

3. Miscellaneous: Special Procurement and Waiver of the Procurement Process, Mach Alert Fire Station Alerting and Automation (FSAA) systems, Fire Stations 7 and 9 – Fire Rescue and Information Technology Departments (Mach Alert, Inc. (equipment) - \$83,243 and Communications International, Inc. (installation) - \$26,250). (AGENDA REVISION)



## LEGISLATIVE MEMORANDUM

**TO:** Honorable Mayor and Members of the City Council

**FROM:** Matthew Morton, City Manager

**THRU:** Dr. Brian Robinson, Director of Information Technology;  
Richard Stover, Fire Chief  
George Barber, Chief Procurement Officer

**DATE:** May 15, 2025

**RE:** Miscellaneous: Special Procurement and Waiver of the Procurement Process, Mach Alert Fire Station Alerting and Automation (FSAA) systems, Fire Stations 7 and 9 – Fire Rescue and Information Technology Departments (Mach Alert, Inc. (equipment) - \$83,243 and Communications International, Inc. (installation) - \$26,250). (AGENDA REVISION)

### **Background:**

Mach Alert Fire Station Alerting and Automation (FSAA) system is a full-featured fire station alerting solution designed to provide state of the art functionality and reliability within the fire and medical alerting process. Mach Alert gives dispatchers the tools to get first responders on the road faster than ever before, while reducing stress and keeping their focus on getting to the emergency call. It is designed for rapid response, seamless integration with existing communication systems, robust reliability and expandability.

As of March 1, 2024, Mach Alert has advised that CI is the only authorized installer for this specialty equipment. The cost of the installation of a sole source for the installation will be \$26,250.00, which was procured by issuing a sole source posting in April of 2025.

As the safety of our citizens is the top priority, Palm Bay Fire Rescue has used Mach Alert for the past five (5) years. Brevard County Fire Rescue (BCFR) and all entities in the county that utilize BCFR also have this specialty equipment. It is critical that there is quick, consistent, and smooth communication between all responding units to have the same information.

### **Procurement:**

City Ordinance 3.07(C) allows special procurements and waivers of the procurement process to be taken before Council for consideration if valued over \$25,000.00. When it comes to public safety, continuity is important to ensure that every emergency is dealt with as swiftly as possible.

After reviewing past purchases for the Mach Alert system itself, as well as doing market research, there are no piggyback or cooperative options suitable for our current design. Outside of the City, all other agencies have issued their own sole sources. A sole source is not something the City can utilize to piggyback for a purchase.

It is being requested that Council approve the special procurement for all Mach Alert Fire Station Alerting and Automation (FSAA) systems, utilizing City Ordinance 3.07(C): Special procurements and waiver of the procurement process. Request to standardize Mach Alert for future purchases in order to maintain continuity for all of our fire stations, to ensure compatibility, parity, and cohesion. This standardization would remain in place for as long as BCFR is using the Mach Alert system. Any future purchases over \$100,000.00 will be brought back to Council for approval.

**Requesting Departments:**

IT, Fire, Procurement

**FISCAL IMPACT:**

The current total fiscal impact for the Mach Alert Fire Station Alerting and Automation (FSAA) system equipment and installation at Fire Stations 7 & 9 is \$109,493.00 (Mach Alert \$83,243.00 and CI Communications \$26,250.00). The funds are available within the Fire Rescue budget.

**STAFF RECOMMENDATION:**

Motion to approve the Procurement Exemption Per City Ordinance 3.07(C) for purchases related to and installation for Mach Alert Fire Station Alerting and Automation (FSAA) systems for Fire Stations 7 & 9 and to standardize for future fire station installations as long as the BCFR is utilizing the Mach Alert system. The systems will be purchased directly from Mach Alert directly while all service will be provided by CI Communications. Any future purchases over \$100,000.00 will be brought back to Council for approval.

**ATTACHMENTS:**

1. Mach Alert & Communications International Quotes Communications International
2. Sole Source Letter from Mach Alert



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# Quotation

Page 1 of 3  
 Quotation ID QO0032019  
 Date 04/04/2025  
 Expiration date 06/04/2025  
 Terms N45  
 Salesperson Raymond Desmarais  
 E-mail rdesmarais@ask4ci.com

Communications International, Inc.  
 2150 15th Ave  
 VERO BEACH, FL 32960

**Bill to**

Palm Bay Fire Department  
 Attn: Karen Hallowell  
 120 Malabar Rd SE  
 Palm Bay, FL 32907  
 PALM BAY, FL 32909

**Delivery address**

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 Attn: Karen Hallowell  
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 Palm Bay, FL 32907  
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Palm Bay Fire Department

Quote is being provided for installation of MACH Alert system as well as Harris Radio and Antenna System to enable MACH Alert system to function as designed.

Quote is for Mach Alert Installation additional request for support and service that is outside the scope of installation will need to be quoted.

Quote exceeds pricing listed in Brevard County Contract 6403 with 28% discounted pricing on Harris Equipment

| Item     | Description                           | Quantity | Price    | Line Discount | Net Price | Extended Price |
|----------|---------------------------------------|----------|----------|---------------|-----------|----------------|
| XT-PL8Y  | FEATURE, ENCRYPTION LITE              | 1.00     | 0.01     | 0%            | 0.01      | 0.01           |
| XT-PL4F  | FEATURE, PHASE 2 TDMA                 | 1.00     | 275.00   | 28%           | 198.00    | 198.00         |
| XT-PL5K  | FEATURE P25 OTAP PROFILE              | 1.00     | 395.00   | 28%           | 284.40    | 284.40         |
| XT-PKG8F | FEATURE, 256-AES, 64-DES ENCRYPTION   | 1.00     | 785.00   | 28%           | 565.20    | 565.20         |
| XT-PL4L  | FEATURE, SINGLE BAND, 7/800           | 1.00     | 0.01     | 0%            | 0.01      | 0.01           |
| XT-P25ED | FEATURE PACKAGE, P25 & EDACS TRUNKING | 1.00     | 2,500.00 | 28%           | 1,800.00  | 1,800.00       |
| XT-CA6L  | CABINET, XL DESKTOP                   | 1.00     | 725.00   | 28%           | 522.00    | 522.00         |
| XT-CA6R  | Cable, Power, Y-split, Desktop        | 1.00     | 175.00   | 28%           | 126.00    | 126.00         |
| XT-CA6A  | CABLE, XL-MOBILE, ETHERNET, 45CM      | 1.00     | 16.00    | 28%           | 11.52     | 11.52          |
| XT-MC6C  | MICROPHONE, XL-MOBILE, DESKTOP        | 1.00     | 245.00   | 28%           | 176.40    | 176.40         |
| XT-CA6M  | CABLE, XL DESKTOP, ACCESSORY          | 1.00     | 250.00   | 28%           | 180.00    | 180.00         |
| XT-MA4C  | BRACKET, MOUNTING, XL CONTROL HEAD    | 1.00     | 68.00    | 28%           | 48.96     | 48.96          |
| XT-LS6A  | SPEAKER, EXTERNAL, MOBILE             | 1.00     | 60.00    | 28%           | 43.20     | 43.20          |

## Quotation

| Item   | Description  | Quantity | Price    | Line Discount | Net Price | Extended Price |
|--|--|----------|----------|---------------|-----------|----------------|
| XT-CP6A  | CONTROL UNIT, XL-CH  | 1.00     | 1,850.00 | 28%           | 1,332.00  | 1,332.00       |
| XT-MPS1M   | MOBILE, XL-185M, SINGLE BAND                                 | 1.00     | 3,815.00 | 28%           | 2,746.80  | 2,746.80       |
|  | Programming  | 1.00     | 44.00    | 0%            | 44.00     | 44.00          |
| Items below are associated to the Building and Antenna System to include transmission line for radio |  |          |          |               |           |                |
| 980702   | Yagi, 806-869MHz, 10dB, 6 element, 980-702                   | 1.00     | 263.60   | 0%            | 263.60    | 263.60         |
| RFN10053C  | N type Male crimp on connector RG-58U                        | 2.00     | 11.85    | 0%            | 11.85     | 23.70          |
| RFT12022T  | TNC Male Crimp Connector for RG-58U                          | 2.00     | 6.38     | 0%            | 6.38      | 12.76          |
| TL92463  | Ultralink Low Loss Cable RG58- 500FT                         | 500.00   | 1.27     | 0%            | 1.27      | 635.00         |
| 1583A-RED  | CAT5e Cable, Red Jacket, 1000 ft                             | 1.00     | 289.90   | 0%            | 289.90    | 289.90         |
| 151175   | Speaker Cable for 18 Speakers and 5 wall horn                | 1.00     | 579.80   | 0%            | 579.80    | 579.80         |
| VLT-BALR42   | ENTRY BOOT, KIT, LMR-400, 4", 2-HOLE (BALR42)                | 1.00     | 59.00    | 0%            | 59.00     | 59.00          |
| ISB50LNC0  | POLYPHASER 125-1000 MHz general coverage bulkhead mnt. prote | 1.00     | 84.99    | 0%            | 84.99     | 84.99          |
|  | VC-GPSWM Antenna Wall mount                                  | 1.00     | 198.98   | 0%            | 198.98    | 198.98         |
| GK-S400TT  | Ground kit for LMR400  | 1.00     | 34.02    | 0%            | 34.02     | 34.02          |
| INFMT-584-G  | #2 AWG THHN Green Jacket Stranded Ground Wire                | 50.00    | 3.30     | 0%            | 3.30      | 165.00         |
| GR5880   | Ground Rods 5/8" x 8'  | 1.00     | 36.57    | 0%            | 36.57     | 36.57          |
| STALII   | Station Alert Box  | 1.00     | 670.00   | 0%            | 670.00    | 670.00         |
|  | Grounding Clamps/lugs and anchoring hardware                 | 1.00     | 213.50   | 0%            | 213.50    | 213.50         |
|  | Beldon 1502R Wire  | 500.00   | 1.08     | 0%            | 1.08      | 540.00         |
|  | 16/2AWG Black  | 650.00   | 1.44     | 0%            | 1.44      | 936.00         |
|  | B7997A-10000 Cat5 1000                                       | 1,000.00 | 0.78     | 0%            | 0.78      | 780.00         |



# Quotation

Page 3 of 3  
 Quotation ID QO0032019  
 Date 04/04/2025  
 Expiration date 06/04/2025

| Item | Description                          | Quantity | Price  | Line Discount | Net Price | Extended Price |
|------|--------------------------------------|----------|--------|---------------|-----------|----------------|
|      | 18/5 TSP Wire 250 Feet               | 250.00   | 1.27   | 0%            | 1.27      | 317.50         |
|      | Misc Connectors/weather proofing/    | 1.00     | 325.00 | 0%            | 325.00    | 325.00         |
|      | Shipping                             | 1.00     | 0.00   | 0%            | 726.25    | 726.25         |
|      | Install Control Station (MACH ALERT) | 120.00   | 94.00  | 0%            | 94.00     | 11,280.00      |

**Order Acceptance - Please sign below**

Signature \_\_\_\_\_  
 Printed name \_\_\_\_\_  
 Date \_\_\_\_\_

**Pre-tax Total \$26,250.07**

***This quotation does not include tax  
 Applicable taxes will be calculated during invoicing***

**Not an Invoice – Do Not Pay**

By signing this quotation and/or submitting a purchase order pursuant to this quotation you acknowledge that you have read and agree to be bound by Communications International, Inc.'s terms and conditions of sale, service, and technical support. Orders may be subject to shipping & handling charges. All warranties are manufacturer's warranties. Terms and Conditions: [www.ask4ci.com/termsandconditions](http://www.ask4ci.com/termsandconditions)

This proposal does not reflect (include) material/labor cost escalations beyond a standard inflationary rate (SIR) of 6.5%. We reserve the right to recover cost impacts above (SIR).  
 Equipment will be invoiced upon delivery.

March 13, 2025

Dr. Brian Robinson  
Director of Information Technology  
Palm Bay Fire Rescue, Florida

Re: Brevard County Mach Alert FSA System – Hardware, Software, Warranty, and System Services for Palm Bay Station 7 – Design 2 – V002

Dear Dr. Robinson,

Per your request, we are pleased to provide the following pricing proposal for the Hardware, Software, Warranty, and System Services for Palm Bay Station 7 – Design 2:

| QTY | Description  | Price      |
|-----|--|------------|
| 1   | Station Controller HW/SW   | \$5,420.00 |
| 1   | ACE3600 Hardware   | \$4,455.00 |
| 1   | UPS System - Large   | \$980.00   |
| 1   | Text-to-Speech Over the Air – (The assumption is that this station is already in an existing Area of current Brevard system. If not, additional services will need to be purchased and a Dispatch Donor Radio will need to be provided by Palm Bay.) | \$0.00     |
| 1   | CAD Configuration and Testing  | \$1,740.00 |
| 1   | Antenna and Transmission Line (Provided by others for external voice radio)  | \$0.00     |
| 0   | Bunkroom Strobe Lights   | \$0.00     |
| 3   | LED Controller   | \$5,250.00 |
| 9   | LED Lightbars  | \$2,520.00 |
| 9   | Touchpads  | \$5,850.00 |
| 1   | LED Lighting – Software License  | \$910.00   |
| 6   | Incident Display Boards (IDBs) – IDB Hardware Modules  | \$3,120.00 |
| 1   | Incident Display Boards (IDBs) – Software License  | \$1,830.00 |

|    |                          |                    |
|----|--------------------------|--------------------|
| 2  | Turnout Timers           | \$2,020.00         |
| 1  | PA Amplifier             | \$1,880.00         |
| 18 | Ceiling Speakers         | \$720.00           |
| 5  | Wall Speakers            | \$1,375.00         |
| 1  | Extended Warranty Year 2 | \$983.00           |
| 1  | System Services          | \$5,924.00         |
|    | <b>TOTAL PRICE</b>       | <b>\$44,977.00</b> |

Clarifications:

- Palm Bay to provide and install six (6) HDTVs with wall mounting brackets to serve as the IDBs.
- The above pricing does not include hardware installation. Hardware installation by others.

**This quote is valid for 60 days.**

**Payment Terms for Customers with governmental taxing authority –**

50% upon receipt of PO of project price due up-front and cleared before commencement of any work or shipping of any product.

Remaining 50% will be invoiced after full installation, final completion, testing, and training.

Payment terms on all invoices after work has begun are due within 30 days with interest due at 2% per month (day 31) with a minimum of \$50.

Mach Alert's credit policy does NOT allow for us to agree to terms that stipulate liquidating damages or pay-when-paid.

Our goal for this project is to meet or exceed your expectations through professional, courteous, attentive, and responsive operations. We appreciate the opportunity to be of service on this project and look forward to working with you through its successful completion.

Best Regards,

Ernie Ramos  
Vice President & General Manager  
Mach Alert, Inc.





March 5, 2025

Dr. Brian Robinson  
Director of Information Technology  
Palm Bay Fire Rescue, Florida

Re: Brevard County Mach Alert FSA System – Hardware, Software, Warranty, and System Services for Palm Bay Station 9 – v002

Dear Dr. Robinson,

Per your request, we are pleased to provide the following pricing proposal for the Hardware, Software, Warranty, and System Services for Palm Bay Station 9:

| QTY | Description   | Price              |
|-----|---|--------------------|
| 1   | Station Controller HW/SW  | \$6,504.00         |
| 1   | ACE3600 Hardware  | \$5,346.00         |
| 1   | UPS System - Large  | \$1,176.00         |
| 1   | Text-to-Speech Over the Air – (The assumption is that these stations are already in an existing Area of current Brevard system. If not, additional services will need to be purchased and a Dispatch Donor Radio will need to be provided by Palm Bay.) | \$0.00             |
| 1   | CAD Configuration and Testing   | \$2,088.00         |
| 1   | Antenna and Transmission Line (These are to be provided and installed by others)  | \$0.00             |
| 4   | Bunkroom Light Fixtures   | \$600.00           |
| 1   | 120 W PA Amplifier & 3 Wall Speakers  | \$2,319.00         |
| 2   | Incident Display Boards (IDBs) – IDB Hardware Modules   | \$1,248.00         |
| 1   | Incident Display Boards (IDBs) – Software Licenses  | \$2,196.00         |
| 1   | Extended Warranty Year 2  | \$530.00           |
| 1   | System Services   | \$5,924.00         |
|     | <b>TOTAL PRICE</b>  | <b>\$27,931.00</b> |

Clarifications:

- Palm Bay to provide two (2) HDTVs with wall mounting brackets to serve as the IDBs.
- The above pricing does not include hardware installation. A separate proposal has been provided for Installation Services.
- Antenna and Transmission Line to be provided and installed by others.

**This quote is valid for 60 days.**

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Best Regards,

Ernie Ramos  
Vice President & General Manager



**Palm Bay Fire Rescue Station 9, FL – Mach Alert Installation Services  
Statement of Work and Pricing**

03/05/25 v02

**Statement of Work****Base System - Fire Station Installation***Mach Alert Responsibilities:*

- Install 1 Mach Alert Station Controller (SC) in designated space on wall
- Provide mounting hardware, support strut, and required fasteners to SC
- Terminate, and test 1 Category 6 Ethernet feed(s) to SC from customer network switch
- Land all Ethernet connections into assigned switch ports predetermined by Customer
- Install the PA amplifier, terminate, and test 1 18/2 Twisted Shielded Pair audio line from SC to PA amplifier
- Install the 3 PA speakers and terminate the 18/2 Twisted Shielded Pair audio lines to each of the 3 PA speakers to the PA amplifier

*Palm Bay Responsibilities:*

- Provide and install 1 antenna and 1 transmission line at the fire station. This is for the fire dispatch voice radio
- Provide and install 1 voice radio and code plug for the voice radio at each fire station if one does not exist
- Provide and install 1 Category 6 cable and 18 AWG Twisted Shielded cables as stated above
- Verify duplex outlet power or provided by others if not available

**Bunkroom Lighting Hardware Installation***Mach Alert Responsibilities:*

- Install 4 Bunkroom Light Fixtures (BLF) in the fire station
- Terminate, and test 1 18/6 Twisted Shielded cable from each BLF to SC for signal and power

*Palm Bay Responsibilities:*

- Provide all required 18/6 Twisted Shielded cabling, and cable management hardware as stated above

**Incident Display Boards Installation***Mach Alert Responsibilities:*

- Install 2 Incident Display Boards (IDB) in designated locations using Palm Bay provided monitors and appropriate monitor wall mount
- Mount 1 Incident Display Board Module (IDB) to each IDB
- Terminate, and test 1 Category 6 ethernet feed to SC network switch from IDB, 1 drop per IDB
- Plug IDB into local duplex AC outlet

CONFIDENTIAL INFORMATION – FOR INTERNAL MACH ALERT USE ONLY

*Palm Bay Responsibilities:*

- Provide all required Category 6 cabling, termination ends, and cable management hardware as needed
- Provide monitors and appropriate monitor mounts for IDBs
- Verify duplex outlet power or provided by others if not available

**Clarifications:**

- Palm Bay is responsible for all permits that are required to perform the above work
- All stated work above is low voltage and does not include any high voltage work
- All stated work above is in exposed cabling with no conduit provided

**Pricing to Palm Bay Fire Rescue**

| <b>System</b>           | <b>Cost to Palm Bay Fire Rescue</b> |
|-------------------------|-------------------------------------|
| Base System             | \$ 7,215.00                         |
| Bunkroom Lighting       | \$ 780.00                           |
| Incident Display Boards | \$ 1,560.00                         |
| PA Amp & Speakers       | \$ 780.00                           |



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Communications International, Inc.  
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| XT-MA4C  | BRACKET, MOUNTING, XL CONTROL HEAD    | 1.00     | 68.00    | 28%           | 48.96     | 48.96          |
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| RFN10053C  | N type Male crimp on connector RG-58U                        | 2.00     | 11.85    | 0%            | 11.85     | 23.70          |
| RFT12022T  | TNC Male Crimp Connector for RG-58U                          | 2.00     | 6.38     | 0%            | 6.38      | 12.76          |
| TL92463  | Ultralink Low Loss Cable RG58- 500FT                         | 500.00   | 1.27     | 0%            | 1.27      | 635.00         |
| 1583A-RED  | CAT5e Cable, Red Jacket, 1000 ft                             | 1.00     | 289.90   | 0%            | 289.90    | 289.90         |
| 151175   | Speaker Cable for 18 Speakers and 5 wall horn                | 1.00     | 579.80   | 0%            | 579.80    | 579.80         |
| VLT-BALR42   | ENTRY BOOT, KIT, LMR-400, 4", 2-HOLE (BALR42)                | 1.00     | 59.00    | 0%            | 59.00     | 59.00          |
| ISB50LNC0  | POLYPHASER 125-1000 MHz general coverage bulkhead mnt. prote | 1.00     | 84.99    | 0%            | 84.99     | 84.99          |
|  | VC-GPSWM Antenna Wall mount                                  | 1.00     | 198.98   | 0%            | 198.98    | 198.98         |
| GK-S400TT  | Ground kit for LMR400  | 1.00     | 34.02    | 0%            | 34.02     | 34.02          |
| INFMT-584-G  | #2 AWG THHN Green Jacket Stranded Ground Wire                | 50.00    | 3.30     | 0%            | 3.30      | 165.00         |
| GR5880   | Ground Rods 5/8" x 8'  | 1.00     | 36.57    | 0%            | 36.57     | 36.57          |
| STALII   | Station Alert Box  | 1.00     | 670.00   | 0%            | 670.00    | 670.00         |
|  | Grounding Clamps/lugs and anchoring hardware                 | 1.00     | 213.50   | 0%            | 213.50    | 213.50         |
|  | Beldon 1502R Wire  | 500.00   | 1.08     | 0%            | 1.08      | 540.00         |
|  | 16/2AWG Black  | 650.00   | 1.44     | 0%            | 1.44      | 936.00         |
|  | B7997A-10000 Cat5 1000                                       | 1,000.00 | 0.78     | 0%            | 0.78      | 780.00         |



# Quotation

Page 3 of 3  
 Quotation ID QO0032019  
 Date 04/04/2025  
 Expiration date 06/04/2025

| Item | Description                          | Quantity | Price  | Line Discount | Net Price | Extended Price |
|------|--------------------------------------|----------|--------|---------------|-----------|----------------|
|      | 18/5 TSP Wire 250 Feet               | 250.00   | 1.27   | 0%            | 1.27      | 317.50         |
|      | Misc Connectors/weather proofing/    | 1.00     | 325.00 | 0%            | 325.00    | 325.00         |
|      | Shipping                             | 1.00     | 0.00   | 0%            | 726.25    | 726.25         |
|      | Install Control Station (MACH ALERT) | 120.00   | 94.00  | 0%            | 94.00     | 11,280.00      |

**Order Acceptance - Please sign below**

Signature \_\_\_\_\_  
 Printed name \_\_\_\_\_  
 Date \_\_\_\_\_

**Pre-tax Total \$26,250.07**

***This quotation does not include tax  
 Applicable taxes will be calculated during invoicing***

**Not an Invoice – Do Not Pay**

By signing this quotation and/or submitting a purchase order pursuant to this quotation you acknowledge that you have read and agree to be bound by Communications International, Inc.'s terms and conditions of sale, service, and technical support. Orders may be subject to shipping & handling charges. All warranties are manufacturer's warranties. Terms and Conditions: [www.ask4ci.com/termsandconditions](http://www.ask4ci.com/termsandconditions)

This proposal does not reflect (include) material/labor cost escalations beyond a standard inflationary rate (SIR) of 6.5%. We reserve the right to recover cost impacts above (SIR). Equipment will be invoiced upon delivery.

March 13, 2025

Dr. Brian Robinson  
Director of Information Technology  
Palm Bay Fire Rescue, Florida

Re: Brevard County Mach Alert FSA System – Hardware, Software, Warranty, and System Services for Palm Bay Station 7 – Design 2 – V002

Dear Dr. Robinson,

Per your request, we are pleased to provide the following pricing proposal for the Hardware, Software, Warranty, and System Services for Palm Bay Station 7 – Design 2:

| QTY | Description  | Price      |
|-----|--|------------|
| 1   | Station Controller HW/SW   | \$5,420.00 |
| 1   | ACE3600 Hardware   | \$4,455.00 |
| 1   | UPS System - Large   | \$980.00   |
| 1   | Text-to-Speech Over the Air – (The assumption is that this station is already in an existing Area of current Brevard system. If not, additional services will need to be purchased and a Dispatch Donor Radio will need to be provided by Palm Bay.) | \$0.00     |
| 1   | CAD Configuration and Testing  | \$1,740.00 |
| 1   | Antenna and Transmission Line (Provided by others for external voice radio)  | \$0.00     |
| 0   | Bunkroom Strobe Lights   | \$0.00     |
| 3   | LED Controller   | \$5,250.00 |
| 9   | LED Lightbars  | \$2,520.00 |
| 9   | Touchpads  | \$5,850.00 |
| 1   | LED Lighting – Software License  | \$910.00   |
| 6   | Incident Display Boards (IDBs) – IDB Hardware Modules  | \$3,120.00 |
| 1   | Incident Display Boards (IDBs) – Software License  | \$1,830.00 |

|    |                          |                    |
|----|--------------------------|--------------------|
| 2  | Turnout Timers           | \$2,020.00         |
| 1  | PA Amplifier             | \$1,880.00         |
| 18 | Ceiling Speakers         | \$720.00           |
| 5  | Wall Speakers            | \$1,375.00         |
| 1  | Extended Warranty Year 2 | \$983.00           |
| 1  | System Services          | \$5,924.00         |
|    | <b>TOTAL PRICE</b>       | <b>\$44,977.00</b> |

Clarifications:

- Palm Bay to provide and install six (6) HDTVs with wall mounting brackets to serve as the IDBs.
- The above pricing does not include hardware installation. Hardware installation by others.

**This quote is valid for 60 days.**

**Payment Terms for Customers with governmental taxing authority –**

50% upon receipt of PO of project price due up-front and cleared before commencement of any work or shipping of any product.

Remaining 50% will be invoiced after full installation, final completion, testing, and training.

Payment terms on all invoices after work has begun are due within 30 days with interest due at 2% per month (day 31) with a minimum of \$50.

Mach Alert's credit policy does NOT allow for us to agree to terms that stipulate liquidating damages or pay-when-paid.

Our goal for this project is to meet or exceed your expectations through professional, courteous, attentive, and responsive operations. We appreciate the opportunity to be of service on this project and look forward to working with you through its successful completion.

Best Regards,

Ernie Ramos  
Vice President & General Manager  
Mach Alert, Inc.





March 5, 2025

Dr. Brian Robinson  
Director of Information Technology  
Palm Bay Fire Rescue, Florida

Re: Brevard County Mach Alert FSA System – Hardware, Software, Warranty, and System Services for Palm Bay Station 9 – v002

Dear Dr. Robinson,

Per your request, we are pleased to provide the following pricing proposal for the Hardware, Software, Warranty, and System Services for Palm Bay Station 9:

| QTY | Description   | Price              |
|-----|---|--------------------|
| 1   | Station Controller HW/SW  | \$6,504.00         |
| 1   | ACE3600 Hardware  | \$5,346.00         |
| 1   | UPS System - Large  | \$1,176.00         |
| 1   | Text-to-Speech Over the Air – (The assumption is that these stations are already in an existing Area of current Brevard system. If not, additional services will need to be purchased and a Dispatch Donor Radio will need to be provided by Palm Bay.) | \$0.00             |
| 1   | CAD Configuration and Testing   | \$2,088.00         |
| 1   | Antenna and Transmission Line (These are to be provided and installed by others)  | \$0.00             |
| 4   | Bunkroom Light Fixtures   | \$600.00           |
| 1   | 120 W PA Amplifier & 3 Wall Speakers  | \$2,319.00         |
| 2   | Incident Display Boards (IDBs) – IDB Hardware Modules   | \$1,248.00         |
| 1   | Incident Display Boards (IDBs) – Software Licenses  | \$2,196.00         |
| 1   | Extended Warranty Year 2  | \$530.00           |
| 1   | System Services   | \$5,924.00         |
|     | <b>TOTAL PRICE</b>  | <b>\$27,931.00</b> |

Clarifications:

- Palm Bay to provide two (2) HDTVs with wall mounting brackets to serve as the IDBs.
- The above pricing does not include hardware installation. A separate proposal has been provided for Installation Services.
- Antenna and Transmission Line to be provided and installed by others.

**This quote is valid for 60 days.**

**Payment Terms for Customers with governmental taxing authority –**

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Best Regards,

Ernie Ramos  
Vice President & General Manager



**Palm Bay Fire Rescue Station 9, FL – Mach Alert Installation Services  
Statement of Work and Pricing**

03/05/25 v02

**Statement of Work****Base System - Fire Station Installation***Mach Alert Responsibilities:*

- Install 1 Mach Alert Station Controller (SC) in designated space on wall
- Provide mounting hardware, support strut, and required fasteners to SC
- Terminate, and test 1 Category 6 Ethernet feed(s) to SC from customer network switch
- Land all Ethernet connections into assigned switch ports predetermined by Customer
- Install the PA amplifier, terminate, and test 1 18/2 Twisted Shielded Pair audio line from SC to PA amplifier
- Install the 3 PA speakers and terminate the 18/2 Twisted Shielded Pair audio lines to each of the 3 PA speakers to the PA amplifier

*Palm Bay Responsibilities:*

- Provide and install 1 antenna and 1 transmission line at the fire station. This is for the fire dispatch voice radio
- Provide and install 1 voice radio and code plug for the voice radio at each fire station if one does not exist
- Provide and install 1 Category 6 cable and 18 AWG Twisted Shielded cables as stated above
- Verify duplex outlet power or provided by others if not available

**Bunkroom Lighting Hardware Installation***Mach Alert Responsibilities:*

- Install 4 Bunkroom Light Fixtures (BLF) in the fire station
- Terminate, and test 1 18/6 Twisted Shielded cable from each BLF to SC for signal and power

*Palm Bay Responsibilities:*

- Provide all required 18/6 Twisted Shielded cabling, and cable management hardware as stated above

**Incident Display Boards Installation***Mach Alert Responsibilities:*

- Install 2 Incident Display Boards (IDB) in designated locations using Palm Bay provided monitors and appropriate monitor wall mount
- Mount 1 Incident Display Board Module (IDB) to each IDB
- Terminate, and test 1 Category 6 ethernet feed to SC network switch from IDB, 1 drop per IDB
- Plug IDB into local duplex AC outlet

CONFIDENTIAL INFORMATION – FOR INTERNAL MACH ALERT USE ONLY

*Palm Bay Responsibilities:*

- Provide all required Category 6 cabling, termination ends, and cable management hardware as needed
- Provide monitors and appropriate monitor mounts for IDBs
- Verify duplex outlet power or provided by others if not available

**Clarifications:**

- Palm Bay is responsible for all permits that are required to perform the above work
- All stated work above is low voltage and does not include any high voltage work
- All stated work above is in exposed cabling with no conduit provided

**Pricing to Palm Bay Fire Rescue**

| <b>System</b>           | <b>Cost to Palm Bay Fire Rescue</b> |
|-------------------------|-------------------------------------|
| Base System             | \$ 7,215.00                         |
| Bunkroom Lighting       | \$ 780.00                           |
| Incident Display Boards | \$ 1,560.00                         |
| PA Amp & Speakers       | \$ 780.00                           |



Mach Alert, Inc.  
9270 Bay Plaza Blvd, Suite 605  
Tampa, FL 33619

March 1, 2024

Nathan Thomas  
Deputy Fire Chief  
Palm Bay Fire Rescue

RE: CI Communications - Sole Source Service Provider for Palm Bay Fire Rescue Mach Alert FSA System

Dear Deputy Chief Thomas.

We wish to emphasize that CI Communications is the exclusive service provider with the training and expertise necessary to work on the Mach Alert Fire Station Alerting and Automation (FSAA) system for Palm Bay Fire Rescue. Mach Alert and CI Communications team has successfully installed and operationalized the Mach Alert product, along with all associated hardware and software, across your Palm Bay Fire Stations and Dispatch center.

Furthermore, the training, testing, and required maintenance services related to the Mach Alert FSAA system were specifically designed for CI Communications personnel, making them the sole source for servicing the Mach Alert Palm Bay Fire Rescue system.

We appreciate your continued trust in our capabilities and commitment to ensuring the seamless operation of mission critical Mach Alert FSA system.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ernesto Ramos'.

Ernesto Ramos  
Mach Alert, Inc.  
Vice President & General Manager  
[Ernie.Ramos@machalert.com](mailto:Ernie.Ramos@machalert.com)



Mach Alert, Inc.  
9270 Bay Plaza Blvd, Suite 605  
Tampa, FL 33619

March 1, 2024

Nathan Thomas  
Deputy Fire Chief  
Palm Bay Fire Rescue

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We appreciate your continued trust in our capabilities and commitment to ensuring the seamless operation of mission critical Mach Alert FSA system.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ernesto Ramos'.

Ernesto Ramos  
Mach Alert, Inc.  
Vice President & General Manager  
[Ernie.Ramos@machalert.com](mailto:Ernie.Ramos@machalert.com)