic (DHCP) or Public and Private Static IP addressing
- Built-in power supply module: On board charging circuit design accommodates backup battery. Includes primary power and battery supervision

**Certifications:**

- UL Standard 864/NFPA

## Specifications

- **Communication Type** : IP

## SKUs

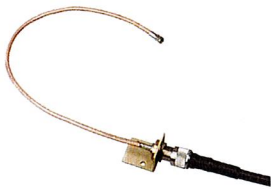
SKU ▾

Description ▾

IPGSM-4G

Single or Dual Path Commercial Fire Communicator

## Related Products



[SMA to N Adapter Cable](#)



# H365 Series

## Addressable Heat Detectors



### Addressable Devices

The Fire-Lite® Alarms H365(A), H365R(A), and H365HT(A) addressable plug-in thermal detectors are designed for both performance and aesthetics and are a direct replacement for the H355 Series. A new modern, sleek, contemporary design and advanced thermal technologies make the H365(A) Series ideal for both system operation and building design.

Exclusively for use with Fire-Lite's addressable fire alarm control panels, the H365(A) Series point ID capability allows each detector's address to be set with rotary, decimal address switches, providing exact detector location for emergency personnel to quickly locate a fire during its early stages, potentially saving precious rescue time while also reducing property damage. Two LEDs on each sensor light to provide a local, visible sensor indication.

The H365(A) Series includes fixed temperature, rate-of-rise and high heat fixed temperature detectors that provide effective, intelligent property protection for a variety of applications. Detectors are available for both LiteSpeed™ and CLIP applications as designated.

## Features

### SLC LOOP:

- Two-wire SLC loop connection
- Unit uses base for wiring

### ADDRESSING:

- Addressable by device
- Rotary, decimal addressing  
(Refer to the *Fire-Lite panel manuals* for device capacity.)

### ARCHITECTURE:

- Designed to meet UL 268 7th Edition
- Sleek, low-profile, stylish design
- State-of-the-art thermistor technology for fast response
- Integral communications and built-in device-type identification
- Built-in tamper resistant feature
- Built-in functional test switch activated by external magnet

### OPERATION:

- Fixed temperature model (H365(A)) factory preset to 135°F (57°C)
- Rate-of-rise model (H365R(A)), 15°F (8.3°C) per minute
- High-temperature model (H365HT(A)) factory preset to 190°F (88°C)
- 360°-field viewing angle of the two visual alarm indicators, LEDs blink red in Normal condition and turn on steady red in Alarm
- LEDs blink every time the unit is polled

### MECHANICALS:

- Sealed against back pressure
- SEMS screws for wiring of the separate base
- Designed for direct-surface or electrical-box mounting
- Plugs into separate base for ease of installation and maintenance
- Separate base allows interchange of photoelectric, ionization and thermal sensors

### OTHER SYSTEM FEATURES:

- Remote test feature from the panel
- Walk test with address display
- Low standby current



### OPTIONS:

- Remote LED output connection to optional RA100Z remote LED annunciator

## Installation

H365 Series plug-in intelligent thermal detectors use a detachable base to simplify installation, service and maintenance. Installation instructions are shipped with each detector.

Mount detector base (all base types) on an electrical backbox which is at least 1.5" (3.81 cm) deep. For a chart of compatible junction boxes, see DF-60059.

**NOTE:** Because of the inherent supervision provided by the SLC loop, end-of-line resistors are not required. Wiring "T-taps" or branches are permitted for Style 4 (Class "B") wiring only.

When using relay or sounder bases, consult the I300(A) installation sheet I56-3626 for device limitations between isolator modules and isolator bases.

## Applications

Use thermal detectors for protection of property. For further information, refer to I56-6525, Applications Manual for System Smoke Detectors, which provides detailed information on detector spacing, placement, zoning, wiring, and special applications.

## Construction

These detectors are constructed of fire-resistant plastic. The H365 Series plug-in intelligent thermal detectors are designed to commercial standards and offer an attractive appearance.

## Operation

Each H365 Series detector uses one of the panel's addresses (total limit is panel dependent) on the Fire-LiteJCI Signaling Line Circuit (SLC). It responds to regular polls from the control panel and reports its type and the status. If it receives a test command from the panel (or a local magnet test), it stimulates its electronics and reports an alarm. It blinks its LEDs when polled and turns the LEDs on when commanded by the panel. The H365 Series offers features and performance that represent the latest in thermal detector technology.



## Product Line Information

**NOTE:** “-IV” suffix indicates CLIP and LiteSpeed device.

**NOTE:** “A” suffix indicates Canadian version.

**H365:** White, low-profile intelligent 135°F fixed thermal sensor, LiteSpeed only

**H365A:** Same as H365 but with ULC listing

**H365-IV:** Ivory, low-profile intelligent 135°F fixed thermal sensor, LiteSpeed and CLIP

**H365A-IV:** Same as H365-IV but with ULC listing

**H365R:** White, low-profile intelligent rate-of-rise thermal sensor, LiteSpeed only

**H365RA:** Same as H365R but with ULC listing

**H365R-IV:** Ivory, low-profile intelligent rate-of-rise fixed thermal sensor, LiteSpeed and CLIP

**H365RA-IV:** Same as H365R-IV but with ULC listing

**H365HT:** White, low-profile intelligent 190°F fixed thermal sensor, LiteSpeed only

**H365HTA:** Same as H365H but with ULC listing

**H365HT-IV:** Ivory, low-profile intelligent 190°F thermal sensor, LiteSpeed and CLIP

**H365HTA-IV:** Same as H365H-IV but with ULC listing

### INTELLIGENT BASES

**NOTE:** For details on intelligent bases, see DF-60059.

**B300-6:** White, 6" base, standard flanged low-profile mounting base (CSFM: 7300-1653:0109)

**B300-6-IV:** Ivory, 6" base, standard flanged low-profile mounting base (CSFM: 7300-1653:0109)

**B300A-6:** Same as B300-6, ULC listed

**B300A-6-IV:** Ivory, 6" standard flanged low-profile mounting base, ULC listed

**B300-6-BP:** Bulk pack of B300-6, package contains 10

**B501-WHITE:** White, 4" standard European flangeless mounting base. UL/ULC listed (CSFM: 7300-1653:0109)

**B501-BL:** Black, 4" standard European flangeless mounting base. UL/ULC listed (CSFM: 7300-1653:0109)

**B501-IV:** Ivory color, 4" standard European flangeless mounting base. UL/ULC listed (CSFM: 7300-1653:0109)

**B501-WHITE-BP:** Bulk pack of B501-WHITE contains 10

**B224RB-WH:** White, relay base (CSFM: 7300-1653:0216)

**B224RB-IV:** Ivory, relay base (CSFM: 7300-1653:0216)

**B224RBA-WH:** White, relay base, ULC listing

**B224RBA-IV:** Ivory, relay base, ULC listing

**B224BI-WH:** White, isolator detector base (CSFM: 7300-1653:0216)

**B224BI-IV:** Ivory isolator detector base (CSFM: 7300-1653:0216)

**B224BIA-WH:** White, isolator detector base, ULC listing

**B224BIA-IV:** Ivory isolator detector base, ULC listing

**B200S-WH:** White, Intelligent addressable sounder base capable of producing sound output in high or low volume with ANSI Temporal 3, ANSI Temporal 4, continuous tone, marching tone, and custom tone. Uses FlashScan protocol. (CSFM: 7300-1653:0213)

**B200S-IV:** Ivory, Intelligent addressable sounder base capable of producing sound output in high or low volume with ANSI Temporal 3, ANSI Temporal 4, continuous tone, marching tone, and custom tone. Uses FlashScan protocol. (CSFM: 7300-1653:0213)

**B200SA-WH:** Same as B200S-WH, ULC listing

**B200SA-IV:** Same as B200S-IV, ULC listing

**B200SCOA-WH:** White, Intelligent, programmable sounder base in English/French (required in Canada for ULC applications with CO Series detector applications)

**B200SCOA-IV:** Ivory Intelligent, programmable sounder base in English/French (required in Canada for ULC applications with CO Series detector applications, ULC listing)

**B200S-LF-WH:** White, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. (CSFM: 7300-1653:0238)

**B200S-LF-IV:** Ivory, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. (CSFM: 7300-1653:0238)

**B200SR-WH:** White, Intelligent sounder base capable of producing sound output with ANSI Temporal 3 or continuous tone. Intended for retrofit applications. (CSFM: 7300-1653:0213)

**B200SR-IV:** Ivory, Intelligent sounder base capable of producing sound output with ANSI Temporal 3 or continuous tone. Intended for retrofit applications. (CSFM: 7300-1653:0213)

**B200SRA-WH:** Same as B200SR-WH with, ULC listing

**B200SRA-IV:** Same as B200SR-IV in Ivory color, ULC listing

**B200SR-LF-WH:** White, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. Intended for retrofit applications. (CSFM: 7300-1653:0238)

**B200SR-LF-IV:** Ivory, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. Intended for retrofit applications. (CSFM: 7300-1653:0238)

### MOUNTING KITS AND ACCESSORIES

**TR300:** White, replacement flange for B210LP(A) base

**TR300-IV:** Ivory, replacement flange for B210LP(A) base

**RA100Z(A):** Remote LED annunciator. 3-32 VDC. Mounts to a U.S. single-gang electrical box. For use with B501(A) and B300-6(A).

**M02-04-00:** Test magnet

**M02-09-00:** Test magnet with telescoping handle

**CK300:** Color Kit (includes cover and trim ring), white, 10-pack

**CK300-IV:** Color Kit (includes cover and trim ring), ivory, 10-pack

**CK300-BL:** Color Kit (includes cover and trim ring), black, 10-pack

# SYSTEM SPECIFICATIONS

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**Size:** 2.0" (5.3 cm) high; base determines diameter

- **B300-6:** 6.1" (15.6 cm) diameter
- **B501:** 4" (10.2 cm) diameter

*For a complete list of detector bases see DF-60983*

**Shipping weight:** 3.4 oz. (95 g)

**Operating temperature range:**

- H365, H365R Series: –4°F to 100°F (–20°C to 38°C)
- H365H Series: –4°F to 150°F (–20°C to 66°C)

**Detector spacing:** UL approved for 50 ft. (15.24 m) center-to-center, FM approved for 25 x 25 ft. (7.62 x 7.62 m) spacing

**Relative humidity:** 10% – 93% non-condensing

**Thermal ratings:** fixed-temperature set point 135°F (57°C), rate-of-rise detection 15°F (8.3°C) per minute, high temperature heat 190°F (88°C)

**Mounting:** B300-6(A) flanged base, included

See “**Product Line Information: Intelligent Bases,**” if using a different base.

## ELECTRICAL SPECIFICATIONS

**Voltage range:** 15 - 32 volts DC peak

**Standby current (max. avg.):** 200µA @ 24 VDC (one communication every 5 seconds with LED enabled)

**Max current:** 4.5 mA @ 24 VDC (“ON”)

## Listings and Approvals

Listings and approvals below apply to the H365 Series detectors. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL/ULC Listing: S2517
- FM Approved
- CSFM: 7272-0075:0501

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For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)

Country of Origin: Mexico

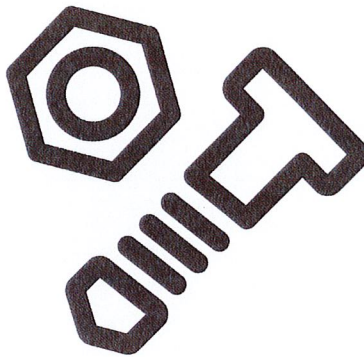


## MONITORS

# Mini Module

Mini Module will interface with contact devices such as security contacts, sprinkler flow switches and call points. It monitors the cable in the same way as a non-addressable zone, using an end of line resistor on a two wire circuit.

## Overview



Feedback

Mini Module will interface with contact devices such as security contacts, sprinkler flow switches and call points. It monitors the cable in the same way as a non-addressable zone, using an end of line resistor on a two wire circuit.

In addition to transmitting the supervised state of the monitored device (normal, open, or short), the full analogue supervision measurement is sent back to the panel. The compact size allows it to fit inside devices or junction boxes behind devices. Its size and light weight allows it to be installed without the need to be rigidly mounted.

**Features & Benefits:**

- Uses Opal protocol (up to 159 addresses)
- Individual Tri-Colours LED indicators
- Controllable Isolation
- Unused addresses may be disabled
- Rotary address switches
- Class B operation
- Removable plug-in terminal blocks

## SKUs

SKU ▾

Description ▾

# SD365 Series

## Addressable Photoelectric Smoke Detectors



### Addressable Devices

The Fire•Lite® Alarms SD365(A), SD365R(A), and SD365HT(A) intelligent plug-in smoke detectors are designed for both performance and aesthetics, and are direct replacements for the SD355 Series. A new modern, sleek, contemporary design and enhanced optical sensing chamber is engineered to sense smoke produced by a wide range of combustion sources in accordance with more stringent code standards.

Exclusively for use with Fire•Lite's addressable fire alarm control panels, the SD365(A) Series point ID capability allows each detector's address to be set with rotary, decimal address switches, providing exact detector location for emergency personnel to quickly locate a fire during its early stages, potentially saving precious rescue time while also reducing property damage. Two LEDs on each sensor light to provide a local, visible sensor indication.

The SD365(A) Series also offers 135°F (57°C) fixed temperature thermal sensing on the SD365T(A) and a remote test capable detector on the SD365R(A) for use with DNR(A)/DNRW duct smoke detector housings.

### Features

#### SLC LOOP:

- Two-wire SLC loop connection
- Unit uses base for wiring
- Compatible with LiteSpeed™ and CLIP protocol systems
- Stable communication technique with noise immunity

#### ADDRESSING:

- Addressable by device
- Rotary, decimal addressing  
(Refer to the *Fire•Lite panel manuals* for device capacity.)

#### ARCHITECTURE:

- Sleek, low-profile, stylish design
- Unique single-source design to respond quickly and dependably to a broad range of fires
- Integral communications and built-in device-type identification
- Built-in tamper resistant feature
- Remote test feature from the panel
- Walk test with address display (an address on 121 will blink the detector LED: 12-[pause]-1 (*LiteSpeed systems only*))
- Built-in functional test switch activated by external magnet
- Removable cover and insect-resistant screen for simple field cleaning
- Expanded color options

#### OPERATION:

- Designed to meet UL 268 7th Edition
- Factory preset at 1.5% nominal sensitivity for panel alarm threshold level
- LED "blinks" when the unit is polled (communicating with the fire panel) and latches in alarm.
- Low standby current

#### MECHANICALS:

- Sealed against back pressure
- SEMS screws for wiring of the separate base
- Designed for direct-surface or electrical-box mounting



- Plugs into separate base for ease of installation and maintenance
- Separate base allows interchange of photoelectric, ionization and thermal sensors

#### OPTIONS:

- Optional relay, isolator, and sounder bases

### Installation

SD365 Series plug-in intelligent smoke detectors use a detachable base to simplify installation, service and maintenance. Installation instructions are shipped with each detector.

Mount detector base (all base types) on an electrical backbox which is at least 1.5" (3.81 cm) deep. For a chart of compatible junction boxes, see *DF-60059*.

**NOTE:** Because of the inherent supervision provided by the SLC loop, end-of-line resistors are not required. Wiring "T-taps" or branches are permitted for Class "B" wiring only.

When using relay or sounder bases, consult the *I300(A)* installation sheet *I56-3626* for device limitations between isolator modules and isolator bases.

### Construction

These detectors are constructed of fire-resistant plastic. The SD365 Series plug-in intelligent smoke detectors are designed to commercial standards and offer an attractive appearance.

### Operation

Each SD365 Series detector uses one of the panel's addresses (total limit is panel dependent) on the Fire•Lite Signaling Line Circuit (SLC). It responds to regular polls from the control panel and reports its type and the status. If it receives a test command from the panel (or a local magnet test), it stimulates its electronics and reports an alarm. It blinks its LEDs when polled and turns the LEDs on when commanded by the panel. The SD365 Series offers features and performance that represent the latest in smoke detector technology.

### Detector Sensitivity Test

Each detector can have its sensitivity tested (required per NFPA 72, Chapter 14 on *Inspection, Testing and Maintenance*) when installed/connected to an Fire•Lite addressable fire alarm control panel. The results of the sensitivity test can be printed for record keeping.



## Product Line Information

**NOTE:** “-IV” suffix indicates CLIP and LiteSpeed device.

**NOTE:** “A” suffix indicates Canadian version.

**SD365:** White, low-profile intelligent photoelectric sensor, LiteSpeed only

**SD365A:** Same as SD365 but with ULC listing

**SD365-IV:** Ivory, low-profile intelligent photoelectric sensor

**SD365A-IV:** Same as SD365-IV but with ULC listing

**SD365T:** White, same as **SD365** but includes a built-in 135°F (57°C) fixed-temperature thermal device, LiteSpeed only

**SD365TA:** Same as SD365T but with ULC listing

**SD365T-IV:** Ivory, same as SD365T but includes a built-in 135°F (57°C) fixed-temperature thermal device

**SD365TA-IV:** Same as SD365T-IV but with ULC listing

**SD365R:** White, low-profile intelligent photoelectric sensor, remote test capable, for use with DNR/DNRW, LiteSpeed only

**SD365RA:** Same as SD365R but with ULC listing, for use with DNRA

**SD365R-IV:** Ivory, low-profile intelligent photoelectric sensor, remote test capable, for use with DNR/DNRW

**SD365RA-IV:** Same as SD365R-IV but with ULC listing, for use with DNRA

### INTELLIGENT BASES

**NOTE:** For details on intelligent bases, see DF-60059.

**B300-6:** White, 6" base, standard flanged low-profile mounting base (CSFM: 7300-1653:0109)

**B300-6-IV:** Ivory, 6" base, standard flanged low-profile mounting base (CSFM: 7300-1653:0109)

**B300A-6:** Same as B300-6, ULC listed

**B300A-6-IV:** Ivory, 6" standard flanged low-profile mounting base, ULC listed

**B300-6-BP:** Bulk pack of B300-6, package contains 10

**B501-WHITE:** White, 4" standard European flangeless mounting base. UL/ULC listed (CSFM: 7300-1653:0109)

**B501-BL:** Black, 4" standard European flangeless mounting base. UL/ULC listed (CSFM: 7300-1653:0109)

**B501-IV:** Ivory color, 4" standard European flangeless mounting base. UL/ULC listed (CSFM: 7300-1653:0109)

**B501-WHITE-BP:** Bulk pack of B501-WHITE contains 10

**B224RB-WH:** White, relay base (CSFM: 7300-1653:0216)

**B224RB-IV:** Ivory, relay base (CSFM: 7300-1653:0216)

**B224RBA-WH:** White, relay base, ULC listing

**B224RBA-IV:** Ivory, relay base, ULC listing

**B224BI-WH:** White, isolator detector base (CSFM: 7300-1653:0216)

**B224BI-IV:** Ivory isolator detector base (CSFM: 7300-1653:0216)

**B224BIA-WH:** White, isolator detector base, ULC listing

**B224BIA-IV:** Ivory isolator detector base, ULC listing

**B200S-WH:** White, Intelligent addressable sounder base capable of producing sound output in high or low volume with ANSI Temporal 3, ANSI Temporal 4, continuous tone, marching tone, and custom tone. Uses LiteSpeed protocol. (CSFM: 7300-1653:0213)

**B200S-IV:** Ivory, Intelligent addressable sounder base capable of producing sound output in high or low volume with ANSI Temporal 3, ANSI Temporal 4, continuous tone, marching tone, and custom tone. Uses LiteSpeed protocol. (CSFM: 7300-1653:0213)

**B200SA-WH:** Same as B200S-WH, ULC listing

**B200SA-IV:** Same as B200S-IV, ULC listing

**B200SCOA-WH:** White, Intelligent, programmable sounder base in English/French (required in Canada for ULC applications with CO Series detector applications)

**B200SCOA-IV:** Ivory Intelligent, programmable sounder base in English/French (required in Canada for ULC applications with CO Series detector applications, ULC listing)

**B200S-LF-WH:** White, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. (CSFM: 7300-1653:0238)

**B200S-LF-IV:** Ivory, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. (CSFM: 7300-1653:0238)

**B200SR-WH:** White, Intelligent sounder base capable of producing sound output with ANSI Temporal 3 or continuous tone. Intended for retrofit applications. (CSFM: 7300-1653:0213)

**B200SR-IV:** Ivory, Intelligent sounder base capable of producing sound output with ANSI Temporal 3 or continuous tone. Intended for retrofit applications. (CSFM: 7300-1653:0213)

**B200SRA-WH:** Same as B200SR-WH with, ULC listing

**B200SRA-IV:** Same as B200SR-IV in Ivory color, ULC listing

**B200SR-LF-WH:** White, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. Intended for retrofit applications. (CSFM: 7300-1653:0238)

**B200SR-LF-IV:** Ivory, Low Frequency Intelligent, programmable sounder base. Produces a fundamental frequency of 520 Hz +/- 10% with a square wave or its equivalent; designed to meet the NFPA 72 sleeping space requirement. Intended for retrofit applications. (CSFM: 7300-1653:0238)

### MOUNTING KITS AND ACCESSORIES

**TR300:** White, replacement flange for B210LP(A) base

**TR300-IV:** Ivory, replacement flange for B210LP(A) base

**RA100Z(A):** Remote LED annunciator. 3-32 VDC. Mounts to a U.S. single-gang electrical box. For use with B501(A) and B300-6(A).

**M02-04-00:** Test magnet

**M02-09-00:** Test magnet with telescoping handle

**CK300:** Color Kit (includes cover and trim ring), white, 10-pack

**CK300-IV:** Color Kit (includes cover and trim ring), ivory, 10-pack

**CK300-BL:** Color Kit (includes cover and trim ring), black, 10-pack

# SYSTEM SPECIFICATIONS

## Sensitivity:

- UL Applications: 0.5% to 4.0% per foot obscuration.
- ULC Applications: 0.5% to 3.5% per foot obscuration

**Size:** 2.0" (51mm) high; base determines diameter

- **B300-6:** 6.1" (15.6 cm) diameter
- **B501:** 4" (10.2 cm) diameter

*For a complete list of detector bases see DF-60983*

**Shipping weight:** 3.4 oz. (95 g)

## Operating temperature range:

- SD365: 32°F to 122°F (0°C to 50°C)
- SD365T Series: 32°F to 100°F (0°C to 38°C)
- SD365R Series installed in a DNR/DNRW, -4°F to 158°F (-20°C to 70°C)

**UL/ULC Listed Velocity Range:** 0-4000 ft/min. (1219.2 m/min.), suitable for installation in ducts

**Relative humidity:** 10% – 93% non-condensing

**Thermal ratings:** fixed-temperature set point 135°F (57°C), rate-of-rise detection 15°F (8.3°C) per minute, high temperature heat 190°F (88°C)

## ELECTRICAL SPECIFICATIONS

**Voltage range:** 15 - 32 volts DC peak

**Standby current (max. avg.):** 200µA @ 24 VDC (one communication every 5 seconds with LED enabled)

**Max current:** 4.5 mA @ 24 VDC ("ON")

## DETECTOR SPACING AND APPLICATIONS

Fire•Lite recommends spacing detectors in compliance with NFPA 72. In low airflow applications with smooth ceiling, space detectors 30 feet (9.1m). For specific information regarding detector spacing, placement, and special applications refer to NFPA 72. A *System Smoke Detector Application Guide*, document SPAG91, is available at [www.systemsensor.com](http://www.systemsensor.com).

## Listings and Approvals

Listings and approvals below apply to the SD365 Series detectors. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL/ULC Listing: S1059
- FM Approved
- CSFM: 7272-0075:0502

LiteSpeed™ is a trademark, and Fire•Lite® Alarms and System Sensor® are registered trademarks of Honeywell International Inc.  
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This document is not intended to be used for installation purposes.  
We try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice.

For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.  
[www.firelite.com](http://www.firelite.com)

Country of Origin: Mexico



## COMBINATION STROBES

# L-Series Wall Speaker Strobe

L-Series speaker strobes reduce costly ground faults using a plug-in design and universal mounting plate that allow the installer to pre-wire mounting plates, dress wires, and confirm wiring continuity before plugging in the speakers.

## Overview



Feedback

L-Series speaker strobes reduce costly ground faults using a plug-in design and universal mounting plate that allow the installer to pre-wire mounting plates, dress the wires, and confirm wiring continuity before plugging in the speakers. In addition, a protective plastic cover prevents nicked wires by covering exposed speaker components.

These devices also enable faster installations by providing instant feedback to ensure that wiring is properly connected, rotary switches to select voltage and power settings, and seven field-selectable candela settings for wall speaker strobes. The low total harmonic distortion of the speakers offer high fidelity sound while still offering high-volume sound for use in high ambient noise applications.

**Features & Benefits:**

- Plug-in design and protective cover reduce ground faults
- Universal mounting plate with an onboard shorting spring tests wiring continuity before installation
- No extension ring required
- Field-selectable candela settings for wall units: 15, 30, 75, 95, 110, 135 and 185
- Automatic selection of 12 or 24V operation at 15 and 30 candela
- Rotary switch simplifies field selection of speaker voltage (25 and 70.7Vrms) and power settings (1/4, 1/2, 1, and 2W)
- Speakers offer high fidelity and high-volume sound output
- 520 Hz +/- 10% square wave tone capable with compatible fire alarm control panel (FACP)
- Tamper-resistant construction
- Updated modern aesthetics

**Certifications:**



# SKUs

SKU	Description
SPSRL	Speaker Strobe: Red: Wall-Mount: Marked FIRE
SPSRL-BP10	Speaker Strobe: Red: Wall-Mount: Bulk Pack: Marked FIRE
SPSRL-P	Speaker Strobe: Red: Wall-Mount: Plain (ECS/MNS applicable)
SPSRL-SP	Speaker Strobe: Red: Wall-Mount: Marked FUEGO
SPSWL	Speaker Strobe: White: Wall-Mount: Marked FIRE
SPSWL-ALERT	Speaker Strobe: White: Wall-Mount: Amber Lens (ECS/MNS applicable)
SPSWL-BP10	Speaker Strobe: White: Wall-Mount: Bulk Pack: Marked FIRE
SPSWL-CLR-ALERT	Speaker Strobe: White: Wall-Mount: Clear Lens (ECS/MNS applicable)
SPSWL-CLR-ALRT-BP	Speaker Strobe Bulk Pack: White: Wall-Mount: Clear Lens (ECS/MNS applicable)
SPSWL-P	Speaker Strobe: White: Wall-Mount: Plain (ECS/MNS applicable)

Feedback

## Related Products



[L-Series Color Lens Attachment](#)

## STROBES &amp; SIGNAL LIGHTS

# L-Series Wall Strobe

L-Series strobes are rich with features guaranteed to cut installation times with its lower current draw and modern aesthetics.

## Overview



Feedback

L-Series strobes are rich with features guaranteed to cut installation times with its lower current draw and modern aesthetics. With white and red plastic housings, wall- and ceiling mount options, standard and compact devices, and plain, FIRE-, and FUEGO-printed devices, these strobes can meet virtually any application requirement.

All devices feature a plug-in design with minimal intrusion into the back box, making installations fast and foolproof while virtually eliminating costly and time-consuming ground faults. To further simplify installation, L-Series strobes utilize a universal mounting plate so installers can mount them to a wide array of backboxes. With an onboard shorting spring, installers can test wiring continuity before the device is installed.

**Features & Benefits:**

- Plug-in design with minimal intrusion into the backbox
- Tamper-resistant construction
- Automatic selection of 12 or 24V operation at 15 and 30 candela
- Field-selectable candela settings on wall units: 15, 30, 75, 95, 110, 135, and 185
- Universal mounting plate for ceiling units
- Mounting plate shorting spring feature checks wiring continuity before device installation
- Electrically compatible with legacy SpectrAlert® and SpectrAlert Advance devices

**Certifications:**

- UL Listed: S5512- S4011
- ULC Listed
- FM Approved

# Specifications

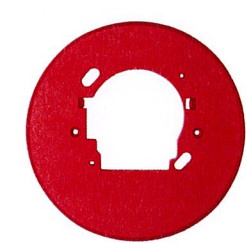
- **Mounting Type** : Wall

## SKUs

SKU	Description
SRL	Strobe, Wall, Red, 4x4
SRL-BP10	Strobe Red Bulk Pack
SRL-P	Strobe, Wall, Red, Plain (ECS/MNS applicable)
SRL-SP	Strobe, Wall, Red, Marked FUEGO
SWL	Strobe: Wall: White: Marked FIRE
SWL-ALERT	Strobe: Wall: White: Amber Lens: Marked ALERT (ECS/MNS applicable)
SWL-ALERT-BP10	Strobe Bulk Pack: Wall: White: Amber Lens: Marked ALERT (ECS/MNS applicable)
SWL-BP10	Strobe Wht Bulk Pack
SWL-CLR-ALERT	Strobe, Wall, White, Marked ALERT (ECS/MNS applicable)
SWL-CLR-ALRT-BP10	Strobe Bulk-Pack, Wall, White, Marked ALERT (ECS/MNS applicable)

Feedback

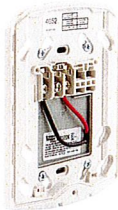
### Related Products



[L-Series Trim Ring](#)



[L-Series Bezel Kits](#)



[MP120K Mounting Plate](#)

# WALL TYPES

- 1 CONC. PANEL W/ ONE LAYER OF 5/8" GWB INTERIOR SIDE ON 2 1/2" METAL STUDS AT 16" O.C. OVER 1" RIGID FOIL BACKED INSULATION. INSTALL 2 1/2"x2 1/2"x2 1/2" LONG ANGLE CLIP, 18 GA. @ 48" O.C. @ TOP TRACK. CUT-OUT INSULATION @ CLIPS & FASTEN DIRECTLY TO CONCRETE PANEL.
- 2 3/8" METAL STUDS AT 16" O.C. W/ 5/8" ABUSE RESISTANT TYPE "Y" GWB ONE SIDE TO 9'-6" AFF. CONTINUE ONE LAYER OF 5/8" GWB (SMOKE TIGHT) ABOVE TO UNDERSIDE OF DECK W/ 2 1/2" BATT SOUND INSULATION. PROVIDE M.R. GWB IN ALL WET AREAS.
- 3 6" METAL STUDS AT 16" O.C. W/ 5/8" M.R. GWB EA. SIDE EXTEND TO 8" ABOVE CEILING. PROVIDE 2 1/2" BATT SOUND INSULATION.

- 4 3/8" METAL STUDS AT 16" O.C. W/ 5/8" GWB. EXTEND 8" ABOVE CEILING W/ 2 1/2" SOUND BATT INSULATION BETWEEN STUD.
- 5 CONCRETE PANEL EXPOSED BOTH SIDES.
- 6 3/4" STUCCO OVER 8" CONC. MASONRY UNITS (CMU). EXTEND CMU TO 9'-4" O.F.F. OR COURSING HT. ABOVE CEILING. ALL CMU CELLS TO BE LOOSE FILLED W/ VERMICULITE INSUL. U.O.N. FINISH BOTH SIDE OF CMU WITH 5/8" GWB ON 7/8" MFL FLOORING. PROVIDE CLOSURE ABOVE ALL CMU TO UNDERSIDE OF ROOF DECK W/ 5/8" GWB (BOTH SIDES) OF 3/8" @ 24" GA. MFL STUDS @ 16" O.C. AND INFILL ALL STUD WALL CAVITIES WITH R-11 BATT INSUL.
- 7 3/8" METAL STUDS AT 16" O.C. W/ 5/8" GWB EA. SIDE FULL HEIGHT. EXTEND ONE LAYER 5/8" GWB TO UNDERSIDE OF STRUCTURE ONE SIDE W/ 2 1/2" SOUND BATT INSULATION BETWEEN STUD.

# GENERAL NOTES

1. ALL EXT. WALLS TO BE TYPE 1 U.O.N.
2. PLAN DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD. (U.O.N.)
3. SEE CIVIL SITE PLAN DRAWINGS FOR WALKWAYS, DRIVES, PARKING AND OTHER RELATED SITE IMPROVEMENTS THAT ARE NOT SHOWN HEREON.
4. SEE LIFE SAFETY PLAN FOR SMOKE TIGHT [2] CORRIDOR WALLS.

# \* DEEMED TO COMPLY ASSEMBLIES\*

- WALL TYPES 1, 5 AND 6 ARE THE ONLY EXTERIOR WALL CONFIGURATIONS.
- TYPE 1 - 7 1/4" CONCRETE TILT UP PANELS EXTERIOR WALL AND 8" CMU EXTERIOR WALLS IN THIS BUILDING MEET THE DEEMED TO COMPLY INTERPRETATION OF THE BROWARD COUNTY BOARD OF RULES AND APPEAL DEC. 19, 1996
- TYPE 5 - 7 1/4" CONCRETE PANELS EXPOSED BOTH SIDES.
- TYPE 6 - INCORPORATES 8" CONCRETE BLOCK MASONRY PARTITIONS IN ACCORDANCE WITH CHAPTER 22 OF THE SPB AND HAS BEEN "DEEMED TO COMPLY" WITH SECTION 2315 OF THE CODE.

THE HASKELL COMPANY  
ARCHITECTS • ENGINEERS • CONTRACTORS  
111 EASTSIDE AVENUE • SUITE 200 • FORT LAUDERDALE, FLORIDA 33304  
TEL: 954-771-1000  
FAX: 954-771-1001

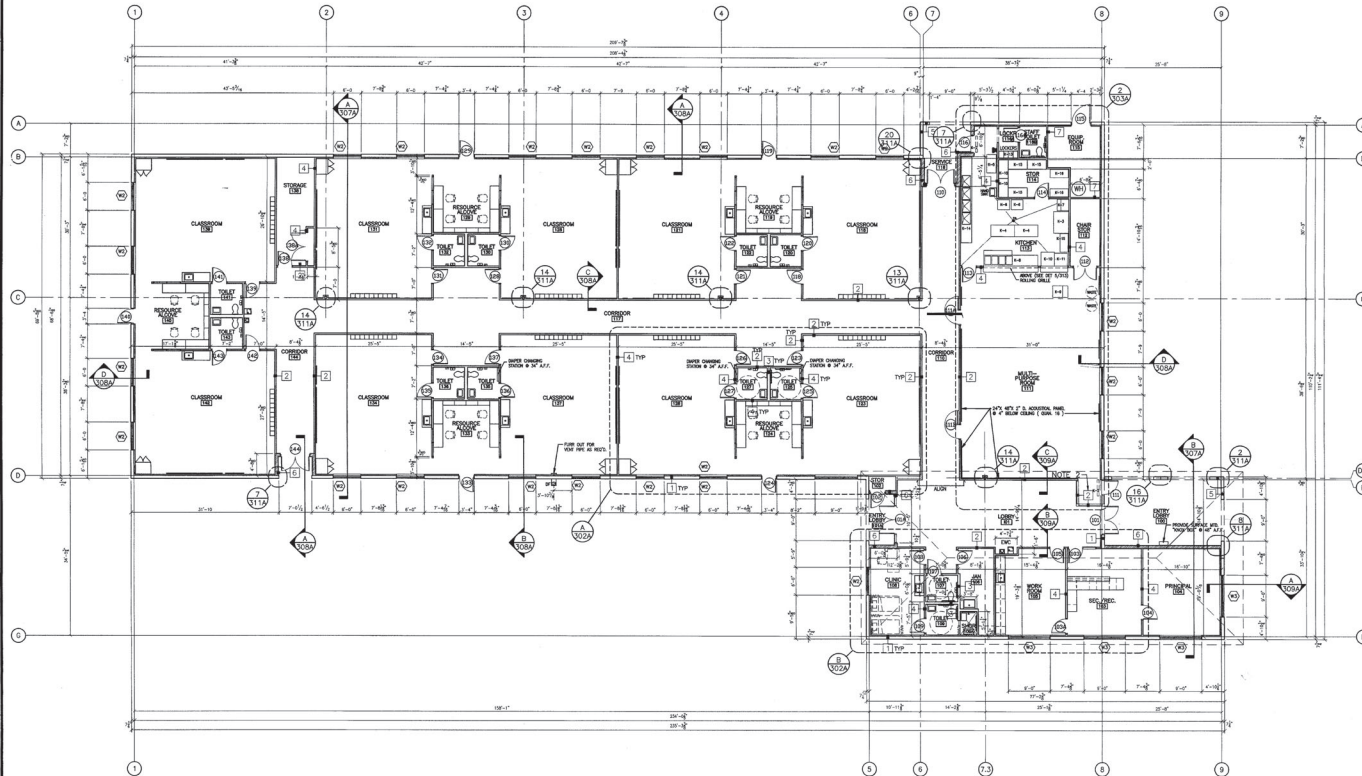
PRE-K CENTER  
1500 S.W. 15th STREET, FORT LAUDERDALE, FLORIDA

09-12-06PML CL  
01-14-06CONTR EISS  
02-23-07PML EISS  
DATE 10/04/07

PRE-K  
FLOOR PLAN  
301A

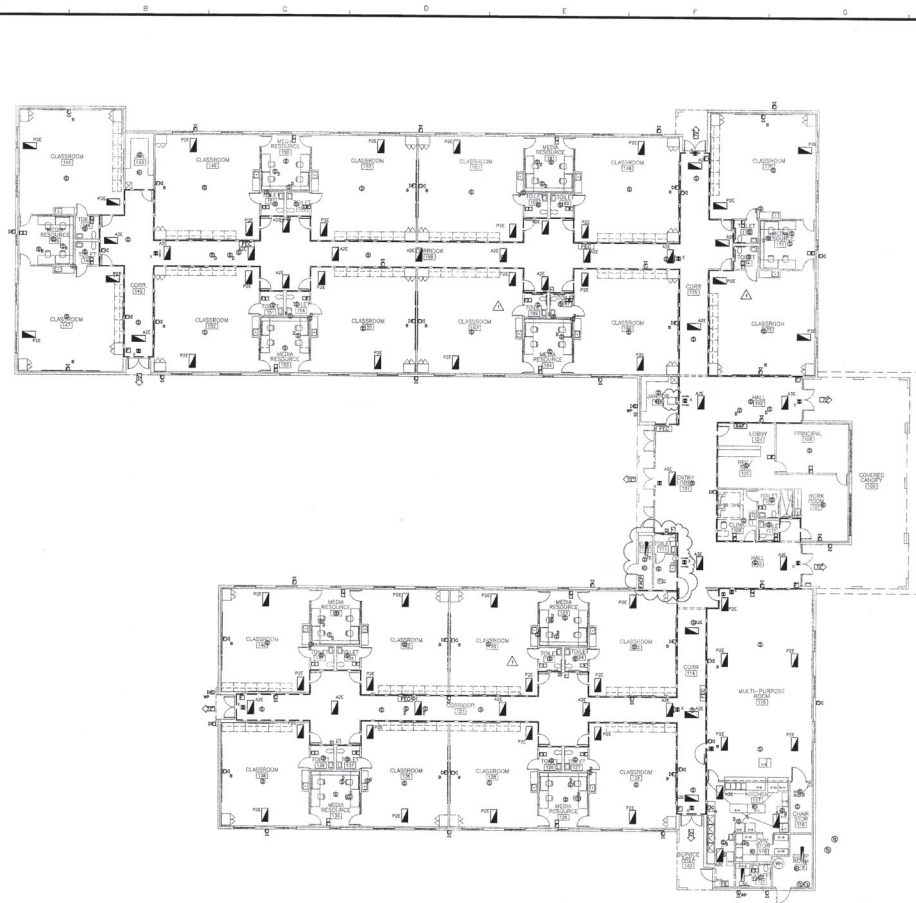
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FLOOR PLAN  
SCALE: 1/8" = 1'-0"









1 LIFE SAFETY PLAN  
SCALE: 3/32"=1'-0"



## LIFE SAFETY ANALYSIS

THE PEMBROKE PINES CHARTER SCHOOL PROJECT SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING CODES AND ORDINANCES:

1. SPBC, SOUTH FLORIDA BUILDING CODE, BROWARD COUNTY EDITION 1994
- A. BUILDING CLASSIFICATION BY OCCUPANCY, GROUP "E", CHAPTER 8
- B. CLASSIFICATION BY CONSTRUCTION, TYPE II, CHAPTER 8
- C. FIRE ZONE LOCATION, ZONE 3
2. OMITTED
3. OMITTED
4. OMITTED
5. 
6. OMITTED
7. FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (FAC) JANUARY 1984 EDITION WITH 1990 ADDENDUM
8. FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION (FEEC) 1985 EDITION

### GENERAL DESIGN CRITERIA

7. BUILDING IS LOCATED ON TYPE 1, STRUCTURE OF TYPE 1, COMPARTMENTED CONSTRUCTION WITH ALUMINUM FIRE SPRINKLER PROTECTION.
8. BUILDING IS LOCATED IN FIRE ZONE 3, THEREFORE ALUMINUM BUILDING WOULD BE COMPLIANT WITH CHAPTER SECTION 914 - ALUMINUM 914.1.
9. BUILDING CLASSIFICATION IS A LIFE PROTECTION FOR COMPLIANCE WITH CHAPTER 3000.
10. WINDSPEED IS 100 MPH, THEREFORE WINDSPEED RATES AND EXPOSURES WITH WALLS THAT EXCEED TO THE UNDERSIDES OF THE ROOF DECK TO INSULATE FLOOR AND VENTILATION WITH WALLS TO 2.0 OF 1.0-2.0.
11. CLADDING ARE PROVIDED WITH INSULATION, FLOOR AND EXPOSURES WITH SPRINKLER UNIFORMS, CLADDING TO BE PROVIDED BY THE CLADDING MANUFACTURER.
12. BUILDING FOR RESIDUAL AND NOT PROVIDED BY EXEMPTION 1015 OF 1015-11.
13. FOR A BUILDING PROVIDED BY AN AUTOMATIC SPRINKLER SYSTEM.
14. BUILDING IS PROVIDED WITH A FIRE ALARM SYSTEM IN ACCORDANCE WITH 917.2. THE SYSTEM SHALL BE MONITORED BY LICENSED, 24 HOUR, SUPERVISOR (TELEPHONE, SPRINKLER SYSTEM WITH AUDIO AND VISUAL ALARM, VIDEO).
15. FOR PORTABLE FIRE EXTINGUISHERS ARE PROVIDED FOR TYPE 1 AND SPRINKLING UNIFORM AS REQUIRED BY TABLE 1015.1.
16. PROVIDE ONE 10 LB. TYPE TYPE EXTINGUISHER FOR EVERY 2000 SQ. FT.
17. PROVIDE ONE 10 LB. TYPE TYPE EXTINGUISHER.

## EGRESS REQUIREMENTS

ROOM	NO. OCCUPANTS	UNIT OF EXIT WIDTH	REQ'D. EXIT WIDTH (INCHES)
MULTIPURPOSE ROOM	234	X 0.20 (INCHES)	= 46.8"
CLASSROOM (30)	500(25 X20)	X 0.20 (INCHES)	= 100.0"
SUPPORT AREAS	12 746 OCCUPANTS	X 0.20 (INCHES)	= 2.4"

TOTAL: 1		TOTAL REQ'D. EXIT WIDTH = 149.2 INCHES	
EXIT WIDTH PROVIDED:			
2 CORRIDORS @ 84 IN. + 1 CORRIDOR @ 98 IN.			= 266 INCHES
6 EXIT CORRIDORS DOES @ 72 IN. EA. ( 360 PERSONS EA. )			= 432 INCHES
TOTAL EXIT WIDTH PROVIDED:			= 698 INCHES

### EXIT TRAVEL REQUIREMENTS

TRAVEL DISTANCE DOES NOT EXCEED 200 FT. FOR COMPLIANCE WITH NTPA 10-2.6

LEGEND

- |   |                                   |
|---|-----------------------------------|
|    | SMOKE TIGHT PARTITIONS            |
|    | FIRE ALARM STROBE LIGHT           |
|    | HORN AND STROBE LIGHT COMBINATION |
|    | HEAT DETECTOR                     |
|   | SMOKE DETECTOR                    |
|  | FIRE ALARM PULL STATION           |
|  | EXIT SIGN                         |
|  | FIRE EXTINGUISHER CABINET         |
|  | FIRE EXTINGUISHER                 |
|  | EMERGENCY LIGHT FIXTURE           |
|  | 36" = 180 OCCUPANTS               |
|  | 72" = 360 OCCUPANTS               |
|  | FIRE RISK                         |

JOSE L. KULLSTROM  
ARCHITECT



THE HASKELL COMPANY

ARCHITECTS • ENGINEERS • CONTRACTORS

**K-5  
CHARTER SCHOOL**  
1600 S.W. 184TH STREET PLEMBROKE PINES, FLORIDA

2-24-98	F.O. # 1
02-16-98	ADD #1
2-6-98	FINAL C.I.
1-19-98	CONST ISSUE
12-15-97	PERMIT ISSUE

DATE \_\_\_\_\_ ISSUE/REVISION \_\_\_\_\_

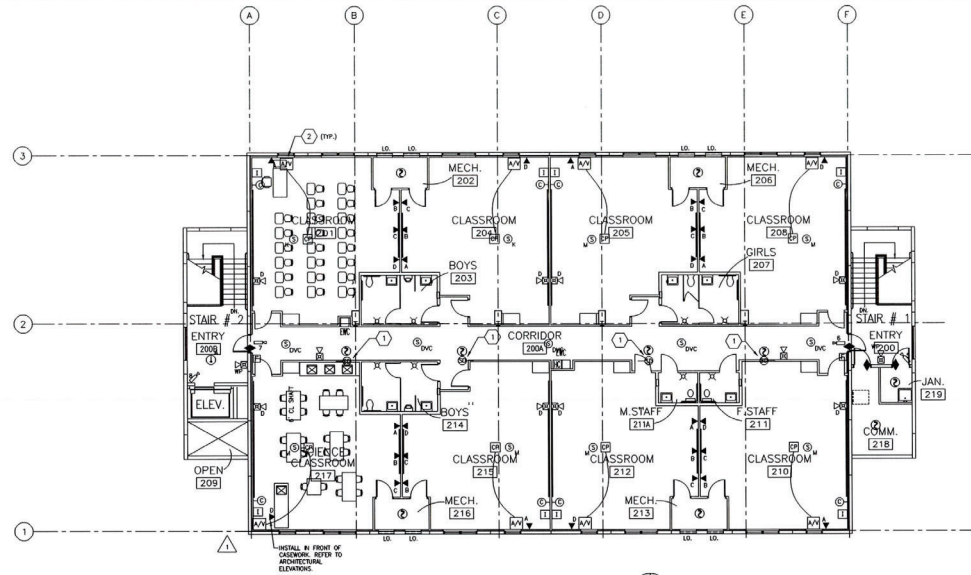
We hereby expressly reserve the property rights to this drawing and it is not to be reproduced, copied in any format or manner whatsoever without first obtaining our express written permission and

DRAWN BY: CP		CHECKED BY: BDA	
AC JOB NUMBER 40424201			

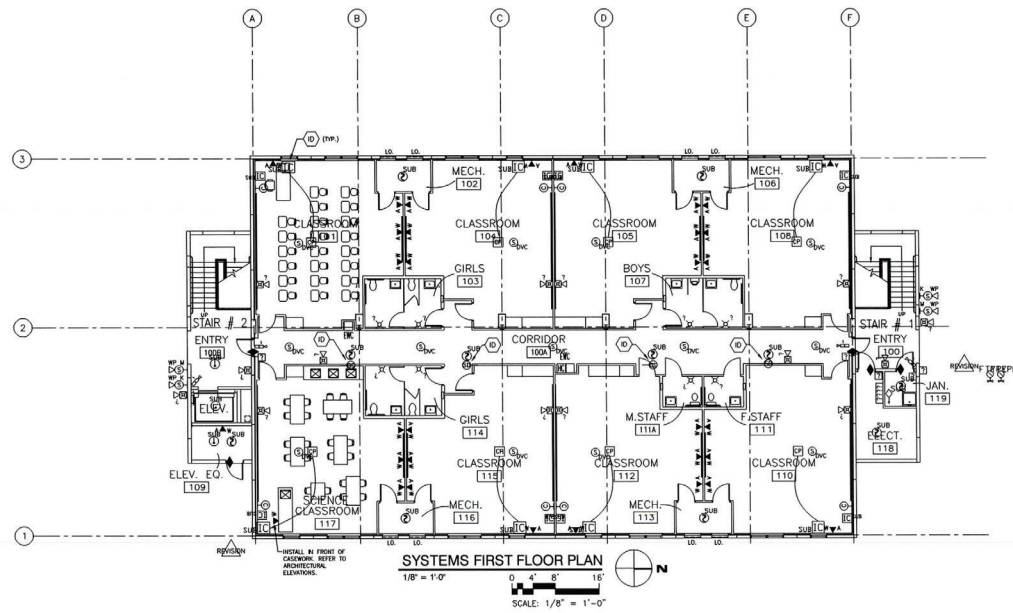
LIFE SAFETY  
PLAN

300  
SHEET NUMBER

H:\a\mex\ARMAN ARIZONA\WEST CAMPUS CHARTER SCHOOL\NEW BUILDING\ES110\2023\10.dwg Layer: Name: ES110 Mar 23, 2023 - 3:18pm PLOTTED BY: mms



- REFERENCE NOTES:
1. PROVIDE A SMOKE DETECTOR MOUNTED ON 4" SCHEDULE 40S, PROVIDED A SMOKE ALARM LIGHT TO CORRIDOR AND ALL ROOMS. EACH SMOKE DETECTOR PROVIDES ALL PROGRAMS AND HARDWARE REQUIRED TO MONITOR THE SMOKE DETECTOR WITH THE ALARM SYSTEM SUCH THAT UPON ACTIVATION OF THE SMOKE DETECTOR THE SMOKE DAMPER SHALL CLOSE.
  2. PROJECTOR INTERFERENCE WALL PLATE WITH CAVITY CONNECTIONS EXCEEDING 1 1/4" FROM FLOOR MOUNTED TO CEILING CAVITY AS INDICATED. REFER TO DETAIL DET-001.



MERLE L. JAMNICK, P.E.  
ELECTRICAL ENGINEER  
111 Riverside Avenue  
Jacksonville, Florida 32202  
Phone # (904) 781-4000  
Fax # (904) 781-4000

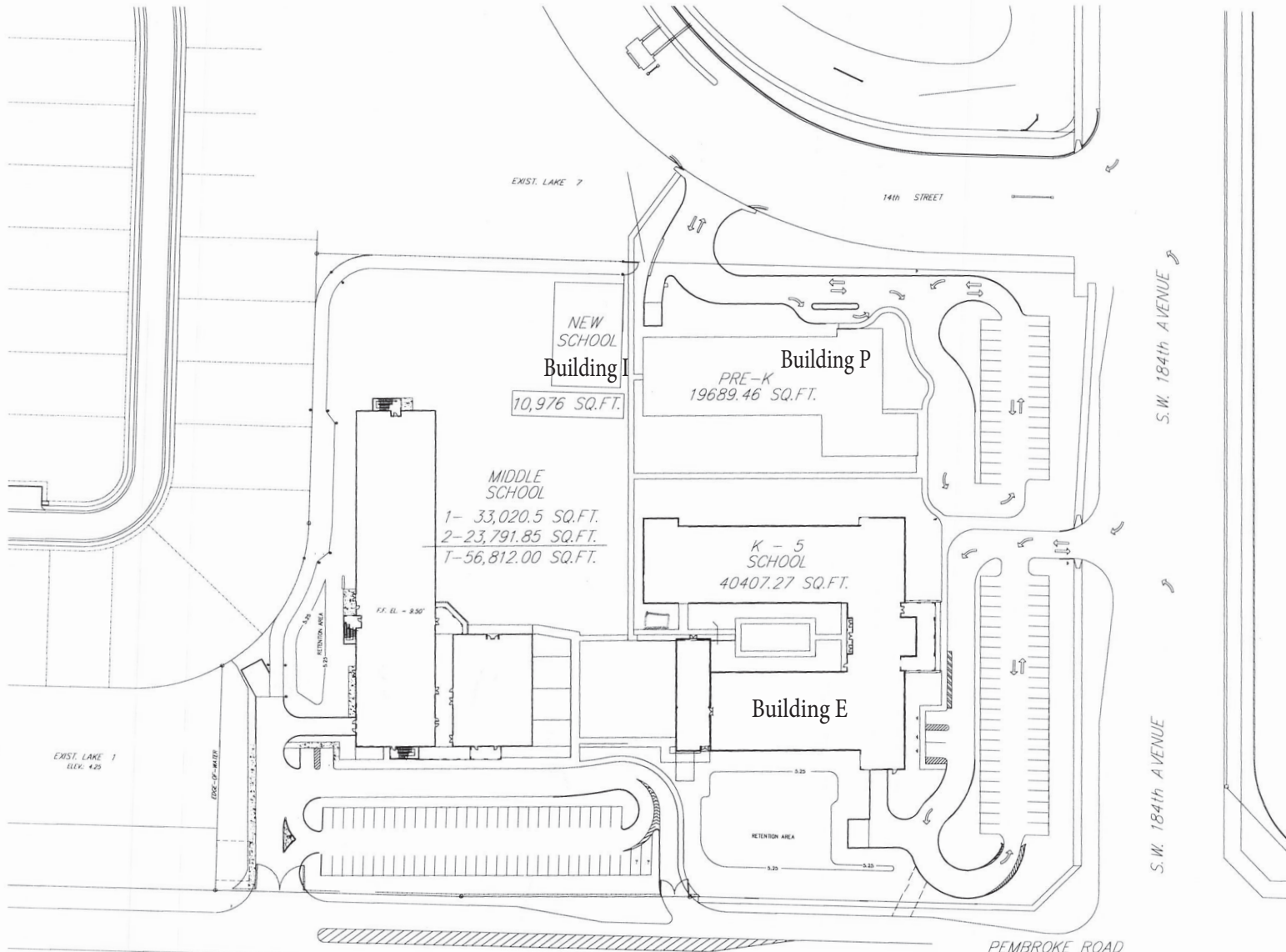


WEST CAMPUS ADDITIONS  
CHARTER SCHOOL  
PINEBROOK PINES, FLORIDA

DATE	ISSUE/REVISION
1/2/09	RD
10/30/08	REV. F.D.#1
10/21/08	REV. F.D.#1
9/15/08	REV. COMMENTS
8/19/08	REV. #1
4/23/08	REV. #1
1/2/08	REV. #1
2/25/08	Coordination Rev.

SYSTEMS  
FIRST & SECOND  
FLOOR PLAN

ES110  
SHEET NUMBER



WEST CAMPUS CHARTER SCHOOL



# ED-23-03 - Fire Alarm Replacement at West Campus Charter School

City of Pembroke Pines [Back to list](#)



## Project Details

**Project:** Fire Alarm Replacement at West Campus Charter School

May 2023

[prev](#) [next](#)

**Ref. #:** ED-23-03

**Type:** IFB

**Status:** CLOSED

**Open Date:** Apr 11th 2023, 8:30 PM EDT

**Intent to Bid Due Date:** May 4th 2023, 2:00 PM EDT

**Questions Due Date:** Apr 24th 2023, 11:30 PM EDT

**Contact Information:** Procurement Department, 954-518-9020

**Close Date:** May 4th 2023, 2:00 PM EDT

**Days Left:** Submissions are now closed

### Project Description:

The City of Pembroke Pines is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to replace the fire alarm systems at the Pembroke Pines Charter School West Campus complex, located between 18500 Pembroke Road and 1680 SW 184th Ave, Pembroke Pines, FL 33029, in accordance with the terms, conditions, and specifications contained in this solicitation.

### Important Events:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30 OPEN	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

PASSED	Open Date	Online Portal	Posting date for the Opportunity	Apr 11th 2023, 8:30 PM EDT	N/A
PASSED	Site Visit	Meeting location will be at the Main Office of City of Pembroke Pines Charter School West Campus, located at 1680 SW 184th Ave, Pembroke Pines, FL 33029. The contractors are required to visit all buildings in the West Campus complex.	A site visit is required prior to submitting a proposal. There will be a scheduled site visit on April 19, 2023 at 10:00 a.m. In the event that a contractor can not attend the scheduled site visit, or if a contractor would like a follow up visit to the site, they may request a site visit by contacting Irene Munarriz at (954) 518-9061. We urge all contractors to attend the scheduled meeting, as a separate or follow-up meeting may not be afforded to the requester due to scheduling and availability of staff to assist with any additional meetings. In addition, if making a request for a separate or follow-up meeting, contractors are urged to make these requests as early as possible.	Apr 19th 2023, 10:00 AM EDT	No
PASSED	Questions Due Date	Online Portal	Deadline to submit Questions	Apr 24th 2023, 11:30 PM EDT	N/A
PASSED	Close Date	Online Portal	Deadline for Submissions	May 4th 2023, 2:00 PM EDT	N/A
PASSED	Intent to Bid Due Date	Online Portal	Deadline to indicate your intent to Bid	May 4th 2023, 2:00 PM EDT	Yes

#### Commodity Codes:

- US\_NAICS\_2017 23 **Construction**
- US\_NAICS\_2017 236 **Construction of Buildings**
- US\_NAICS\_2017 2362 **Nonresidential Building Construction**
- US\_NAICS\_2017 23622 **Commercial and Institutional Building Construction**
- US\_NAICS\_2017 236220 **Commercial and Institutional Building Construction**
- US\_NAICS\_2017 238 **Specialty Trade Contractors**
- US\_NAICS\_2017 23821 **Electrical Contractors and Other Wiring Installation Contractors**
- US\_NAICS\_2017 238210 **Electrical Contractors and Other Wiring Installation Contractors**
- US\_NAICS\_2017 23829 **Other Building Equipment Contractors**
- US\_NAICS\_2017 238290 **Other Building Equipment Contractors**
- US\_NAICS\_2017 23899 **All Other Specialty Trade Contractors**
- US\_NAICS\_2017 238990 **All Other Specialty Trade Contractors**
- US\_NAICS\_2017 517 **Telecommunications**
- US\_NAICS\_2017 5173 **Wired and Wireless Telecommunications Carriers**
- US\_NAICS\_2017 54135 **Building Inspection Services**
- US\_NAICS\_2017 541350 **Building Inspection Services**
- US\_NAICS\_2017 56162 **Security Systems Services**
- US\_NAICS\_2017 92216 **Fire Protection**

## Supporting Documentation:

Download All Files

Search

File	Type	Description	Date Created	Actions
Bonfire FAQs regarding Questionnaires.pdf	Other	Bonfire FAQs regarding Questionnaires	Mar 24th 2022, 1:40 PM EDT	<a href="#">Download</a>
IFB # ED-23-03 Fire Alarm Replacement at West Campus Charter School.pdf	Documentation	1) IFB	Apr 11th 2023, 10:29 AM EDT	<a href="#">Download</a>
Non-Collusive Affidavit.pdf	Documentation	Attachment A	Oct 27th 2021, 12:18 PM EDT	<a href="#">Download</a>
QA 2 - ED-23-03.pdf	Other	Document - Second Q&A Document	Apr 27th 2023, 4:22 PM EDT	<a href="#">Download</a>
QA - ED-23-03.pdf	Other	Document - Questions & Answers	Apr 20th 2023, 4:22 PM EDT	<a href="#">Download</a>
Sample Insurance Certificate.pdf	Documentation	Attachment B	Aug 9th 2022, 3:33 PM EDT	<a href="#">Download</a>
Site Visit Sign In Sheet.pdf	Other	Document - Site Visit Sign In Sheet	Apr 19th 2023, 2:27 PM EDT	<a href="#">Download</a>
Specimen Contract - Construction Agreement.pdf	Documentation	Attachment C	Apr 11th 2023, 9:52 AM EDT	<a href="#">Download</a>
Standard Release of Lien.pdf	Documentation	Attachment D	Apr 11th 2023, 9:53 AM EDT	<a href="#">Download</a>
Submission Instructions - ED-23-03.pdf	Documentation	General Submission Instructions	Apr 11th 2023, 2:41 PM EDT	<a href="#">Download</a>
West Campus Building I Floor Plan.pdf	Documentation	Attachment H	Apr 11th 2023, 9:58 AM EDT	<a href="#">Download</a>
West Campus Complex Layout.pdf	Documentation	Attachment I	Apr 11th 2023, 9:59 AM EDT	<a href="#">Download</a>
West Campus Fire Accessories Specifications.pdf	Documentation	Attachment E	Apr 11th 2023, 9:56 AM EDT	<a href="#">Download</a>
West Campus K-5 Building E.pdf	Documentation	Attachment G	Apr 11th 2023, 9:57 AM EDT	<a href="#">Download</a>
West Campus Pre-K Building P Floor Plan.pdf	Documentation	Attachment F	Apr 11th 2023, 9:57 AM EDT	<a href="#">Download</a>

## Additional Information:

[Skip Top Navigation](#)

Below are the documents and information needed to complete your submission:

### Pricing Sheet (BT-78JX)

BidTable:  
Excel 1  
(.xlsx)

REQUIRED

 UNIQUE PER ALTERNATE

You will need to fill out the provided Response Template for this BidTable.

Download

## Questionnaires

Name	Type	# Files	Requirement	Instructions	Actions
Proposal Submission (Q-37KV)	Questionnaire: Excel (.xlsx)	1	REQUIRED	You will need to fill out the provided Response Template for this Questionnaire.	Download

## Other Completed Documents

Name	Type	# Files	Requirement	Instructions	Actions
Non-Collusive Affidavit	File Type: PDF (.pdf)	1	REQUIRED		

## Optional Documentation

Name	Type	# Files	Requirement	Instructions	Actions
Trade Secrets	File Type: PDF (.pdf)	Multiple	OPTIONAL		
Financial Statements	File Type: PDF (.pdf)	Multiple	OPTIONAL		
Alternatives	File Type: PDF (.pdf)	Multiple	OPTIONAL		
Additional Information	File Type: PDF (.pdf)	Multiple	OPTIONAL		

## Document Takers

Search

Vendors	# Files	Actions
Advanced Electrical Solutions, Inc.	<a href="#">17</a>	<a href="#">View</a>
All American Bonds & Insurance	<a href="#">2</a>	<a href="#">View</a>
Alpha Security and Fire Alarm Services, Inc.	<a href="#">14</a>	<a href="#">View</a>
Bass-United Fire & Security Systems Inc.	<a href="#">33</a>	<a href="#">View</a>
BidNet	<a href="#">12</a>	<a href="#">View</a>
1	<a href="#">141</a>	<a href="#">View</a>



ConstructConnect	<a href="#">24</a>	<a href="#">View</a>
ConstructConnect	<a href="#">24</a>	<a href="#">View</a>
DAN ENTERPRISES LLC	<a href="#">27</a>	<a href="#">View</a>
Dodge Data & Analytics	<a href="#">1</a>	<a href="#">View</a>
Dodge Data & Analytics	<a href="#">15</a>	<a href="#">View</a>
Dynalectric Florida	<a href="#">12</a>	<a href="#">View</a>
FAR Government	<a href="#">1</a>	<a href="#">View</a>
Fedora Intertech	<a href="#">13</a>	<a href="#">View</a>
Maritech Systems, Inc	<a href="#">15</a>	<a href="#">View</a>
Metro Contractor Inc	<a href="#">20</a>	<a href="#">View</a>
Onvia, Inc	<a href="#">16</a>	<a href="#">View</a>
PWXPress	<a href="#">28</a>	<a href="#">View</a>
Shay Enterprise	<a href="#">17</a>	<a href="#">View</a>
Siemens Industry, Inc.	<a href="#">12</a>	<a href="#">View</a>
Triad Security Group Inc	<a href="#">59</a>	<a href="#">View</a>
WSA Systems	<a href="#">16</a>	<a href="#">View</a>

### Interested Subcontractors

Vendors	Contact	Email	Phone	Subcontract Services
DAN ENTERPRISES LLC	Teddy Castellanos	sales1@danenterprisesteam.com	9545365429	Century Fire, Inc

### Messages

[Public Notices \(4\\*\)](#)

[Vendor Discussions \(8\\*\)](#)



**Irene Munarriz**

**Closing Date Extended**

Due to network issues with Bonfire, this project has been extended until May 4th at 2 PM.

2:44 PM

**Irene Munarriz**

**Second Q&A Document**

Please see additional questions received during the Q&A period.

4:22 PM

**Irene Munarriz**

**Questions & Answers**

Please find attached questions and answers from the April 19, 2023 10 AM Site Visit.

4:22 PM

**Irene Munarriz**

**Site Visit Sign In Sheet**

Please find attached the Site Visit Sign In Sheet for the meeting that took place on April 19, 2023 at 10 AM.

2:27 PM

Click New Public Notice or click a conversation on the left to see message here.



## Submissions and Subcontracting

This project is not open for proposal submissions at this time.

1

[Skip Top Navigation](#)



## Questions & Answers

**Question 1)**

What if during installation the fire alarm service is interrupted for a couple of days?

**Answer:** Winning bidder is responsible for providing personnel for a requested Firewatch for this period of time. Please find this on page 8 of the bid package.

**Question 2)**

Who is responsible for providing all plans and shop drawings to the Building Department for permitting?

**Answer:** Winning bidder shall provide complete engineered plans and shop drawings. Please find this on page 6 of the bid package.

**Question 3)**

What type of ceilings are found in the classrooms and hallways?

**Answer:** Dropped ceiling in all classrooms and hallways.

**Question 4)**

Are the systems connected to a network?

**Answer:** All fire systems are connected to a fiber network. Building E and Building I should be interconnected, and Building P will be an individual (standalone) unit.



## Questions & Answers (Continued)

### **Question 5)**

Will the building be occupied (summer school) during the project? If so, what is the schedule?

**Answer:** Buildings I and E are not occupied during the summer break, with the exception of June 12, 2023 from 7 AM until 12 PM for an event. Clerical staff members will work on campus until June 15, 2023 and return to campus on July 24, 2023. Some administrative personnel work throughout the entire summer break on campus, however, they may occasionally work remote. Building P will be occupied during the summer break from Monday to Friday, 7 AM until 6 PM.

### **Question 6)**

Connection to the 31 duct detectors will be required by the A/C vendor or maintenance. Who is responsible for service calls (billing) and scheduling?

**Answer:** This is a turnkey project; the winning contractor is responsible for the full installation. The winning bidder must hire a mechanical contractor to connect the duct detectors. The City's current monitoring service contractor is responsible for service calls for the existing system. The new system will also be monitored by the City's current monitoring service contractor after full installation and testing is completed.

### **Question 7)**

Is there a schedule for access to unoccupied classrooms and building space?

**Answer:** There is no schedule for unoccupied classrooms and building space, except Building P (Elementary) will be occupied Monday through Friday from 7 AM until 6 PM. The City will plan for weekend and overnight work so that the building and classrooms can be accessed.

### **Question 8)**

What is the ceiling height for all buildings?

**Answer:** Ranging between 9 – 10 ft.

**Question 9)**

Are there hard lid ceilings or acoustical ceilings?

**Answer:** There are drop down ceiling tiles.

**Question 10)**

Do the new fire alarm systems need to be installed in a conduit raceway system? Or is free-wire allowed?

**Answer:** Free wire is permitted where code permits.

**Question 11)**

Are the walls concrete or drywall?

**Answer:** The interior walls are drywall, and the exterior walls are concrete.

**Question 12)**

Will a Potter Fire Alarm System be considered an alternate to Firelite?

**Answer:** No.

**Question 13)**

Any wall and/or floor penetrations required?

**Answer:** Contractor may use existing.

**Question 14)**

Is there a sprinkler backflow preventer and/or PIV valve? If yes, how far from buildings? If yes, how is conduit currently buried? Under dirt, parking lot, etc.?

**Answer:** There is a sprinkler backflow preventer 70 feet from Buildings P and I, and a sprinkler backflow preventer 250 feet from Building E. Some portions of the conduit are buried under dirt, concrete, sidewalks, and other portions of the conduit are in the walls and drop-down ceiling of the buildings.

## Public Notices

### Site Visit Sign In Sheet

*Apr 19, 2023 2:27 PM EDT*

Please find attached the Site Visit Sign In Sheet for the meeting that took place on April 19, 2023 at 10 AM.

### Questions & Answers

*Apr 20, 2023 4:22 PM EDT*

Please find attached questions and answers from the April 19, 2023 10 AM Site Visit.

### Second Q&A Document

*Apr 27, 2023 4:22 PM EDT*

Please see additional questions received during the Q&A period.

### Closing Date Extended


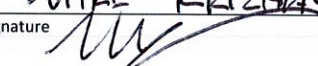


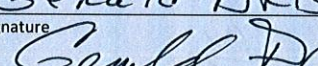

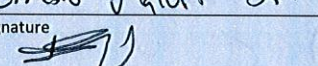
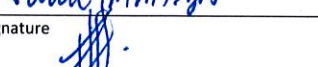
*May 02, 2023 2:44 PM EDT*

Due to network issues with Bonfire, this project has been extended until May 4th at 2 PM.



**ED-23-03 Fire Alarm Replacement at West Campus Charter School**

Date: 4/19/2023 10:00 a.m. Meeting Location: West Campus, 1680 SW 184th Ave, Pembroke Pines, FL 33029

<b>PRE-BID ATTENDANCE SHEET</b>			
1)	Company Name: <u>Conti</u>	Representative Printed Name: <u>Shawn Ferguson</u>	E-mail: <u>SFerguson@Conticorporation.com</u>
	Address: <u>2001 N Andrews Ave Pompano Beach</u>	Signature: 	Phone Number: <u>954 243-8029</u>
2)	Company Name: <u>BASS-UNITED</u>	Representative Printed Name: <u>MIKE KRIZIAUSKI</u>	E-mail: <u>MIKE@BASSUNITED.COM</u>
	Address: <u>3000 Gateway DR</u>	Signature: 	Phone Number: <u>786-586-9201</u>
3)	Company Name: <u>ALPHA SECURITY</u>	Representative Printed Name: <u>BRIAN PINNOCK</u>	E-mail: <u>INFO@ALPHASEC.COM</u>
	Address: <u>33351 5405 NW 102 AVE SUNRISE FL</u>	Signature: 	Phone Number: <u>(954) 587 6943</u>
4)	Company Name: <u>BASSUNITED Fire</u>	Representative Printed Name: <u>BRAD LIGDON</u>	E-mail: <u>brad@BASSUNITED.COM</u>
	Address: <u>3000 GATEWAY DR</u>	Signature: 	Phone Number: <u>954-785-7800</u>
5)	Company Name: <u>Triad Security Group</u>	Representative Printed Name: <u>Gerald DRISCOLL</u>	E-mail: <u>CAVON LVC@A01</u>
	Address: <u>9305 Old Orchard Rd.</u>	Signature: 	Phone Number: <u>954 6148883</u>
6)	Company Name: <u>METRO CONTRACTOR INC</u>	Representative Printed Name: <u>Luther Valiente</u>	E-mail: <u>metro3836@gmail.com</u>
	Address: <u>5301 NW 158 Terrace Miami Gardens UNIT 103 FL 33014</u>	Signature: 	Phone Number: <u>786 5087611</u>
7)	Company Name: <u>AES Fire and Security</u>	Representative Printed Name: <u>Ernesto Mauff Jr.</u>	E-mail: <u>Email: HCA AES1996.com</u>
	Address: <u>4051 SW 47th AVE suite 101 Davie FL</u>	Signature: 	Phone Number: <u>561-2948789</u>
8)	Company Name: <u>DAN ENTERPRISES TEAM1 LLC</u>	Representative Printed Name: <u>Sam Mnt.zn</u>	E-mail: <u>sa/bj1@dantenterprisesTEAM1.</u>
	Address: <u>18501 Pine Blvd. Suite 357 PP 33029</u>	Signature: 	Phone Number: <u>9545365429</u>

**WAIVER AND RELEASE OF LIABILITY**

As a participant and by signing this PRE-BID ATTENDANCE SHEET, I hereby waive, release, and indemnify the City of Pembroke Pines, its officers, agents, employees, commission, insurers and volunteers (collectively, the "City") from any and all claims, liability, injury, causes of action, suits, demands and/or damage of whatever kind, (collectively, "Claims") made by myself or any party on my behalf whether caused in whole or in part by any negligence of the City, or otherwise, in connection with my participation in the above-referenced program/activity. I hereby further hold the City harmless from any and all Claims that may be incurred in connection with my participation in the above-referenced site visit for the above mentioned project. By signing this form and as a participant in this PRE-BID MEETING / SITE VISIT, I affirm that I am physically able to participate in the City of Pembroke Pines's PRE-BID MEETING / SITE VISIT. By signing this form I affirm that I understand and recognize there are risks and hazards associated with said activity and that I am waiving and releasing the Claims described above. This Waiver and Release shall be binding upon myself, and my respective successors, heirs, assigns, executors, administrators, spouse and next of kin. I affirm that I am aware of the current recommendations from the CDC, the State of Florida, Broward County, and the City related to Covid-19 and agree to abide by those recommendations as applicable to any activity related to this site visit.

# Submission Instructions for Suppliers

Please follow these instructions to submit via our Public Portal.

## 1. Prepare your submission materials:

### Requested Information

Name	Type	# Files	Requirement	Instructions
Pricing Sheet (BT-78JX)	BidTable: Excel (.xlsx)	1	Required, Unique per Alternate	You will need to fill out the provided Response Template for this BidTable. The Response Template can be downloaded from the project listing on the Bonfire portal.
Proposal Submission (Q-37KV)	Questionnaire: Excel (.xlsx)	1	Required	You will need to fill out the provided Response Template for this Questionnaire. The Response Template can be downloaded from the project listing on the Bonfire portal.
Non-Collusive Affidavit	File Type: PDF (.pdf)	1	Required	



Name	Type	# Files	Requirement	Instructions
Trade Secrets	File Type: PDF (.pdf)	Multiple	Optional	
Financial Statements	File Type: PDF (.pdf)	Multiple	Optional	
Alternatives	File Type: PDF (.pdf)	Multiple	Optional	
Additional Information	File Type: PDF (.pdf)	Multiple	Optional	

## Commodity Codes

Commodity Set	Commodity Code	Title	Description
US_NAICS_2017	23821	Electrical Contractors and Other Wiring Installation Contractors	
US_NAICS_2017	517	Telecommunications	
US_NAICS_2017	5173	Wired and Wireless Telecommunications Carriers	
US_NAICS_2017	54135	Building Inspection Services	
US_NAICS_2017	541350	Building Inspection Services	
US_NAICS_2017	56162	Security Systems Services	
US_NAICS_2017	92216	Fire Protection	

Commodity Set	Commodity Code	Title	Description
US_NAICS_2017	922160	Fire Protection	

### **Requested Documents:**

Please note the type and number of files allowed. The maximum upload file size is 1000 MB.

Please do not embed any documents within your uploaded files, as they will not be accessible or evaluated.

### **Requested Questionnaires:**

The Questionnaire Response Templates can be obtained at  
<https://ppines.bonfirehub.com/opportunities/90810>.

Please note that Questionnaires may take a significant amount of time to prepare.

### **Requested BidTables:**

The BidTable Response Templates can be obtained at  
<https://ppines.bonfirehub.com/opportunities/90810>.

Please note that BidTables may take a significant amount of time to prepare.

### **Alternate Options:**

This project allows you to submit up to 5 alternate options. If you elect to submit an alternate option you will be asked to only submit the Requested Information that is designated as 'Unique per Alternate'.

## **2. Upload your submission at:**





<https://ppines.bonfirehub.com/opportunities/90810>

You will not be able to prepare a submission unless you submit 'Yes' for your Intent to Bid by **May 02, 2023 2:00 PM EDT.**

The Vendor Discussion period for this opportunity starts Apr 11, 2023 8:30 PM EDT. The Vendor Discussion period for this opportunity ends Apr 24, 2023 11:30 PM EDT. You will not be able to send messages after this time.

Your submission must be uploaded, submitted, and finalized prior to the Closing Time of **May 02, 2023 2:00 PM EDT.** We strongly recommend that you give yourself sufficient time and **at least ONE (1) day** before Closing Time to begin the uploading process and to finalize your submission.

### **Important Notes:**

Each item of Requested Information will only be visible after the Closing Time.

Uploading large documents may take significant time, depending on the size of the file(s) and your Internet connection speed.

You will receive an email confirmation receipt with a unique confirmation number once you finalize your submission.

Minimum system requirements: Microsoft Edge, Google Chrome, or Mozilla Firefox. Javascript must be enabled. Browser cookies must be enabled.

### **Need Help?**

City of Pembroke Pines uses a Bonfire portal for accepting and evaluating proposals digitally. Please contact Bonfire at [Support@GoBonfire.com](mailto:Support@GoBonfire.com) for technical questions related to your submission. You can also visit their help forum at <https://vendorsupport.gobonfire.com/hc/en-us>