

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New OTR Sole Source Bid Waiver Emergency

Previous Contract/Project No. _____

Contract

Re-Bid Other

LIVING WAGE APPLIES: YES NO

Requisition

FB-01495

TERM OF
CONTRACT

One Time Purchase

No./Project No.:

Requisition /Project
Title:

CRASH MEDICAL ALERT SYSTEM

Description:

The Awarded Bidder shall furnish all labor, materials and equipment, for work related to providing a Crash Alert System.

The system must be compliant with Federal Aviation Administration (FAA) Advisory Circular 150_5210_70 and shall provide the ability to set unique alert tones, allowing for Airport personnel to provide the appropriate response to the following conditions:

- a. Crash
- b. Medical
- c. Other Emergencies

Note* The awarded Bidder will have to access the Air traffic control tower and certain airside areas.

Issuing Department: **MDAD**

Contact Person: **Maria Perez**

Phone: **(305) 876-7092**

Estimate Cost: **\$140,343.00**

GENERAL FEDERAL OTHER

Funding Source: **PROPRIETARY**

ANALYSIS

93977

83845

93977

Contract/Project History of previous purchases three (3) years
Check here if this is a new contract/purchase with no previous history.

EXISTING

2ND YEAR

3RD YEAR

Contractor: _____

Small Business Enterprise: _____

Contract Value: _____

Comments: _____

Continued on another page (s): Yes No

RECOMMENDATIONS

Set-aside

Sub-contractor goal

Bid preference

Selection factor

SBE

Basis of
recommendation: _____

Signed: **Herminia Williams**

Date sent to SBD: 01/29/2020

Date returned to DPM: [Redacted]

Revised (FF) 9/08

SECTION 2

SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract for a Crash Medical Alert System (CMAS) at Miami International Airport (MIA). The CMAS design must meet Federal Aviation Administration (FAA) Advisory Circular 150_5210_7D Requirements for Airport Operations.

ACRONYMS

- **ARFF- Aircraft Rescue and Firefighting**
- **ATCT-Air Traffic Control Tower**
- **AOA- Airfield Operations Area**
- **CBP- U.S Customs and Border Protection**
- **CMAS- Crash Medical Alert System**
- **FAA-Federal Aviation Administration**
- **FIS- Federal Inspection Services**
- **GAA- General Aviation Airports**
- **ILM- Intelligent Line Module**
- **IT-Information Technology**
- **MDAD- Miami Dade Aviation Department**
- **MIA- Miami International Airport**
- **TSA- U.S. Transportation Security Administration**

DEFINITIONS

- **Console-**
- **Main Equipment Room- Telecommunications Equipment Room/Switch Room (E-2386)**
- **Redundancy for the Primary database and processor- Must have a secondary database and processor for backup in the event of failure of the primary one**

2.2 TERM OF CONTRACT

This contract shall commence on the first (1st) calendar day of the month succeeding approval of the contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Blanket Purchase Order issued by the Internal Services Department, Strategic Procurement Division. The contract will remain in effect until the items are received and accepted by the County (MDAD).

2.3 METHOD OF AWARD

Award of this contract shall be made to the responsive, responsible Bidder who meets the qualification criteria listed below, and whose offer represents the lowest price when all items are added in the aggregate.

If the Awarded Bidder defaults, the County shall have the right to negotiate with the next responsive, responsible Bidder.

Minimum Qualification Criteria

- a) Bidder(s) shall submit a reference from at least three (3) clients who have received similar services within the last three (3) years. Letters must be submitted on each respective client's letterhead, and shall

Commented [WH(1)]: Please define

Commented [PM(2R1)]: Telecommunications Equipment Room/Switch Room (E-2386)

Commented [PM(3)]: This is not required. The bid solicitation is for the purchase and installation of the system. Once accepted, our on-site vendor, Black Box, will continue with the maintenance of the system.

Commented [LH(4)]: The language can be modify to state that the contract will remain in effect until the items are receive and accepted by the County (MDAD).

Commented [LH(5)]: Are Bidders required to bid on all items? If so, perhaps the language can be modify to clarify that the award is in the aggregate and Bidders are required to bid on all items.

Commented [LH(6)]: I recommend to make this a separate section.

Commented [LH(7)]: Are there additional requirements needed to perform the installation and/or provide the equipment?

reference systems installed and work performed and include the beginning date of service, and client contact information.

b) Bidders must submit the following licenses or certifications:

Commented [WH(8)]: Pending RER review.

c) Bidder(s) shall be the manufacturer, reseller or authorized distributor of the CMAS System to include the equipment and interface/software. Proof of such shall be submitted. The Bidder(s) shall have this fact denoted on their website, or have a letter from the original manufacturer affirming the Bidders' relationship.

d) Bidder(s) shall submit documentation of the proposed system(s) as described in Section 3 Technical Specifications.

- Equipment model with dimensions and specifications
- User interface procedures

Bidder(s) shall submit the specified information listed above as proof of compliance to the requirements of this Solicitation. However, the County may, at its sole discretion and in its best interest, allow Bidder(s) to complete, supplement or supply the required information during the evaluation period.

2.4 **PRICING**

Pricing shall remain fixed and firm for the duration of the contract term. The County shall have the right to change estimated quantities based on the County's needs during the term of the contract.

Commented [PM(9)]: This doesn't apply. There is no term contract.

2.5 **INSURANCE REQUIREMENTS (Pending submittal to Risk)**

The following supersedes the insurance coverage listed in Section 1, Paragraph 1.22(A):

Commented [WH(10R9)]: This language has to stay in.

The Awarded Bidder shall furnish to the **Miami-Dade County Aviation Department**, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

Commented [PM(11R9)]: Ok.

A. Worker's Compensation Insurance for all employees of the Awarded Bidder as required by Florida Statute 440.

B. Commercial General Liability Insurance in an amount not less than \$ 5,000,000.00 per occurrence, and \$ 10,000,000.00 in the aggregate. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**

C. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$ _____ combined single limit per occurrence for bodily injury and property damage.

*Under no circumstances is the Awarded Bidder allowed on the Airfield Operations Area without increasing automobile liability coverage to \$5,000,000 as approved by ISD Risk Management.

2.6 **RESTRICTED AREAS**

All employees of the Awarded Bidder requiring access to federally-regulated secure areas including, but not limited to, the Airfield Operations Area (AOA), the Federal Inspection Services (FIS) areas, and areas beyond

security checkpoints, MUST undergo individual background screening (e.g., 10-year employment history verification, fingerprinting, etc.) completed by MDAD and comply with all security rules and regulations mandated by U.S Customs and Border Protection (CBP), the U.S. Transportation Security Administration (TSA), and the Federal Aviation Administration (FAA).

2.7 **IDENTIFICATION BADGES**

The Awarded Bidder and all employees will be required to have Airport Identification Badges for accessing some of the Sites on MIA premises. Identification Badges must be displayed at all times.

- A. The Awarded Bidder shall be responsible the return of the identification badges of all personnel transferred or terminated from employment or upon termination of this Contract. The fee for fingerprinting for Criminal History Records Check (CHRC) is \$38.00 and \$20.00 for the issuance of an identification (ID) badge, for a total charge of \$58.00 per applicant.
- B. Lost, Stolen, or Unreturned Badges
The Awarded Bidder shall promptly report to the Miami Aviation Department (MDAD) the names of all persons who were employed by the Awarded Bidder from whom they were unable to obtain and return Department issued identification badges. In the event that an identification badge is not returned, the Awarded Bidder shall refund MDAD established charge for lost or stolen identification badges.
- C. A replacement ID Badge may only be issued if declared in writing that the ID Badge has been lost, stolen, or destroyed. A non-refundable fee of \$75.00 will be assessed for the first replacement and \$100.00 for the second replacement within 24 months of original issuance. There will not be a replacement issued for a third time within 24 months of original issuance. The Security Credentialing Section will collect the fee before a replacement ID Badge is issued.

Note: The prices mentioned above are subject to change during the term of this contract. It is the sole responsibility of the Bidder to comply with section 2.7 and all of the associated fees.

Notice to Badge Holders

The ID Badge is the property of MDAD. You must immediately return your ID Badge to your employer or the MDAD Credentialing Section at the end of employment or upon receiving notification that your MDAD ID Badge is being revoked. The MDAD ID Office will issue a receipt as proof of ID Badge return. Failure to comply within 24 hours is in direct violation of the Airport Security Program ASP and you can be subject to a potential \$10,000 Civil Penalty Fine assessed by the Transportation Security Administration TSA under title 49 of the Code of Federal Regulations CFR Part 1540.105; 49 USC 46301.

2.8 **FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR 150 5210 7D REQUIREMENTS FOR AIRPORT OPERATIONS**

The Awarded Bidder shall comply with the regulations recommended by the U.S. Department of Transportation Federal Aviation Administration (FAA) Advisory Circular and future updates to the Requirements for Airport Operations.

2.9 **FAA SPECIAL PROVISIONS**

i) Compliance with Nondiscrimination Requirements

During the performance of this contract, the Awarded Bidder, for itself, its assignees, and successors in interest (hereinafter referred to as the "Awarded Bidder") agrees as follows:

1. Compliance with Regulations: The Awarded Bidder (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts And Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination: The Awarded Bidder, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of the Awarded Bidders, including procurements of materials and leases of equipment. The Awarded Bidder will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the Awarded Bidder for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential Awarded Bidder or supplier will be notified by the Awarded Bidder of the Awarded Bidder's obligations under this contract and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.
4. Information and Reports: The Awarded Bidder will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts And Authorities and instructions. Where any information required of an Awarded Bidder is in the exclusive possession of another who fails or refuses to furnish the information, the Awarded Bidder will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. Sanctions for Noncompliance: In the event of a Awarded Bidder's noncompliance with the Nondiscrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the Awarded Bidder under the contract until the Awarded Bidder complies; and/or
 - b. Cancelling, terminating, or suspending a contract, in whole or in part.
6. Incorporation of Provisions: The Awarded Bidder will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, Required Contract Provisions Issued on January 29, 2016 Page 19 AIP Grants and Obligated Sponsors Airports (ARP) unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The Awarded Bidder will take action with respect to any subcontract or procurement as the sponsor or the Federal.

Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Awarded Bidder becomes involved in, or is threatened with litigation by a subcontractor Awarded Bidder, or supplier because of such direction, the Awarded Bidder may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the Awarded Bidder may request the United States to enter into the litigation to protect the interests of the United States.

7. During the performance of this contract, the Awarded Bidder, for itself, its assignees, and successors in interest (hereinafter referred to as the "Awarded Bidder") agrees to comply with the following nondiscrimination statutes and authorities; including but not limited to:
 - Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
 - 49 CFR part 21 (Non-discrimination In Federally-Assisted Programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);

- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and Awarded Bidders, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123 (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

- ii) All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part time workers.
The [Awarded Bidder | consultant] has full responsibility to monitor compliance to the referenced statute or regulation. The [Awarded Bidder | consultant] must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division
- iii) All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. Awarded Bidder must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The Awarded Bidder retains full responsibility to monitor its compliance and their subcontractor Bidder's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (20 CFR Part 1910). Awarded Bidder must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.

2.10 MIAMI-DADE COUNTY UNITED STATES SOCCER FEDERATION 2026 WORLD CUP

The terms of this agreement are subordinate to the terms of the Airport Agreement submitted by Miami-Dade County to the United States Soccer Federation on February 21, 2018. In carrying out its obligations under this Contract, the Consultant shall not take or omit any action which is inconsistent with, or in derogation of, the County's obligations under the Airport Agreement. Where the Consultant's rights or obligations under this Contract are in conflict with the County's obligations under the Airport Agreement, and upon notice by the County to Consultant, the terms of this Contract shall be deemed conformed to the County's obligations under the Airport Agreement. Where such conformance would cause a material change in this Contract, Consultant shall have the right, upon written notice to the County within five (5) days of receipt of notice of such a conflict, to terminate this Contract for convenience; in such termination, the Consultant shall have no cause of action for money damages of any kind, including but not limited to direct damages, unamortized costs or debt, stored or ordered materials, indirect damages, lost profits, loss of opportunity, loss of goodwill, or otherwise. In the event that the Consultant does not elect to terminate this Contract within the time specified herein, this contract shall be deemed to have been amended via consent of the parties to conform its terms to the requirements of the Airport Agreement, but only to the extent needed to avoid conflict with same.

2.11 COUNTY USER ACCESS PROGRAM (UAP)

Section 1, Paragraph 1.36 does not apply to this Solicitation.

2.12 Delivery

~~2.13 Production/Prototype Inspection~~

~~2.14 Site Inspection~~

~~2.15 Additional Groups, Items, and/or services~~

Commented [LH(12)]: For your consideration

Commented [WH(13R12)]: Addressed in section 3

SECTION 3

SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

The Awarded Bidder shall furnish all labor, materials and equipment, for work related to providing a Crash Medical Alert System (CMAS).

The CMAS must be compliant with Federal Aviation Administration (FAA) Advisory Circular 150_5210_7D and shall provide the ability to set unique alert tones, allowing for Airport personnel to provide the appropriate response to the following conditions:

- a. Crash
- b. Medical
- c. Other Emergencies

3.2 GENERAL INFORMATION

- The CMAS must be independent of the Airports' Private Branch Exchange (PBX) and also must provide redundancy for the Primary database and processor.
(Must have a secondary database and processor for backup in the event of failure of the primary one.)
- System capabilities must include the ability to record communication activities.
- A System Console to be installed at the Main Equipment location for administration and maintenance. In addition, the CMAS must be capable of supporting additional consoles for viewing or administration.
- The new CMAS will be installed in parallel with the existing. Locations that require service transfer will be noted and assistance will be provided by MDAD IT to assist with the removal and installation of new instruments after programming and testing is complete on the new system.
- Crash and Medical Alert Instruments (phone) at the Air Traffic Control Tower (ATCT) must provide a visual "keep alive" (i.e. light on phone) to indicate system functionality.
- The project will utilize the Airports fiber and copper cabling infrastructure from Main Equipment location to all instrument/endpoint locations. If the existing cabling infrastructure is not available, the Awarded bidder will need to install the additional cable required.
- Existing Overhead Speakers at (ARFF) stations are intended to be used with the new CMAS.

3.3 TECHNICAL SPECIFICATIONS:

The ILM must have the following functions:

- 2-wire to 4-wire conversion
- Balanced 600ohm Audio out to peripheral device such as PA/Radio Interfaces
- Balanced 600ohm Audio in to peripheral device such as a Radio Interface
- DTMF detection
- Contact Closure outputs (Relay1 isolated outputs)
- Keyline Control/Relay2 outputs (isolated contact closure)
- Built In High Brightness RGB Led used for strobe/System State

Commented [LH(14): I recommend defining this for the Bidders in section 2.

Commented [LH(15): What is the existing system?

Commented [WH(16): What does Main Equipment mean?

Commented [PM(17R16): The Switch Room (E-2386)

Commented [WH(18): Does this mean the awarded bidder will not have to install any fiber or copper cabling?
What happens if additional is needed?

Commented [PM(19R18): If the existing cabling infrastructure is not available, the Awarded bidder will need to install the additional cable required.

Commented [WH(20R18): Wouldn't they require some type of license or certs at this point?

Commented [LH(21): Consider moving this section below the "3.2", for a better transition throughout section 3.

- Speaker Outputs (8ohm/10W) for local PA function (Speaker/Horn Out)
- VOX (Voice Operated Transmit) monitors incoming phone line audio and activates Relay2 when audio level exceeds threshold setting
- Plays voice message and/or siren/klaxon/heart healthy wake up tones to Speaker prior to connecting to Crash call
- Fire Truck Radio Connectivity to/from Alert Conference through use of Balanced Audio Interfaces, Relay2 Keyline Control outputs, Indicator LED, and VOX function

3.4 WORK TO BE PERFORMED

The Awarded Bidder must design, program, test and install a CMAS independent of the Airports' PBX. The System must provide redundancy for the Primary database and processor.

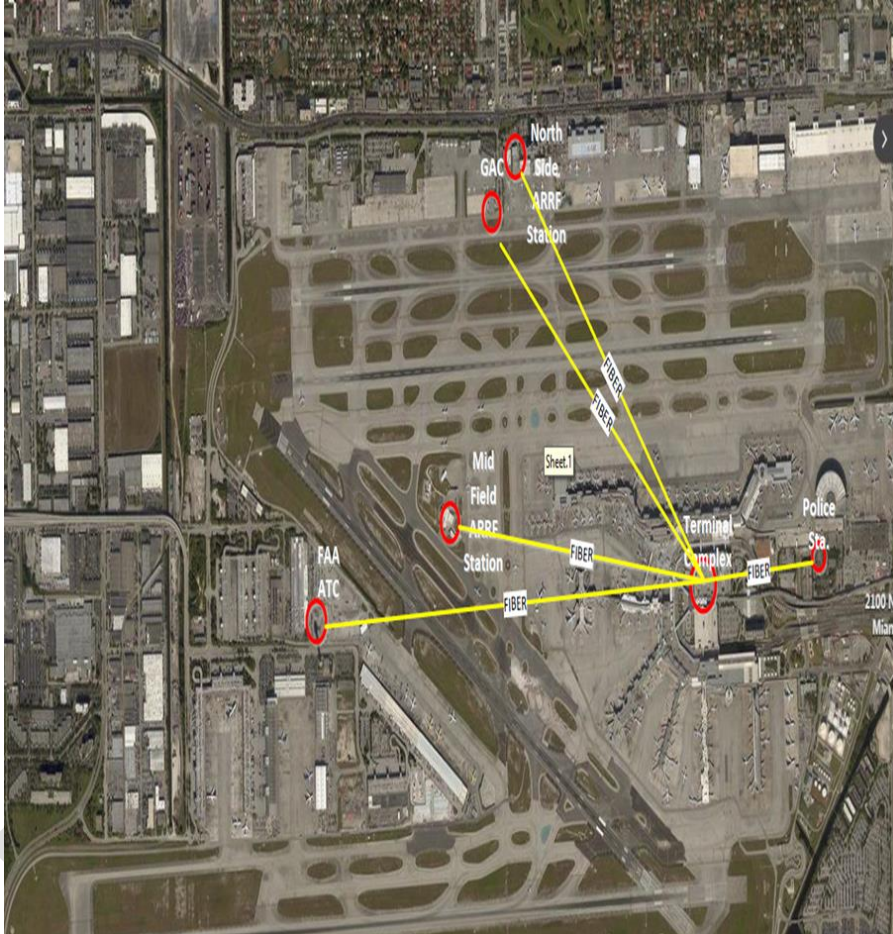
1. The equipment is to be installed and rack mounted in the Airports' Terminal Telecommunications Equipment room (E2386).
2. The Airport's fiber and copper cabling infrastructure will be utilized to connect all instrument/endpoint locations.
3. Configure alerts for Crash, Medical and Other Emergencies with unique tones and instrument designation colors for each type of alerts:
 - Instruments for Crash Alerts must be color coded red.
 - Instruments for Medical Alerts must be color coded blue.
 - Instruments for Other Emergency Alerts must be color coded yellow

Commented [WH(22)]: Does the Awarded Bidder need permits or license?

Commented [PM(23R22)]: No permits or license required.

Commented [LH(24)]: Does MDAD required Bidders to submit these plans with their bids? Do the plans need to certified?

Figure 1.



The following instrument/endpoint locations will require fiber optic connectivity from the main equipment room due to copper distance limitations. The following instrument/end point locations will utilize existing single mode fiber from the main equipment Room (E2386) to establish connectivity. A single mode fiber to copper converters must be used for transmittal, refer to Figure 1 above.

END POINT LOCATIONS USING FIBER

- Air Traffic Control Tower
- Northside ARFF Station
- Midfield ARFF Station

- Miami Dade Police Department (MDPD) Bldg. 3033
- General Aviation Center (GAC) Station 3

The Terminal Complex (airport terminals) locations will utilize copper cabling from the Main Equipment Room.

3.5 LOCATIONS AND EQUIPMENT REQUIRED FOR THE INSTALLATION THE CMAS

Equipment shall be installed at the following sites:

1. Airport Terminal - Telecommunications Equipment room, E2386

- Crash Alert System and Console
- 5 - Single mode Fiber Optic to copper Converter
- 1 - ILM(speaker) – Crash Alert
- 1 - ILM (speaker) – Medical Alert
- 1 - ILM (speaker) – Other Emergency Alert

2. Air Traffic Control Tower-ATC

- 2 - Phones - Medical Alert
- 2 - Phones - Crash Alert - Initiation Performed "only" by Tower personnel. - Phones must have "keep-alive indicator" located at the tower's observation cab.
- 1 - Single mode Fiber Optic to copper Converter

3. ARFF Station North Side

- 1 - Phone – Crash Alert: with broadcast on the Stations' overhead paging.
- 1 - Phone – Medical Alert
- 1 - Phone – Other Emergency Alert
- 1 - Audio input for Overhead Paging
- 1 - Contact Closure – Bay doors, Lights and Gas Shutoff (configure for optional use)

4. ARFF Station Mid-Field

- 1 - Phone – Crash Alert
- 1 - Phone – Medical Alert
- 1 - Phone – Other Emergencies
- 1 - Single mode Fiber Optic to copper Converter
- 1 - Audio input for Overhead Paging
- 1 - Contact Closure – Bay doors, Lights and Gas Shutoff (configure for optional use)

5. Miami Dade Police Department (MDPD) Building 3033

- 1 - Single mode Fiber Optic to copper Converter
- 1 - ILM(speaker) – Crash Alert
- 1 - ILM(speaker) – Medical Alert

6. General Aviation Center (GAC) Station 3

- 1 - ILM(speaker) – Crash Alert
- 1 - ILM (speaker) – Medical Alert
- 1 - ILM (speaker) – Other Emergency Alert

7. Airport Airside Operations

Commented [LH(25)]: I noticed that equipment vary per location, and some equipment are not required but desired? If so, consider adding language to state these are the minimum equipment required per location.

Commented [WH(26)]: Are phones not needed?

Commented [PM(27R26)]: Phones are to be installed at required locations as per the solicitation document.

Commented [WH(28)]: What is this exactly?

Commented [PM(29R28)]: The system's hardware, console, converter will be installed in the Telecom Equipment Room.

Commented [WH(30)]: Are speakers not needed?

Commented [PM(31R30)]: Speakers are not required.

Commented [WH(32)]: Are speakers not needed?

Commented [PM(33R32)]: Existing overhead paging will be used for speakers.

Commented [WH(34)]: Are speakers not needed?

Commented [PM(35R34)]: Existing overhead paging will be used for speakers.

Commented [WH(36)]: No phones?

Commented [PM(37R36)]: Speakers only to monitor the emergency.

Commented [WH(38)]: No phones?

Commented [PM(39R38)]: Speakers only to monitor the emergency.

- 4 - ILM (speaker) – Crash Alert
- 4 - ILM (speaker) – Medical Alert

8. Airports' D, E and J Gate Towers

- 3 – Phones – Other Emergencies
- 3 - ILM (speakers) – Crash Alert
- 3 - ILM (speakers) – Medical Alert
- 3 - ILM (speakers) – Other Emergency Alert

9. Airports' D and E Terminals (multiple users)

- 8 - ILM (speakers) – Crash Alert

3.6 SCHEDULING

The Project Manager (PM) will coordinate with the Awarded bidder the date and time for installation and implementation of new equipment.

3.7- TRAINING

The Awarded Bidder shall provide an initial live onsite training of the Crash Medical Alert System. Additionally, an electronic version of all training guides shall be provided. Training shall be provided to personnel identified by the Project Manager that will require such said training. Onsite training shall include the following:

- CMAS tutorial: functionalities, alerts, troubleshooting, etc.

3.8 TESTING, CALIBRATION AND ACCURACY

The Awarded Bidder and the PM must conduct a walk through to identify the locations of where the existing equipment is housed and to verify the location of where the new equipment will be installed. Upon installation of the new equipment, a secondary physical walk through with the PM must be conducted to ensure the functionality, accessibility and accuracy meets the needs of MDAD. The PM may request in writing a subsequent physical walk through to be conducted with the Awarded Bidder within thirty (30) days of installation in the event of inconsistencies in functionality and accuracy of the equipment installed.

3.9 SUPPORT AND MAINTENANCE

At the County's discretion the Awarded Bidder shall provide ongoing support and maintenance for the Crash Medical Alert System as described below for all units for the initial year of service, at no additional cost to the County. Additional Support and Maintenance may be purchased by the County on an annual basis.

1. **Technical Support** - Technical Support services shall be offered from 9:00am to 6:00pm EST Monday through Friday, via telephone and 24 hours a day via email. Inoperable equipment or malfunctions after 6:00pm EST shall be communicated by MDAD via email to the Awarded Bidder with a twenty four (24) hour response time period.
2. **Trouble Shooting** - The Awarded Bidder shall provide maintenance/troubleshooting services. Prior to an inoperable diagnosis.
3. **Replacement of Equipment** - In the event that any equipment is unable to be repaired immediately onsite and is deemed inoperable, the Awarded Bidder shall replace the unit per warranty eligibility within five (5) calendar days.

Commented [WH(40)]: No phones needed?

Commented [PM(41R40)]: No phones required. Only speakers to monitor the emergency.

Commented [WH(42)]: Will the PM schedule or the Awarded bidder

Commented [PM(43R42)]: The PM will coordinate with the Awarded bidder the date and time for installation and implementation of new equipment.

Commented [WH(44)]: How many will require training?

Commented [PM(45R44)]: This has not been determined.

Commented [LH(46)]: Is the Awarded Bidder required to correct any deficiencies within a specific timeframe?

Commented [PM(47)]: Support and Maintenance will be provided by our vendor, per existing contract.

- 4. **Purchase of New Units** - The County may purchase new equipment to replace those that are out of warranty or may purchase additional equipment for a desired new site location. Equipment shall be delivered within fifteen (15) days of Awarded Bidder's receipt of purchase order.

A. WARRANTY AND REPLACEMENT OF EQUIPMENT

The Awarded Bidder shall provide a warranty for at least one (1) year of parts and labor for each installed unit starting from the date of acceptance by the PM. If a unit becomes non-functional during the warranty period, the Awarded Bidder shall replace the unit at no additional cost to the County with a new unit within fifteen (5) calendar days of an inoperable diagnosis.

In the event that additional equipment will need replacing outside of the warranty period, at the County's discretion such said equipment shall be purchased at the per unit price initially provided by the Awarded Bidder.

Commented [PM(48):

Commented [PM(49R48): Awarded Bidder to provide warranty. Per existing contract, Black Box will replace equipment under warranty and outside the warranty period.

DRAFT

**SECTION 4.1
SUBMITTAL FORM
Bidder:**

Commented [LH(50): I recommend to start section 4 with this and then the pricing.

QUALIFICATION CRITERIA TO BE COMPLETED BY ALL BIDDERS

Refer to Section 2.3, Qualification Criteria, to ensure that Submittal complies with solicitation requirements.

Reference Section	Requirements	Copy Attached
2.3.a.	Bidder(s) shall submit a reference for at least three (3) clients who have received similar services within the last three (3) year. Letters must be submitted on each respective client's letterhead, and shall include the beginning date of service, type of services provided, and client reference contact information. The County shall be able to ascertain from these references to its satisfaction, that the Bidder has sufficient experience in the services requested	<input type="checkbox"/>
2.3.b.	<u>License/Certification</u>	<input type="checkbox"/>
2.3.c	<u>Bidder(s) shall be the manufacturer, reseller or authorized distributor of the CMAS System to include the equipment and interface/software if applicable. Proof of such shall be submitted. The Bidder(s) shall have this fact denoted on their website, or have a letter from the original manufacturer affirming the Bidders' relationship</u>	<input type="checkbox"/>
2.3.d	<u>Bidder(s) shall submit documentation of the proposed system(s) as described in Section 3 Technical Specifications. Equipment model with dimensions and specifications User interface procedures</u>	<input type="checkbox"/>

Commented [LH(51)]: Update based on the changes made to section 2, if any.

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**SECTION 4.2
PRICING**

Item	Description	Part Number	QTY/UOM	Unit Price
Cabling Hardware				

SOLICITATION TITLE: Crash Medical Alert System at Miami International Airport

SOLICITATION NO.: FB-01495

1	4U 19" RACK MOUNT BLANK PANEL PLATE	PHBL-4	2 EA	\$ _____
2	100 pk RJ11 MODULAR PLUGS	AT4x6	1 EA	\$ _____
3	6FT SMSC/SC FIBER PATCHCORD	6FTSMSCSC	10 FT	\$ _____
4	10FT SMSC/SC FIBER PATCHCORD	10FTSMSCSC	3 EA	\$ _____
5	20FT SMSC/SC FIBER PATCHCORD	20FTSMSCSC	4 EA	\$ _____
6	30FT SMSC/SC FIBER PATCHCORD	30FTSMSCSC	5 EA	\$ _____
7	50FT 25PAIR CAT3 TELCO FEMALE TO OPEN	25CX50L3-9	5 EA	\$ _____
8	100pk CABLE TIE 11.8" NYL NAT 50LBS	T50I9C2	1 EA	\$ _____
9	10FT Cat5eBluePatchcord w/boots	MC5-8T-10-B06C	30 EA	\$ _____
10	BRACKET FOR M66 BLOCK	S89B	3 EA	\$ _____
11	"L" bracket (to extend plate)- 10"-12" gray	10506-108	1 EA	\$ _____
12	PLATE, rack-to-runway (Gray)	10595-112	1 EA	\$ _____
13	END CAPS FOR LADDER RACK	10642-001	4 EA	\$ _____
14	1000' Cat5e Cable Ultra II Blue	5504m-Blue	1 EA	\$ _____
15	100 pk RJ45 MODULAR PLUGS ENDS 50 PK	AT8X8SC-2224	1 PK	\$ _____
Fiber and Copper Cabling				
16	66 block 50pr Field Terminated W/500Clip	S66M1-50	3 EA	\$ _____
System				
17	Alert III Emergency Conference System, 32 ports	911-632	1 EA	\$ _____
18	Fully Redundant Alert III Emergency conference System	911-632B	1 EA	\$ _____
19	Alert III Emergency Conference System	911-608	1 EA	\$ _____
20	User Interface Combo-Touch Screen (19")	911-125	3 EA	\$ _____

21	Data Share Module (for 2 or more GUI's)	911-115	1 EA	\$ _____
22	RS232 over Ethernet Converters	911-998	2 EA	\$ _____
23	Phone, Emergency, w/o keypad, w LED and PTT	911-158	12 EA	\$ _____
24	FAA Tower Initiating Phone, Emergency push button	911-159	6 EA	\$ _____
25	Digital Audio Call Recorder-Multiline (four port)	911-147	1 EA	\$ _____
26	Alert Rack Mount UPS	911-133	1 EA	\$ _____
27	Alert Tower Mount UPS-Terminal and Airside	911-32	6 EA	\$ _____
28	Bourns Protection Block for full systems	911-030	1 EA	\$ _____
29	Fiber Converter- 2 Channel voice/ data	911-992	2 EA	\$ _____
30	Fiber Converter- 4 Channel voice/ data FAA Tower	911-993	4 EA	\$ _____
31	Fiber Converter- 8 Channel voice/ data ARFF	911-991	4 EA	\$ _____
32	ILM PA Interface -ARFF PA's and Doors	911-271	3 EA	\$ _____
33	ILM Speakers-crash/Medical/Emergency inc 3	911-180	32 EA	\$ _____
34	Speaker Power Supply modules and connection	911-134	10 EA	\$ _____