

AUTHORIZING THE PURCHASE OF A PHOENIX G2 STATION ALERT SYSTEM FROM US DIGITAL DESIGNS FOR THE DEKALB FIRE DEPARTMENT IN AN AMOUNT NOT TO EXCEED \$124,557.80 USING GROUND EMERGENCY MEDICAL TRANSPORT (GEMT) FUNDING (FUND 130).

WHEREAS, the City of DeKalb (the "City") is a home rule unit of local government and may exercise any power and perform any function pertaining to its government and affairs pursuant to Article VII, Section 6 of the Illinois Constitution of 1970; and

WHEREAS, the City's Fire Chief recommends the purchase of the Phoenix G2 Station Alert System from US Digital Designs for an amount not to exceed \$124,557.80 in accordance with the quote attached and incorporated as Exhibit A (the "Quote"); and

WHEREAS, the City's corporate authorities find that approving the Quote is in the City's best interests for the protection of the public health, safety and welfare; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DEKALB, ILLINOIS:

SECTION 1: The recitals to this resolution are adopted and incorporated as Section One to this resolution.

SECTION 2: The City's corporate authorities approve the Quote and further approve, authorize, and direct the City Manager to enter into an agreement with US Digital Design, in a form that is acceptable to the City Manager, for the purchase of the Phoenix G2 Station Alert System, in an amount not to exceed \$124,557.80.

SECTION 3: This resolution and each of its terms shall be the effective legislative act of a home rule municipality without regard to whether such resolution should (a) contain terms contrary to the provisions of current or subsequent non-preemptive state law, or (b) legislate in a manner or regarding a matter not delegated to municipalities by state law. It is the intent of the City's corporate authorities that to the extent this resolution is inconsistent with any non-preemptive state law, this resolution shall supersede state law in that regard within its jurisdiction.


SECTION 4: This resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois at a Regular meeting thereof held on the 27th day of February 2023 and approved by me as Mayor on the same day. Passed by a 7-0-1 roll call vote. Aye: Morris, Larson, Smith, Perkins, McAdams, Verbic, Barnes. Nay: None. Absent: Faivre.




COHEN BARNES, Mayor

ATTEST:



Ruth A. Scott, Executive Assistant

US DIGITAL DESIGNS

Tempe, Arizona USA

Phoenix G2 - Automated Fire Station Alerting

Quotation to:

The City of DeKalb, Illinois
DeKalb Fire Department

Project:

G2 Fire Station Alerting System
One (1) Primary Dispatch System & Three (3) Station Systems

Proposal number:

IL_DKLB003

Revision #

1

Quote Date:

30-Nov-2022

Quote Expires:

28-Feb-2023

INSTALLATION BY:

N/A - Installation is not assumed or included by USDD
Customer to contract directly with a Certified G2 Installer

By:

Peter Donkin
Project Manager

US Digital Designs, Inc.

1835 E Sixth St #27

Tempe, AZ 85281

602-687-1759 direct

480-290-7892 fax

peter.donkin@honeywell.com

[This Proposal is subject to corrections due to Errors or Omissions]

US DIGITAL DESIGNS

1835 E. Sixth St. Suite #27

Tempe, Arizona 85281

877-551-8733 tel

480-290-7892 fax

QUOTE

DATE: 11/30/22

Expires: 2/28/23

Quote SUBMITTED TO:

The City of DeKalb, Illinois

DeKalb Fire Department

REF PROPOSAL

IL_DKLB003 v1

PRIMARY-DISPATCH-LEVEL

PRIMARY DISPATCH G2 FSA SYSTEM

Dispatch center costs typically only need to be assumed once per dispatching agency, no matter how many stations are dispatched (unless redundant centers or further modifications are needed).

DISPATCH SYSTEM INTERFACES

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
|------|------|------|-----|--|----------|--------------|--------------|-----------|
| DI1 | LOT | USDD | 0 | Radio System Interface (Full Console Interface) - (Requires owner-furnished, dedicated, console - specifically and solely tasked for Station Alerting) | RSI-P | \$ 13,650.00 | \$ 12,285.00 | - |
| DI2 | LOT | CAD | 1 | CAD Interface - TBD (USDD-side Only - Customer responsibility to discuss CAD-side costs (if any) with their vendor) | CADI-P | \$ 14,250.00 | \$ 12,825.00 | 12,825.00 |

DISPATCH SYSTEM COMPONENTS

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
|------|------|------|-----|--|-----------|--------------|-------------|-----------|
| DC1 | PR | USDD | 1 | G2 Communications Gateway Pair (Hardware for CAD interface) 2@1RU each (2RU Total) | G2-GW | \$ 10,425.00 | \$ 9,382.50 | 9,382.50 |
| DC2a | Kit | USDD | 1 | G2 Gateway Audio Radio Interface (GaRI) - Kitted with Flange-Mount, Rack-Mount Adapter Available if needed | GaRI2 | \$ 2,450.00 | \$ 2,205.00 | 2,205.00 |
| DC2b | Kit | USDD | 1 | Rack-Mount Adapter Plate - Mounts (up to) 2 GaRI2s in 19" Rack | GaRI2-RMP | \$ 65.00 | \$ 58.50 | 58.50 |
| DC3 | Kit | USDD | 0 | G2 HDTV REMOTE Module (TV & Electrical Outlet by Others) | TVR | \$ 975.00 | \$ 877.50 | - |
| DC4 | Kit | USDD | 0 | G2 Light Tower Interface | LTI | \$ 675.00 | \$ 607.50 | - |

DISPATCH SYSTEM SERVICES

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
|------|------|------|-----|--|----------|--------------|------------|-----------|
| DS1 | HR | USDD | 50 | Gateway Configuration & Modifications | GW-CM | \$ 325.00 | \$ 292.50 | 14,625.00 |
| DS2a | LOT | USDD | 0 | Gateway Installation / On-Site BY USDD (with direct coordinated assistance by authorized customer CAD, Radio & IT personnel) | GW-I-O | \$ 875.00 | \$ 787.50 | - |

| | | | | | | | | | |
|------|-----|------|---|---|-----------|-------------|-------------|----------|--|
| DS2b | LOT | USDD | 1 | Gateway Installation / BY CUSTOMER (with REMOTE ASSISTANCE by USDD Personnel) | GW-I-C | \$ 375.00 | \$ 337.50 | 337.50 | |
| DS3 | LOT | USDD | 1 | Gateway Start-Up / On-Site BY USDD (with direct coordinated assistance by authorized customer CAD, Radio & IT personnel) | GW-SU-O | \$ 5,925.00 | \$ 5,332.50 | 5,332.50 | |
| DS4 | LOT | USDD | 1 | Gateway Project Management | GW-PM | \$ 349.38 | \$ 314.44 | 314.44 | |
| DS5a | LOT | USDD | 1 | Training - System Administrator / Dispatch Supervisor - On-Site (4 Hours) | TRA-DIS-O | \$ 4,425.00 | \$ 3,982.50 | 3,982.50 | |
| DS5b | LOT | USDD | 0 | Training - System Administrator / Dispatch Supervisor - Remote Refresh (4 Hours) | TRA-DIS-R | \$ 1,325.00 | \$ 1,192.50 | - | |
| DS6a | LOT | USDD | 1 | Training - Station-Level Configuration and Equipment Usage - On-Site (4 Hours) | TRA-STA-O | \$ 4,425.00 | \$ 3,982.50 | 3,982.50 | |
| DS6b | LOT | USDD | 0 | Training - Station-Level Configuration and Equipment Usage - Remote Refresh (4 Hours) | TRA-STA-R | \$ 1,325.00 | \$ 1,192.50 | - | |
| DS7a | LOT | USDD | 0 | Training - Installation Contractor - On-Site / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-O | \$ 6,125.00 | \$ 5,512.50 | - | |
| DS7b | LOT | USDD | 0 | Training - Installation Contractor - At Arizona Training Center / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-AZ | \$ 3,125.00 | \$ 2,812.50 | - | |
| DS8 | LOT | USDD | 0 | Misc Option 1 | | \$ - | \$ - | - | |
| DS9 | LOT | USDD | 0 | Misc Option 2 | | \$ - | \$ - | - | |

| | | |
|--------------------------------|-----------------|-----------|
| PRIMARY DISPATCH G2 FSA SYSTEM | System Total: | 53,045.44 |
| | Shipping Total: | 130.00 |
| | System Subtotal | 53,175.44 |

PRIMARY DISPATCH MOBILE APP SERVICE

for IOS and ANDROID Platforms Only - In Conjunction with USDD Communications Gateways Only

For each year the FSA System is under standard warranty or elected recurring support coverage, USDD would like to offer our G2 Mobile Station Alerting App to those customers at no additional cost (in groups of 24 licenses-per-ATX-purchased).

| | |
|---|----|
| # of Mobile App Device Licenses (Users) Requested: | 72 |
| # of Stations within the agency to be Alerted: | 3 |
| # of Stations to have ATX Station Controller Installed: | 3 |

APP DEVICE LICENSES - INCLUDED (at no additional cost, x24 Per-ATX Installed while under Warranty/Support)

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
|------|-------|------|-----|--|----------|--------------|------------|---|
| AP1 | Ea/Yr | USDD | 72 | G2 MOBILE FSAS APP - Single Device License / Per Year Cost (\$9.00 / \$8.10 per Month) | APP-DLI | \$ 108.00 | \$ 97.20 | \$6998.4 but no cost/included while under warranty or elected support |

APP DEVICE LICENSES - ADDITIONAL NEEDED (or surplus available)

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
|------|-------|------|-----|--|----------|--------------|------------|-----------|
| AP2 | Ea/Yr | USDD | 0 | G2 MOBILE FSAS APP - Single Device License / Per Year Cost (\$9.00 / \$8.10 per Month) | APP-DLA | \$ 108.00 | \$ 97.20 | - |

(If no longer under Warranty or Elected Support)
Number of Years Purchasing for this License

1

PRIMARY DISPATCH MOBILE APP SERVICE Yearly Total:

-

All Years Subtotal:

-

USDD G2 MOBILE FSA APP:

USDD has developed the Phoenix G2 FSA Mobile Application (the "App") to provide a remote extension of the customer's existing G2 FSAS. **Mobile App Only Available to Customers Using USDD's G2 Communications Gateways interfaced to a formal Computer Aided Dispatch (CAD) System.** The App is supported by Apple and Android devices. The App will interface with the Agency's CAD to send simultaneous mobile alerts, including dispatch announcements, administrative alerts, IT support notifications and application update notifications to authorized personnel via their smartphones and tablets. The App alerts personnel as individuals or groups (e.g., stations, battalions, districts, etc.) wherever they are, making it especially ideal for volunteers and reserves. The mobile alerts plays the same tones as those in the station, shows incident location using the device's built-in mapping capabilities and enables users to save notifications for future reference and search for previous notifications. In addition, the App provides an easy-access email address and phone link to local IT support. Each ATX Station Controller will enable x24 App licenses at no additional charge while the System is under warranty or annual service and support. Additional licenses can be obtained on a sliding cost scale. It should be noted, however, that the performance of mobile alerting is subject to network reliability and coverage.

So your eventual needs will be determined when you let us know how many device licenses you would need, versus the 24 devices-licenses-per-ATX-purchased and currently under warranty or support. As long as the purchased/installed ATX Station Controller is currently under warranty or elected recurring annual support, then there is no additional annual cost for up to x24 individual device licenses for the G2 Mobile FSA App.

Please Note that if customer declines Recurring Annual Support Options, then they will have to pay separately for the App or forfeit ability to use the G2 Mobile Alerting App. Any deviation from device license numbers listed above subjects proposal to change.

PRIMARY DISPATCH MAPPING SERVICE

Mapping System costs typically only need to be assumed once per dispatching agency, no matter how many stations are dispatched (unless redundant centers or further modifications are needed). Costs for this part of the system are often shared between consolidated agencies.

USDD-HOSTED MAPPING - **INCLUDED** (at no additional cost while under Warranty/Support)

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
|------|------|------|-----|--|----------|--------------|-------------|---|--|
| DM1 | YR | USDD | 1 | G2 FSA Mapping Server - Yearly Hosting Cost (Cloud/USDD Hosted) Using National Street Data we provide, as-is | MAP-CLD | \$ 1,540.00 | \$ 1,386.00 | 1386 included at no charge/no additional cost | |

CUSTOMER-HOSTED MAPPING

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
|------|------|------|-----|--|----------|--------------|-------------|-----------|--|
| DM2 | EA | USDD | 0 | G2 FSA Mapping Server (Hardware for mapping interface) 1@2RU ONLY NEED TO INCLUDE IF YOU DO NOT WISH USDD TO HOST. Would contain only your data / Accessible only to your system. | MAP-CUS | \$ 5,215.00 | \$ 4,693.50 | - | |

MAPPING SYSTEM SERVICES

| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
|------|------|------|-----|---|------------|--------------|-------------|-----------|--|
| DM3 | HR | USDD | 0 | System Configuration and Modification for Mapping | MAP-CM | \$ 325.00 | \$ 292.50 | - | |
| DM4 | LOT | USDD | 0 | Customer-Hosted Mapping Server Configuration and Start-up | MAP-CSU-O | \$ 5,925.00 | \$ 5,332.50 | - | |
| DM5 | LOT | USDD | 0 | Mapping Gateway Project Management | MAP-PM | \$ 415.00 | \$ 373.50 | - | |
| DM6a | LOT | USDD | 0 | Training - Mapping Service - <u>On-Site</u> (4 Hours) | MAP-TRN-O | \$ 4,425.00 | \$ 3,982.50 | - | |
| DM6b | LOT | USDD | 0 | Training - Mapping Services - <u>At Arizona Training Center</u> | MAP-TRN-AZ | \$ 1,550.00 | \$ 1,395.00 | - | |
| DM6c | LOT | USDD | 0 | Training - Mapping Services - <u>Remote Refresh</u> (4 Hours) | MAP-TRN-R | \$ 1,325.00 | \$ 1,192.50 | - | |
| DM7 | LOT | USDD | 0 | Misc Option 1 | | \$ - | \$ - | - | |

| | | |
|---|-----------------|---|
| PRIMARY DISPATCH MAPPING SERVICE | System Total: | - |
| | Shipping Total: | - |
| | System Subtotal | - |

PRIMARY DISPATCH WARRANTY & SUPPORT

INCLUDES G2 MOBILE SMART-PHONE ALERTING APPS & USDD-HOSTED MAPPING SERVICES (if available). Customer must elect to choose any coverage they require beyond initial warranty period, or USDD will not be authorized to provide any service or support. Mobile Smart Phone Alerting App and Mapping Services only available to customer while under warranty or elected recurring annual support. Support Agreements subject to change if system design is modified. For additional details, please review current USDD Warranty Statement and Service Agreement

| DISPATCH-LEVEL WARRANTY & OPTIONAL RECURRING ANNUAL SUPPORT | | | | | | | | | |
|---|------|------|-----|--|------------|--------------|-------------|---|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| DW1 | HR | USDD | 1.5 | [STANDARD] 1st YEAR WARRANTY & SUPPORT FOR THIS DISPATCH SYSTEM (or Component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) PLEASE NOTE: An additional 6 months (for total of 18 months/1.5 years) of initial warranty has been offered by USDD for no additional cost so all stations can be installed and enjoy same warranty/support start/stop dates) | RS-1YR-STD | \$ 2,719.00 | \$2,447.10 | 3670.65 but No Charge For Initial Warranty Period / Not Included in Subtotals | |
| DW2 | LOT | USDD | 0.0 | [STANDARD] EACH ADDITIONAL YEAR (12-Months) WARRANTY & SUPPORT FOR THIS DISPATCH SYSTEM (or Component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) IF QUANTITY '0' THEN NO ADDITIONAL SUPPORT IS ASSUMED OR AUTHORIZED BEYOND INITIAL WARRANTY PERIOD | RS-AYR-STD | \$ 2,719.00 | \$ 2,447.10 | - | |

INDIVIDUAL DISPATCH SYSTEMS TOTALS

| | |
|--|-----------|
| PRIMARY DISPATCH G2 FSA SYSTEM TOTAL: | 53,175.44 |
| PRIMARY DISPATCH MOBILE APP SERVICE TOTAL: | - |
| PRIMARY DISPATCH MAPPING SERVICE TOTAL: | - |

ENTIRE DISPATCH-LEVEL SUBTOTALS (NOW INCLUDING WARRANTY, OPTIONAL SUPPORT & TAX AS WELL)

| | |
|--|------------------|
| ALL PRIMARY-DISPATCH-LEVEL SYSTEMS SUBTOTAL: | 53,045.44 |
| ALL PRIMARY-DISPATCH-LEVEL SHIPPING SUBTOTAL: | 130.00 |
| ALL PRIMARY-DISPATCH-LEVEL WARRANTY & SUPPORT: | - |
| ALL DISPATCH-LEVEL MISCELLANEOUS. (if applicable): | - |
| PRIMARY PRIMARY-DISPATCH-LEVEL GRAND TOTAL: | 53,175.44 |

(SEE 'SECTION TOTALS' PAGE FOR EVEN MORE DETAIL)

This quote does not include or assume any amounts for sales or use tax. Customer needs to contact its procurement department to determine if sales or use tax is payable, and if so, to make the determination of the amount to be paid. Per our contracts, Customer is responsible for the payment of any sales or use taxes owed from any purchase from USDD.

US DIGITAL DESIGNS

1835 E. Sixth St. Suite #27
Tempe, Arizona 85281

877-551-8733 tel 480-290-7892 fax

QUOTE

DATE: 11/30/22
Expires: 2/28/23

Quote SUBMITTED TO:
The City of DeKalb, Illinois
DeKalb Fire Department

REF PROPOSAL

IL_DKLB003 v1

STATION-LEVEL

STATION 01

Based from USDD G2 Fire Station Alerting System Design Drawing # USDD_IL_DKLB.ALL STATIONS.FSA.2022.11.30.pdf

| STATION SYSTEM LICENSES | | | | | | | | |
|-------------------------|-------|------|-----|---|------------|--------------|------------|----------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SL1 | Ea | USDD | 1 | G2 VOICEALERT - Single Station License. | VA | \$ 1,030.00 | \$ 927.00 | \$ 927.00 |
| SL2 | Ea/Yr | USDD | 24 | G2 MOBILE FSAS APP - Single Device License. Up to 24 Licenses-Per-ATX are offered at \$0.00 cost each as long as system is currently under warranty or elected recurring annual support coverage. See 'Mobile' Section for more detail. | G2-APP-DLI | \$ 108.00 | \$ 97.20 | N/A - Included |

| STATION SYSTEM CONTROLLER | | | | | | | | |
|---------------------------|------|------|-----|--|----------|--------------|--------------|--------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SC1 | Kit | USDD | 1 | G2 ATX STATION CONTROLLER - Power/Signal/Control up to 8 peripheral Remote Options. 4 Unique Amps/Zones available. | ATX | \$ 21,750.00 | \$ 19,575.00 | \$ 19,575.00 |
| SC2 | Kit | USDD | 0 | G2 EXPANSION KIT - Allows ability to Power/Signal/Control up to 12 more peripheral Remote options per EXP. | EXP | \$ 7,325.00 | \$ 6,592.50 | \$ - |
| SC3a | Kit | USDD | 0 | Rack Mount Ears for ATX or EXP | ATX-E | \$ 64.00 | \$ 57.60 | \$ - |
| SC3b | Kit | USDD | 0 | Base Plate for ATX or EXP | ATX-P | \$ 64.00 | \$ 57.60 | \$ - |
| SC4a | Ea | TBD | 1 | ATX UPS, Standard | UPS-STD | \$ 923.00 | \$ 830.70 | \$ 830.70 |
| SC4b | Ea | TBD | 1 | Shelf/Bracket, Wall-Mount for UPS | UPS-WMB | \$ 65.00 | \$ 58.50 | \$ 58.50 |

| STATION SYSTEM PERIPHERAL COMPONENTS | | | | | | | | |
|--------------------------------------|------|------|-----|--|----------|--------------|-------------|-------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SP1a | Ea | TBD | 0 | Audio Amplifier, External, Standard | AMP | \$ 987.00 | \$ 888.30 | \$ - |
| SP1b | Ea | TBD | 0 | Shelf, Under Table or Wall Mount, for 1U 1/2 Rack | AMP-S | \$ 76.00 | \$ 68.40 | \$ - |
| SP2 | Ea | USDD | 0 | G2 COLOR INDICATOR REMOTE Module - Up to 8 unique colors | CIR | \$ 825.00 | \$ 742.50 | \$ - |
| SP3a | Ea | USDD | 6 | G2 HDTV REMOTE Module (TV & Electrical Outlet by Others; C.E.C. control subject to TV ability) | TVR | \$ 975.00 | \$ 877.50 | \$ 5,265.00 |
| SP3b | Ea | TBD | 0 | Flat Panel Monitor / Smart HDTV 40-43" (Electrical Outlet/Provision By Others; C.E.C. control subject to TV ability) | FP-43 | \$ 1,100.00 | \$ 990.00 | \$ - |
| SP3c | Ea | TBD | 0 | Flat Panel/TV Mount - Universal 23"-46" Tilt | FPM-U | \$ 115.00 | \$ 103.50 | \$ - |
| SP4 | Ea | USDD | 1 | G2 I/O REMOTE Module w/ 8 In & 8 Out | IOR | \$ 1,375.00 | \$ 1,237.50 | \$ 1,237.50 |
| SP5 | Ea | USDD | 7 | Push Button, Standard (Black) | PB-B | \$ 110.00 | \$ 99.00 | \$ 693.00 |
| SP6 | Ea | USDD | 5 | Push Button, Emergency (Red) | PB-R | \$ 110.00 | \$ 99.00 | \$ 495.00 |
| SP7 | Ea | USDD | 2 | G2 MESSAGE REMOTE 2 Module (2017 Version 2) | MR2 | \$ 1,425.00 | \$ 1,282.50 | \$ 2,565.00 |

| | | | | | | | | | |
|-------|----|------|----|---|-------------------|-------------|-------------|-------------|--|
| SP8a | Ea | USDD | 0 | G2 MESSAGE SIGN (Digital LED) MINI GammaSign / 12" Active Screen Width / Turn Out Timing ONLY | MS-G-M | \$ 915.00 | \$ 823.50 | \$ - | |
| SP8b | Ea | USDD | 4 | G2 MESSAGE SIGN (Digital LED) STANDARD GammaSign / 24" Active Screen Width | MS-G-S | \$ 1,050.00 | \$ 945.00 | \$ 3,780.00 | |
| SP8c | Ea | USDD | 0 | G2 MESSAGE SIGN (Digital LED) EXTENDED GammaSign / 36" Active Screen Width | MS-G-E | \$ 1,575.00 | \$ 1,417.50 | \$ - | |
| SP9a | Ea | USDD | 0 | MS-G Adapter Plate, SINGLE. VESA 100, joins (1) MS-G-S (or-E) to any standard mount with VESA 100 hole patterns (mount not included) | MS-AP-S | \$ 55.00 | \$ 49.50 | \$ - | |
| SP9b | Ea | USDD | 2 | MS-G Adapter Plate, DOUBLE, VESA 100, joins (2) MS-G-S (or-E) to any standard mount with VESA 100 hole patterns (mount not included) | MS-AP-D | \$ 65.00 | \$ 58.50 | \$ 117.00 | |
| SP9c | Ea | USDD | 0 | MS-G Hanger Kit. Hangs single or double (back-to-back) Message Signs (Gamma Version) from Ceiling. Includes both suspended ceiling T-Bar Scissor Clips and Hard-Pan Flange Mounts. | MS-HK | \$ 73.00 | \$ 65.70 | \$ - | |
| SP9d | Ea | TBD | 2 | MS Mount - Articulating, Long reach | MS-MNT-ART-L | \$ 325.00 | \$ 292.50 | \$ 585.00 | |
| SP10a | Ea | USDD | 0 | G2 ROOM REMOTE 2 Module / 2017 version 2 | RR2 | \$ 2,025.00 | \$ 1,822.50 | \$ - | |
| SP10b | Ea | USDD | 0 | RR2 Adapter Plate, for Retrofit in RR1 Wall Cavity | RR2-AP | \$ 75.00 | \$ 67.50 | \$ - | |
| SP10c | Ea | USDD | 0 | RR2 Surface Mount Box, for SURFACE MOUNT (hard wall) installation. Three (3) 3/4" conduit knock-outs. | RR2-SMB | \$ 175.00 | \$ 157.50 | \$ - | |
| SP11a | Ea | USDD | 4 | G2 SPEAKER - LED Illuminated - FLUSH Mount, 70v | SPK-LED-FM | \$ 325.00 | \$ 292.50 | \$ 1,170.00 | |
| SP11b | Ea | USDD | 2 | G2 SPEAKER - LED Illuminated - SURFACE Mount (Metal Box), 70v | SPK-LED-SM | \$ 325.00 | \$ 292.50 | \$ 585.00 | |
| SP12a | Ea | USDD | 2 | G2 SPEAKER - OmniAlertStrobe - Omnidirectional Alerting Speaker, optimized for high Vocal Intelligibility in large open indoor areas and with High-Intensity LED Strobe Light Arrays - includes Cable Hanging Kit (requires MR2 for power/signal/control) | SPK-OAS | \$ 875.00 | \$ 787.50 | \$ 1,575.00 | |
| SP12b | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / BEAM FLANGE CLIP- for mounting directly onto an exposed (1/8-14") I-Beam | SPK-OAS-BFC | \$ 23.00 | \$ 20.70 | \$ - | |
| SP12c | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / DROP CEILING BRACKET- for mounting directly to T-Bar in Suspended Ceiling | SPK-OAS-DCB | \$ 55.00 | \$ 49.50 | \$ - | |
| SP12d | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / SURFACE MOUNT - for mounting directly to hard ceiling | SPK-OAS-SMB | \$ 55.00 | \$ 49.50 | \$ - | |
| SP13a | Ea | USDD | 15 | SPEAKER - STANDARD, FLUSH Mount, 70v | SPK-STD-FM | \$ 105.00 | \$ 94.50 | \$ 1,417.50 | |
| SP13b | Ea | USDD | 6 | SPEAKER - STANDARD, SURFACE Mount (Metal Box), 70v | SPK-STD-SM | \$ 105.00 | \$ 94.50 | \$ 567.00 | |
| SP14 | Ea | USDD | 1 | SPEAKER - APP BAY/OUTDOOR - Weatherized, Surface Mount, 70v | SPK-W-SM | \$ 325.00 | \$ 292.50 | \$ 292.50 | |
| SP15 | Ea | USDD | 2 | G2 Strobe Light / Red LED | STR | \$ 575.00 | \$ 517.50 | \$ 1,035.00 | |
| SP16 | Ea | USDD | 0 | Transformer, 8ohm to 70V, External | XFMR | \$ 53.00 | \$ 47.70 | \$ - | |
| SP17 | Ea | USDD | 0 | VIDEO DOOR STATION - Doorbell & Camera that ties into G2 FSAS (HDTV Remote) - Includes Power Injector | VDS | \$ 1,700.00 | \$ 1,530.00 | \$ - | |

| STATION SYSTEM SERVICES | | | | | | | | | |
|-------------------------|------|------|-----|---|-----------|--------------|-------------|-------------|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| SS1 | Ea | USDD | 0 | Station Installation (N/A - Installation is not assumed or included by USDD. Customer to contract directly with a Certified G2 Installer.) | ST-INST | \$ - | \$ - | \$ - | |
| SS2 | Ea | USDD | 0 | Station Remediation (Removal and Disposal of Legacy Equipment Not currently Assumed or Included, nor is any related Remediation to Paint, Drywall, etc.) | ST-INST | \$ - | \$ - | \$ - | |
| SS3 | Ea | USDD | 1 | Station Configuration & Start-Up | ST-SU | \$ 2,225.32 | \$ 2,002.79 | \$ 2,002.79 | |
| SS4 | Ea | USDD | 1 | Station Project Management | ST-PM | \$ 1,113.07 | \$ 1,001.76 | \$ 1,001.76 | |
| SS5 | Ea | USDD | 1 | Station Engineering / Design Services | ST-ES | \$ 395.42 | \$ 355.88 | \$ 355.88 | |
| SS6 | Ea | USDD | 1 | Station Documentation | ST-DM | \$ 58.72 | \$ 52.85 | \$ 52.85 | |
| SS7a | Ea | USDD | 0 | Station Training - Configuration and Equipment. On-Site @ Station. 4 Hours, 1 Visit. (for Technical Services Staff) | TRA-UT-O | \$ 4,425.00 | \$ 3,982.50 | \$ - | |
| SS7b | Ea | USDD | 0 | Station Training - User/Technician / Remote Refresh (2 Hours) | TRA-UT-R | \$ 650.00 | \$ 585.00 | \$ - | |
| SS8a | Ea | USDD | 0 | Training - Installation Contractor - On-Site / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-O | \$ 6,125.00 | \$ 5,512.50 | \$ - | |
| SS8b | Ea | USDD | 0 | Training - Installation Contractor - At Arizona Training Center / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-AZ | \$ 3,125.00 | \$ 2,812.50 | \$ - | |
| SS9 | Ea | USDD | 0 | Miscellaneous/TBD | MISC | \$ - | \$ - | \$ - | |

| STATION SYSTEM WARRANTY & OPTIONAL RECURRING ANNUAL SUPPORT | | | | | | | | | |
|---|------|------|-----|--|------------|--------------|-------------|--|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| SW1 | YR | USDD | 1.5 | [STANDARD] 1st YEAR WARRANTY & SUPPORT FOR THIS STATION SYSTEM (or component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) PLEASE NOTE: An additional 6 months (for total of 18 months/1.5 years) of initial warranty has been offered by USDD for no additional cost so all stations can be installed and enjoy same warranty/support start/stop dates) | RS-1YR-STD | \$ 4,752.30 | \$ 4,277.07 | 6415.605 but No Charge For Initial Warranty Period / Not Included in Subtotals | |
| SW2 | YR | USDD | 0.0 | [STANDARD] EACH ADDITIONAL YEAR (12-Months) WARRANTY & SUPPORT FOR THIS STATION SYSTEM (or Component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) IF QUANTITY '0' THEN NO ADDITIONAL SUPPORT IS ASSUMED OR AUTHORIZED BEYOND INITIAL WARRANTY PERIOD | RS-AYR-STD | \$ 4,752.30 | \$ 4,277.07 | \$ - | |

| | | | |
|-------------------|--|-------------------------------|---------------------|
| STATION 01 | | System: | \$ 46,183.98 |
| | | Shipping: | \$ 1,320.00 |
| | | Warranty & Support: | \$ - |
| | | Miscellaneous (if applicable) | \$ - |
| | | STATION SUBTOTAL: | \$ 47,503.98 |

This quote does not include or assume any amounts for **sales or use tax**. Customer needs to contact its procurement department to determine if sales or use tax is payable, and if so, to make the determination of the amount to be paid. Per our contracts, Customer is responsible for the payment of any sales or use taxes owed from any purchase from USDD.

Warranty & Support Notes:

Customer must elect to choose any coverage they require beyond initial warranty period, or USDD will not be authorized to provide any service or support. Mobile Smart Phone Alerting App and Mapping Services only available to customer while under warranty or elected recurring annual support. Support Agreements subject to change if system design is modified. For additional details, please review current USDD Warranty Statement and Service Agreement. USDD cannot warrant nor support any system configuration that deviates from this specific proposal's documented station system design file number. USDD cannot warrant nor support any system not using USDD-approved UPS Battery Backup. USDD cannot warrant nor support any system not installed by G2 Trained & Certified Installation technician (installer). If customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the system until we've had a chance to review documented engineering assumptions and approve system integrity, performance and reliability expectations.

For FSASaaS Program: The cost of service and support beyond initial warranty period is included in the FSASaaS Program for a total of 5 years. The service and support includes Mobile Smart Phone Alerting App and Mapping Services. Please see the FSASaaS Subscription Agreement for more information concerning the service and support provided by USDD. USDD cannot warrant nor support any system not using USDD-approved UPS Battery Backup. USDD cannot warrant nor support any system not installed by G2 Trained & Certified Installation technician (installer). If customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the system until we've had a chance to review documented engineering assumptions and approve system integrity, performance and reliability expectations.

Station System Installation Notes:

- 01 - Unless specifically detailed in this proposal, no installation by USDD or its subcontractors is assumed or provided.
- 02 - Because these are mission-critical systems, USDD can only warrant and support systems installed by G2 Trained and Certified Contractors.
- 03 - USDD can source, qualify, train and certify Local Licensed Regional Subcontractors where needed.
- 04 - Installation warranted by installation contractor - G2 FSASaaS warranted, serviced and supported by USDD.
- 05 - Unless specifically detailed in this proposal, installation to be performed during normal working hours.
- 06 - Unless specifically detailed in this proposal, no permit fees or material charges have been included.
- 07 - Unless specifically detailed in this proposal, no removal or remediation has been assumed or included.
- 08 - Unless specifically detailed in this proposal, no bonds of any type (performance, bid) have been assumed, included or budgeted for in this proposal.
- 09 - USDD FSASaaS Equipment to be made available by owner to Installation Contractor prior to on-site arrival.
- 10 - Structural backing for system devices and other millwork (not specifically detailed) by others.
- 11 - If applicable, Gas Control Shutoff Valve Addendum (to USDD and installation contractor) must be signed prior to installation.
- 12 - All electrical power, including (but not limited to) raceway, conduit, backboxes, service panels, high-voltage wiring and fixtures by others.
- 13 - All communications pathway infrastructure (network, radio, etc.) by others unless specifically detailed in this proposal.
- 14 - USDD cannot warrant nor support any owner-furnished (3rd-Party) system or component we are required to integrate with. USDD cannot warrant nor support any system or component it has not proofed engineering for and has not specifically authorized for use within public safety environments.
- 15 - Any misuse, unauthorized modification, improper installation, excessive shock, attempted repair, accident, or improper or negligent use, storage, transportation, or handling by any party other than USDD shall render this limited warranty null, void and of no further effect.

US DIGITAL DESIGNS

1835 E. Sixth St. Suite #27
Tempe, Arizona 85281

877-551-8733 tel 480-290-7892 fax

QUOTE

DATE: 11/30/22
Expires: 2/28/23

Quote SUBMITTED TO:
The City of DeKalb, Illinois
DeKalb Fire Department

REF PROPOSAL

IL_DKLB003 v1

STATION-LEVEL

STATION 02

Based from USDD G2 Fire Station Alerting System Design Drawing # USDD_IL_DKLB.ALL STATIONS.FSA.2022.11.30.pdf

| STATION SYSTEM LICENSES | | | | | | | | |
|-------------------------|-------|------|-----|--|------------|--------------|------------|----------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SL1 | Ea | USDD | 1 | G2 VOICEALERT - Single Station License. | VA | \$ 1,030.00 | \$ 927.00 | \$ 927.00 |
| SL2 | Ea/Yr | USDD | 24 | G2 MOBILE FSAS APP - Single Device License. Up to 24 Licenses-Per-ATX are offered at \$0.00 cost each as long as system is currently under warranty or elected recurring annual support coverage. See 'Mobile' Section for more detail. | G2-APP-DLI | \$ 108.00 | \$ 97.20 | N/A - Included |

| STATION SYSTEM CONTROLLER | | | | | | | | |
|---------------------------|------|------|-----|--|----------|--------------|--------------|--------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SC1 | Kit | USDD | 1 | G2 ATX STATION CONTROLLER - Power/Signal/Control up to 8 peripheral Remote Options. 4 Unique Amps/Zones available. | ATX | \$ 21,750.00 | \$ 19,575.00 | \$ 19,575.00 |
| SC2 | Kit | USDD | 0 | G2 EXPANSION KIT - Allows ability to Power/Signal/Control up to 12 more peripheral Remote options per EXP. | EXP | \$ 7,325.00 | \$ 6,592.50 | \$ - |
| SC3a | Kit | USDD | 0 | Rack Mount Ears for ATX or EXP | ATX-E | \$ 64.00 | \$ 57.60 | \$ - |
| SC3b | Kit | USDD | 0 | Base Plate for ATX or EXP | ATX-P | \$ 64.00 | \$ 57.60 | \$ - |
| SC4a | Ea | TBD | 1 | ATX UPS, Standard | UPS-STD | \$ 923.00 | \$ 830.70 | \$ 830.70 |
| SC4b | Ea | TBD | 1 | Shelf/Bracket, Wall-Mount for UPS | UPS-WMB | \$ 65.00 | \$ 58.50 | \$ 58.50 |

| STATION SYSTEM PERIPHERAL COMPONENTS | | | | | | | | |
|--------------------------------------|------|------|-----|--|----------|--------------|-------------|-------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SP1a | Ea | TBD | 0 | Audio Amplifier, External, Standard | AMP | \$ 987.00 | \$ 888.30 | \$ - |
| SP1b | Ea | TBD | 0 | Shelf, Under Table or Wall Mount, for 1U 1/2 Rack | AMP-S | \$ 76.00 | \$ 68.40 | \$ - |
| SP2 | Ea | USDD | 0 | G2 COLOR INDICATOR REMOTE Module - Up to 8 unique colors | CIR | \$ 825.00 | \$ 742.50 | \$ - |
| SP3a | Ea | USDD | 2 | G2 HDTV REMOTE Module (TV & Electrical Outlet by Others; C.E.C. control subject to TV ability) | TVR | \$ 975.00 | \$ 877.50 | \$ 1,755.00 |
| SP3b | Ea | TBD | 0 | Flat Panel Monitor / Smart HDTV 40-43" (Electrical Outlet/Provision By Others; C.E.C. control subject to TV ability) | FP-43 | \$ 1,100.00 | \$ 990.00 | \$ - |
| SP3c | Ea | TBD | 0 | Flat Panel/TV Mount - Universal 23"-46" Tilt | FPM-U | \$ 115.00 | \$ 103.50 | \$ - |
| SP4 | Ea | USDD | 1 | G2 I/O REMOTE Module w/ 8 In & 8 Out | IOR | \$ 1,375.00 | \$ 1,237.50 | \$ 1,237.50 |
| SP5 | Ea | USDD | 5 | Push Button, Standard (Black) | PB-B | \$ 110.00 | \$ 99.00 | \$ 495.00 |
| SP6 | Ea | USDD | 3 | Push Button, Emergency (Red) | PB-R | \$ 110.00 | \$ 99.00 | \$ 297.00 |
| SP7 | Ea | USDD | 1 | G2 MESSAGE REMOTE 2 Module (2017 Version 2) | MR2 | \$ 1,425.00 | \$ 1,282.50 | \$ 1,282.50 |

| | | | | | | | | | |
|-------|----|------|----|---|-------------------|-------------|-------------|-------------|--|
| SP8a | Ea | USDD | 0 | G2 MESSAGE SIGN (Digital LED) MINI GammaSign / 12" Active Screen Width / Turn Out Timing ONLY | MS-G-M | \$ 915.00 | \$ 823.50 | \$ - | |
| SP8b | Ea | USDD | 2 | G2 MESSAGE SIGN (Digital LED) STANDARD GammaSign / 24" Active Screen Width | MS-G-S | \$ 1,050.00 | \$ 945.00 | \$ 1,890.00 | |
| SP8c | Ea | USDD | 0 | G2 MESSAGE SIGN (Digital LED) EXTENDED GammaSign / 36" Active Screen Width | MS-G-E | \$ 1,575.00 | \$ 1,417.50 | \$ - | |
| SP9a | Ea | USDD | 0 | MS-G Adapter Plate, SINGLE. VESA 100, joins (1) MS-G-S (or-E) to any standard mount with VESA 100 hole patterns (mount not included) | MS-AP-S | \$ 55.00 | \$ 49.50 | \$ - | |
| SP9b | Ea | USDD | 1 | MS-G Adapter Plate, DOUBLE, VESA 100, joins (2) MS-G-S (or-E) to any standard mount with VESA 100 hole patterns (mount not included) | MS-AP-D | \$ 65.00 | \$ 58.50 | \$ 58.50 | |
| SP9c | Ea | USDD | 0 | MS-G Hanger Kit. Hangs single or double (back-to-back) Message Signs (Gamma Version) from Ceiling. Includes both suspended ceiling T-Bar Scissor Clips and Hard-Pan Flange Mounts. | MS-HK | \$ 73.00 | \$ 65.70 | \$ - | |
| SP9d | Ea | TBD | 1 | MS Mount - Articulating, Long reach | MS-MNT-ART-L | \$ 325.00 | \$ 292.50 | \$ 292.50 | |
| SP10a | Ea | USDD | 0 | G2 ROOM REMOTE 2 Module / 2017 version 2 | RR2 | \$ 2,025.00 | \$ 1,822.50 | \$ - | |
| SP10b | Ea | USDD | 0 | RR2 Adapter Plate, for Retrofit in RR1 Wall Cavity | RR2-AP | \$ 75.00 | \$ 67.50 | \$ - | |
| SP10c | Ea | USDD | 0 | RR2 Surface Mount Box, for SURFACE MOUNT (hard wall) installation. Three (3) 3/4" conduit knock-outs. | RR2-SMB | \$ 175.00 | \$ 157.50 | \$ - | |
| SP11a | Ea | USDD | 3 | G2 SPEAKER - LED Illuminated - FLUSH Mount, 70v | SPK-LED-FM | \$ 325.00 | \$ 292.50 | \$ 877.50 | |
| SP11b | Ea | USDD | 0 | G2 SPEAKER - LED Illuminated - SURFACE Mount (Metal Box), 70v | SPK-LED-SM | \$ 325.00 | \$ 292.50 | \$ - | |
| SP12a | Ea | USDD | 1 | G2 SPEAKER - OmniAlertStrobe - Omnidirectional Alerting Speaker, optimized for high Vocal Intelligibility in large open indoor areas and with High-Intensity LED Strobe Light Arrays - includes Cable Hanging Kit (requires MR2 for power/signal/control) | SPK-OAS | \$ 875.00 | \$ 787.50 | \$ 787.50 | |
| SP12b | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / BEAM FLANGE CLIP- for mounting directly onto an exposed (1/8-14") I-Beam | SPK-OAS-BFC | \$ 23.00 | \$ 20.70 | \$ - | |
| SP12c | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / DROP CEILING BRACKET- for mounting directly to T-Bar in Suspended Ceiling | SPK-OAS-DCB | \$ 55.00 | \$ 49.50 | \$ - | |
| SP12d | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / SURFACE MOUNT - for mounting directly to hard ceiling | SPK-OAS-SMB | \$ 55.00 | \$ 49.50 | \$ - | |
| SP13a | Ea | USDD | 13 | SPEAKER - STANDARD, FLUSH Mount, 70v | SPK-STD-FM | \$ 105.00 | \$ 94.50 | \$ 1,228.50 | |
| SP13b | Ea | USDD | 0 | SPEAKER - STANDARD, SURFACE Mount (Metal Box), 70v | SPK-STD-SM | \$ 105.00 | \$ 94.50 | \$ - | |
| SP14 | Ea | USDD | 2 | SPEAKER - APP BAY/OUTDOOR - Weatherized, Surface Mount, 70v | SPK-W-SM | \$ 325.00 | \$ 292.50 | \$ 585.00 | |
| SP15 | Ea | USDD | 1 | G2 Strobe Light / Red LED | STR | \$ 575.00 | \$ 517.50 | \$ 517.50 | |
| SP16 | Ea | USDD | 0 | Transformer, 8ohm to 70V, External | XFMR | \$ 53.00 | \$ 47.70 | \$ - | |
| SP17 | Ea | USDD | 0 | VIDEO DOOR STATION - Doorbell & Camera that ties into G2 FSAS (HDTV Remote) - Includes Power Injector | VDS | \$ 1,700.00 | \$ 1,530.00 | \$ - | |

| STATION SYSTEM SERVICES | | | | | | | | | |
|-------------------------|------|------|-----|---|-----------|--------------|-------------|-------------|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| SS1 | Ea | USDD | 0 | Station Installation (N/A - Installation is not assumed or included by USDD. Customer to contract directly with a Certified G2 Installer.) | ST-INST | \$ - | \$ - | \$ - | |
| SS2 | Ea | USDD | 0 | Station Remediation (Removal and Disposal of Legacy Equipment Not currently Assumed or Included, nor is any related Remediation to Paint, Drywall, etc.) | ST-INST | \$ - | \$ - | \$ - | |
| SS3 | Ea | USDD | 1 | Station Configuration & Start-Up | ST-SU | \$ 2,225.32 | \$ 2,002.79 | \$ 2,002.79 | |
| SS4 | Ea | USDD | 1 | Station Project Management | ST-PM | \$ 1,113.07 | \$ 1,001.76 | \$ 1,001.76 | |
| SS5 | Ea | USDD | 1 | Station Engineering / Design Services | ST-ES | \$ 395.42 | \$ 355.88 | \$ 355.88 | |
| SS6 | Ea | USDD | 1 | Station Documentation | ST-DM | \$ 58.72 | \$ 52.85 | \$ 52.85 | |
| SS7a | Ea | USDD | 0 | Station Training - Configuration and Equipment. On-Site @ Station. 4 Hours, 1 Visit. (for Technical Services Staff) | TRA-UT-O | \$ 4,425.00 | \$ 3,982.50 | \$ - | |
| SS7b | Ea | USDD | 0 | Station Training - User/Technician / Remote Refresh (2 Hours) | TRA-UT-R | \$ 650.00 | \$ 585.00 | \$ - | |
| SS8a | Ea | USDD | 0 | Training - Installation Contractor - On-Site / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-O | \$ 6,125.00 | \$ 5,512.50 | \$ - | |
| SS8b | Ea | USDD | 0 | Training - Installation Contractor - At Arizona Training Center / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-AZ | \$ 3,125.00 | \$ 2,812.50 | \$ - | |
| SS9 | Ea | USDD | 0 | Miscellaneous/TBD | MISC | \$ - | \$ - | \$ - | |

| STATION SYSTEM WARRANTY & OPTIONAL RECURRING ANNUAL SUPPORT | | | | | | | | | |
|---|------|------|-----|--|------------|--------------|-------------|---|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| SW1 | YR | USDD | 1.5 | [STANDARD] 1st YEAR WARRANTY & SUPPORT FOR THIS STATION SYSTEM (or component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) PLEASE NOTE: An additional 6 months (for total of 18 months/1.5 years) of initial warranty has been offered by USDD for no additional cost so all stations can be installed and enjoy same warranty/support start/stop dates) | RS-1YR-STD | \$ 3,632.80 | \$ 3,269.52 | 4904.28 but No Charge For Initial Warranty Period / Not Included in Subtotals | |
| SW2 | YR | USDD | 0.0 | [STANDARD] EACH ADDITIONAL YEAR (12-Months) WARRANTY & SUPPORT FOR THIS STATION SYSTEM (or Component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) IF QUANTITY '0' THEN NO ADDITIONAL SUPPORT IS ASSUMED OR AUTHORIZED BEYOND INITIAL WARRANTY PERIOD | RS-AYR-STD | \$ 3,632.80 | \$ 3,269.52 | \$ - | |

| | | | |
|-------------------|--|-------------------------------|---------------------|
| STATION 02 | | System: | \$ 36,108.48 |
| | | Shipping: | \$ 898.00 |
| | | Warranty & Support: | \$ - |
| | | Miscellaneous (if applicable) | \$ - |
| | | STATION SUBTOTAL: | \$ 37,006.48 |

This quote does not include or assume any amounts for **sales or use tax**. Customer needs to contact its procurement department to determine if sales or use tax is payable, and if so, to make the determination of the amount to be paid. Per our contracts, Customer is responsible for the payment of any sales or use taxes owed from any purchase from USDD.

Warranty & Support Notes:

Customer must elect to choose any coverage they require beyond initial warranty period, or USDD will not be authorized to provide any service or support. Mobile Smart Phone Alerting App and Mapping Services only available to customer while under warranty or elected recurring annual support. Support Agreements subject to change if system design is modified. For additional details, please review current USDD Warranty Statement and Service Agreement. USDD cannot warrant nor support any system configuration that deviates from this specific proposal's documented station system design file number. USDD cannot warrant nor support any system not using USDD-approved UPS Battery Backup. USDD cannot warrant nor support any system not installed by G2 Trained & Certified Installation technician (installer). If customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the system until we've had a chance to review documented engineering assumptions and approve system integrity, performance and reliability expectations.

For FSASaaS Program: The cost of service and support beyond initial warranty period is included in the FSASaaS Program for a total of 5 years. The service and support includes Mobile Smart Phone Alerting App and Mapping Services. Please see the FSASaaS Subscription Agreement for more information concerning the service and support provided by USDD. USDD cannot warrant nor support any system not using USDD-approved UPS Battery Backup. USDD cannot warrant nor support any system not installed by G2 Trained & Certified Installation technician (installer). If customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the system until we've had a chance to review documented engineering assumptions and approve system integrity, performance and reliability expectations.

Station System Installation Notes:

- 01 - Unless specifically detailed in this proposal, no installation by USDD or it's subcontractors is assumed or provided.
- 02 - Because these are mission-critical systems, USDD can only warrant and support systems installed by G2 Trained and Certified Contractors.
- 03 - USDD can source, qualify, train and certify Local Licensed Regional Subcontractors where needed.
- 04 - Installation warranted by installation contractor - G2 FSAS warranted, serviced and supported by USDD.
- 05 - Unless specifically detailed in this proposal, installation to be performed during normal working hours.
- 06 - Unless specifically detailed in this proposal, no permit fees or material charges have been included.
- 07 - Unless specifically detailed in this proposal, no removal or remediation has been assumed or included.
- 08 - Unless specifically detailed in this proposal, no bonds of any type (performance, bid) have been assumed, included or budgeted for in this proposal.
- 09 - USDD FSAS Equipment to be made available by owner to Installation Contractor prior to on-site arrival.
- 10 - Structural backing for system devices and other millwork (not specifically detailed) by others.
- 11 - If applicable, Gas Control Shutoff Valve Addendum (to USDD and installation contractor) must be signed prior to installation.
- 12 - All electrical power, including (but not limited to) raceway, conduit, backboxes, service panels, high-voltage wiring and fixtures by others.
- 13 - All communications pathway infrastructure (network, radio, etc.) by others unless specifically detailed in this proposal.
- 14 - USDD cannot warrant nor support any owner-furnished (3rd-Party) system or component we are required to integrate with. USDD cannot warrant nor support any system or component it has not proofed engineering for and has not specifically authorized for use within public safety environments.
- 15 - Any misuse, unauthorized modification, improper installation, excessive shock, attempted repair, accident, or improper or negligent use, storage, transportation, or handling by any party other than USDD shall render this limited warranty null, void and of no further effect

US DIGITAL DESIGNS

1835 E. Sixth St. Suite #27
Tempe, Arizona 85281

877-551-8733 tel 480-290-7892 fax

QUOTE

DATE: 11/30/22
Expires: 2/28/23

Quote SUBMITTED TO:
The City of DeKalb, Illinois
DeKalb Fire Department

REF PROPOSAL

IL_DKLB003 v1

STATION-LEVEL

STATION 03

Based from USDD G2 Fire Station Alerting System Design Drawing # USDD_IL_DKLB.ALL STATIONS.FSA.2022.11.30.pdf

| STATION SYSTEM LICENSES | | | | | | | | |
|-------------------------|-------|------|-----|--|------------|--------------|------------|----------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SL1 | Ea | USDD | 1 | G2 VOICEALERT - Single Station License. | VA | \$ 1,030.00 | \$ 927.00 | \$ 927.00 |
| SL2 | Ea/Yr | USDD | 24 | G2 MOBILE FSAS APP - Single Device License. Up to 24 Licenses-Per-ATX are offered at \$0.00 cost each as long as system is currently under warranty or elected recurring annual support coverage. See 'Mobile' Section for more detail. | G2-APP-DLI | \$ 108.00 | \$ 97.20 | N/A - Included |

| STATION SYSTEM CONTROLLER | | | | | | | | |
|---------------------------|------|------|-----|--|----------|--------------|--------------|--------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SC1 | Kit | USDD | 1 | G2 ATX STATION CONTROLLER - Power/Signal/Control up to 8 peripheral Remote Options. 4 Unique Amps/Zones available. | ATX | \$ 21,750.00 | \$ 19,575.00 | \$ 19,575.00 |
| SC2 | Kit | USDD | 0 | G2 EXPANSION KIT - Allows ability to Power/Signal/Control up to 12 more peripheral Remote options per EXP. | EXP | \$ 7,325.00 | \$ 6,592.50 | \$ - |
| SC3a | Kit | USDD | 0 | Rack Mount Ears for ATX or EXP | ATX-E | \$ 64.00 | \$ 57.60 | \$ - |
| SC3b | Kit | USDD | 0 | Base Plate for ATX or EXP | ATX-P | \$ 64.00 | \$ 57.60 | \$ - |
| SC4a | Ea | TBD | 1 | ATX UPS, Standard | UPS-STD | \$ 923.00 | \$ 830.70 | \$ 830.70 |
| SC4b | Ea | TBD | 1 | Shelf/Bracket, Wall-Mount for UPS | UPS-WMB | \$ 65.00 | \$ 58.50 | \$ 58.50 |

| STATION SYSTEM PERIPHERAL COMPONENTS | | | | | | | | |
|--------------------------------------|------|------|-----|--|----------|--------------|-------------|-------------|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT |
| SP1a | Ea | TBD | 0 | Audio Amplifier, External, Standard | AMP | \$ 987.00 | \$ 888.30 | \$ - |
| SP1b | Ea | TBD | 0 | Shelf, Under Table or Wall Mount, for 1U 1/2 Rack | AMP-S | \$ 76.00 | \$ 68.40 | \$ - |
| SP2 | Ea | USDD | 0 | G2 COLOR INDICATOR REMOTE Module - Up to 8 unique colors | CIR | \$ 825.00 | \$ 742.50 | \$ - |
| SP3a | Ea | USDD | 2 | G2 HDTV REMOTE Module (TV & Electrical Outlet by Others; C.E.C. control subject to TV ability) | TVR | \$ 975.00 | \$ 877.50 | \$ 1,755.00 |
| SP3b | Ea | TBD | 0 | Flat Panel Monitor / Smart HDTV 40-43" (Electrical Outlet/Provision By Others; C.E.C. control subject to TV ability) | FP-43 | \$ 1,100.00 | \$ 990.00 | \$ - |
| SP3c | Ea | TBD | 0 | Flat Panel/TV Mount - Universal 23"-46" Tilt | FPM-U | \$ 115.00 | \$ 103.50 | \$ - |
| SP4 | Ea | USDD | 1 | G2 I/O REMOTE Module w/ 8 In & 8 Out | IOR | \$ 1,375.00 | \$ 1,237.50 | \$ 1,237.50 |
| SP5 | Ea | USDD | 3 | Push Button, Standard (Black) | PB-B | \$ 110.00 | \$ 99.00 | \$ 297.00 |
| SP6 | Ea | USDD | 2 | Push Button, Emergency (Red) | PB-R | \$ 110.00 | \$ 99.00 | \$ 198.00 |
| SP7 | Ea | USDD | 2 | G2 MESSAGE REMOTE 2 Module (2017 Version 2) | MR2 | \$ 1,425.00 | \$ 1,282.50 | \$ 2,565.00 |

| | | | | | | | | | |
|-------|----|------|----|---|-------------------|-------------|-------------|-------------|--|
| SP8a | Ea | USDD | 0 | G2 MESSAGE SIGN (Digital LED) MINI GammaSign / 12" Active Screen Width / Turn Out Timing ONLY | MS-G-M | \$ 915.00 | \$ 823.50 | \$ - | |
| SP8b | Ea | USDD | 2 | G2 MESSAGE SIGN (Digital LED) STANDARD GammaSign / 24" Active Screen Width | MS-G-S | \$ 1,050.00 | \$ 945.00 | \$ 1,890.00 | |
| SP8c | Ea | USDD | 0 | G2 MESSAGE SIGN (Digital LED) EXTENDED GammaSign / 36" Active Screen Width | MS-G-E | \$ 1,575.00 | \$ 1,417.50 | \$ - | |
| SP9a | Ea | USDD | 0 | MS-G Adapter Plate, SINGLE. VESA 100, joins (1) MS-G-S (or-E) to any standard mount with VESA 100 hole patterns (mount not included) | MS-AP-S | \$ 55.00 | \$ 49.50 | \$ - | |
| SP9b | Ea | USDD | 1 | MS-G Adapter Plate, DOUBLE, VESA 100, joins (2) MS-G-S (or-E) to any standard mount with VESA 100 hole patterns (mount not included) | MS-AP-D | \$ 65.00 | \$ 58.50 | \$ 58.50 | |
| SP9c | Ea | USDD | 0 | MS-G Hanger Kit. Hangs single or double (back-to-back) Message Signs (Gamma Version) from Ceiling. Includes both suspended ceiling T-Bar Scissor Clips and Hard-Pan Flange Mounts. | MS-HK | \$ 73.00 | \$ 65.70 | \$ - | |
| SP9d | Ea | TBD | 1 | MS Mount - Articulating, Long reach | MS-MNT-ART-L | \$ 325.00 | \$ 292.50 | \$ 292.50 | |
| SP10a | Ea | USDD | 0 | G2 ROOM REMOTE 2 Module / 2017 version 2 | RR2 | \$ 2,025.00 | \$ 1,822.50 | \$ - | |
| SP10b | Ea | USDD | 0 | RR2 Adapter Plate, for Retrofit in RR1 Wall Cavity | RR2-AP | \$ 75.00 | \$ 67.50 | \$ - | |
| SP10c | Ea | USDD | 0 | RR2 Surface Mount Box, for SURFACE MOUNT (hard wall) installation. Three (3) 3/4" conduit knock-outs. | RR2-SMB | \$ 175.00 | \$ 157.50 | \$ - | |
| SP11a | Ea | USDD | 5 | G2 SPEAKER - LED Illuminated - FLUSH Mount, 70v | SPK-LED-FM | \$ 325.00 | \$ 292.50 | \$ 1,462.50 | |
| SP11b | Ea | USDD | 0 | G2 SPEAKER - LED Illuminated - SURFACE Mount (Metal Box), 70v | SPK-LED-SM | \$ 325.00 | \$ 292.50 | \$ - | |
| SP12a | Ea | USDD | 2 | G2 SPEAKER - OmniAlertStrobe - Omnidirectional Alerting Speaker, optimized for high Vocal Intelligibility in large open indoor areas and with High-Intensity LED Strobe Light Arrays - includes Cable Hanging Kit (requires MR2 for power/signal/control) | SPK-OAS | \$ 875.00 | \$ 787.50 | \$ 1,575.00 | |
| SP12b | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / BEAM FLANGE CLIP- for mounting directly onto an exposed (1/8-14") I-Beam | SPK-OAS-BFC | \$ 23.00 | \$ 20.70 | \$ - | |
| SP12c | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / DROP CEILING BRACKET- for mounting directly to T-Bar in Suspended Ceiling | SPK-OAS-DCB | \$ 55.00 | \$ 49.50 | \$ - | |
| SP12d | Ea | USDD | 0 | SPK-OAS/OmniStrobe Mounting Bracket / SURFACE MOUNT - for mounting directly to hard ceiling | SPK-OAS-SMB | \$ 55.00 | \$ 49.50 | \$ - | |
| SP13a | Ea | USDD | 13 | SPEAKER - STANDARD, FLUSH Mount, 70v | SPK-STD-FM | \$ 105.00 | \$ 94.50 | \$ 1,228.50 | |
| SP13b | Ea | USDD | 0 | SPEAKER - STANDARD, SURFACE Mount (Metal Box), 70v | SPK-STD-SM | \$ 105.00 | \$ 94.50 | \$ - | |
| SP14 | Ea | USDD | 4 | SPEAKER - APP BAY/OUTDOOR - Weatherized, Surface Mount, 70v | SPK-W-SM | \$ 325.00 | \$ 292.50 | \$ 1,170.00 | |
| SP15 | Ea | USDD | 1 | G2 Strobe Light / Red LED | STR | \$ 575.00 | \$ 517.50 | \$ 517.50 | |
| SP16 | Ea | USDD | 0 | Transformer, 8ohm to 70V, External | XFMR | \$ 53.00 | \$ 47.70 | \$ - | |
| SP17 | Ea | USDD | 0 | VIDEO DOOR STATION - Doorbell & Camera that ties into G2 FSAS (HDTV Remote) - Includes Power Injector | VDS | \$ 1,700.00 | \$ 1,530.00 | \$ - | |

| STATION SYSTEM SERVICES | | | | | | | | | |
|-------------------------|------|------|-----|---|-----------|--------------|-------------|-------------|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| SS1 | Ea | USDD | 0 | Station Installation (N/A - Installation is not assumed or included by USDD. Customer to contract directly with a Certified G2 Installer.) | ST-INST | \$ - | \$ - | \$ - | |
| SS2 | Ea | USDD | 0 | Station Remediation (Removal and Disposal of Legacy Equipment Not currently Assumed or Included, nor is any related Remediation to Paint, Drywall, etc.) | ST-INST | \$ - | \$ - | \$ - | |
| SS3 | Ea | USDD | 1 | Station Configuration & Start-Up | ST-SU | \$ 2,225.32 | \$ 2,002.79 | \$ 2,002.79 | |
| SS4 | Ea | USDD | 1 | Station Project Management | ST-PM | \$ 1,113.07 | \$ 1,001.76 | \$ 1,001.76 | |
| SS5 | Ea | USDD | 1 | Station Engineering / Design Services | ST-ES | \$ 395.42 | \$ 355.88 | \$ 355.88 | |
| SS6 | Ea | USDD | 1 | Station Documentation | ST-DM | \$ 58.72 | \$ 52.85 | \$ 52.85 | |
| SS7a | Ea | USDD | 0 | Station Training - Configuration and Equipment. On-Site @ Station. 4 Hours, 1 Visit. (for Technical Services Staff) | TRA-UT-O | \$ 4,425.00 | \$ 3,982.50 | \$ - | |
| SS7b | Ea | USDD | 0 | Station Training - User/Technician / Remote Refresh (2 Hours) | TRA-UT-R | \$ 650.00 | \$ 585.00 | \$ - | |
| SS8a | Ea | USDD | 0 | Training - Installation Contractor - On-Site / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-O | \$ 6,125.00 | \$ 5,512.50 | \$ - | |
| SS8b | Ea | USDD | 0 | Training - Installation Contractor - At Arizona Training Center / USDD G2 Certification / 8 Hours (TBD - only needed if required to use non-certified contractor) | TRA-IC-AZ | \$ 3,125.00 | \$ 2,812.50 | \$ - | |
| SS9 | Ea | USDD | 0 | Miscellaneous/TBD | MISC | \$ - | \$ - | \$ - | |

| STATION SYSTEM WARRANTY & OPTIONAL RECURRING ANNUAL SUPPORT | | | | | | | | | |
|---|------|------|-----|--|------------|--------------|-------------|---|--|
| Item | Unit | Mfr | Qty | Description | Part No. | US List Unit | QUOTE UNIT | QUOTE EXT | |
| SW1 | YR | USDD | 1.5 | [STANDARD] 1st YEAR WARRANTY & SUPPORT FOR THIS STATION SYSTEM (or component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) PLEASE NOTE: An additional 6 months (for total of 18 months/1.5 years) of initial warranty has been offered by USDD for no additional cost so all stations can be installed and enjoy same warranty/support start/stop dates) | RS-1YR-STD | \$ 3,959.80 | \$ 3,563.82 | 5345.73 but No Charge For Initial Warranty Period / Not Included in Subtotals | |
| SW2 | YR | USDD | 0.0 | [STANDARD] EACH ADDITIONAL YEAR (12-Months) WARRANTY & SUPPORT FOR THIS STATION SYSTEM (or Component): Telephone / Remote Access Support (8:00 AM - 5:00 PM MST) IF QUANTITY '0' THEN NO ADDITIONAL SUPPORT IS ASSUMED OR AUTHORIZED BEYOND INITIAL WARRANTY PERIOD | RS-AYR-STD | \$ 3,959.80 | \$ 3,563.82 | \$ - | |

| | | | |
|-------------------|--|-------------------------------|---------------------|
| STATION 03 | | System: | \$ 39,051.48 |
| | | Shipping: | \$ 995.00 |
| | | Warranty & Support: | \$ - |
| | | Miscellaneous (if applicable) | \$ - |
| | | STATION SUBTOTAL: | \$ 40,046.48 |

This quote does not include or assume any amounts for **sales or use tax**. Customer needs to contact its procurement department to determine if sales or use tax is payable, and if so, to make the determination of the amount to be paid. Per our contracts, Customer is responsible for the payment of any sales or use taxes owed from any purchase from USDD.

Warranty & Support Notes:

Customer must elect to choose any coverage they require beyond initial warranty period, or USDD will not be authorized to provide any service or support. Mobile Smart Phone Alerting App and Mapping Services only available to customer while under warranty or elected recurring annual support. Support Agreements subject to change if system design is modified. For additional details, please review current USDD Warranty Statement and Service Agreement. USDD cannot warrant nor support any system configuration that deviates from this specific proposal's documented station system design file number. USDD cannot warrant nor support any system not using USDD-approved UPS Battery Backup. USDD cannot warrant nor support any system not installed by G2 Trained & Certified Installation technician (installer). If customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the system until we've had a chance to review documented engineering assumptions and approve system integrity, performance and reliability expectations.

For FSASaaS Program: The cost of service and support beyond initial warranty period is included in the FSASaaS Program for a total of 5 years. The service and support includes Mobile Smart Phone Alerting App and Mapping Services. Please see the FSASaaS Subscription Agreement for more information concerning the service and support provided by USDD. USDD cannot warrant nor support any system not using USDD-approved UPS Battery Backup. USDD cannot warrant nor support any system not installed by G2 Trained & Certified Installation technician (installer). If customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the system until we've had a chance to review documented engineering assumptions and approve system integrity, performance and reliability expectations.

Station System Installation Notes:

- 01 - Unless specifically detailed in this proposal, no installation by USDD or it's subcontractors is assumed or provided.
- 02 - Because these are mission-critical systems, USDD can only warrant and support systems installed by G2 Trained and Certified Contractors.
- 03 - USDD can source, qualify, train and certify Local Licensed Regional Subcontractors where needed.
- 04 - Installation warranted by installation contractor - G2 FSAS warranted, serviced and supported by USDD.
- 05 - Unless specifically detailed in this proposal, installation to be performed during normal working hours.
- 06 - Unless specifically detailed in this proposal, no permit fees or material charges have been included.
- 07 - Unless specifically detailed in this proposal, no removal or remediation has been assumed or included.
- 08 - Unless specifically detailed in this proposal, no bonds of any type (performance, bid) have been assumed, included or budgeted for in this proposal.
- 09 - USDD FSAS Equipment to be made available by owner to Installation Contractor prior to on-site arrival.
- 10 - Structural backing for system devices and other millwork (not specifically detailed) by others.
- 11 - If applicable, Gas Control Shutoff Valve Addendum (to USDD and installation contractor) must be signed prior to installation.
- 12 - All electrical power, including (but not limited to) raceway, conduit, backboxes, service panels, high-voltage wiring and fixtures by others.
- 13 - All communications pathway infrastructure (network, radio, etc.) by others unless specifically detailed in this proposal.
- 14 - USDD cannot warrant nor support any owner-furnished (3rd-Party) system or component we are required to integrate with. USDD cannot warrant nor support any system or component it has not proofed engineering for and has not specifically authorized for use within public safety environments.
- 15 - Any misuse, unauthorized modification, improper installation, excessive shock, attempted repair, accident, or improper or negligent use, storage, transportation, or handling by any party other than USDD shall render this limited warranty null, void and of no further effect.

US DIGITAL DESIGNS

1835 E. Sixth St. Suite #27
Tempe, Arizona 85281

877-551-8733 tel 480-290-7892 fax

QUOTE

DATE: 11/30/22

Expires: 2/28/23

Quote SUBMITTED TO:

The City of DeKalb, Illinois

DeKalb Fire Department

REF PROPOSAL

IL_DKLB003 v1

Section Totals

| SECTION TOTALS | |
|---|--|
| [UNLESS OTHERWISE NOTED, ALL PRICES ARE \$US] | |
| PRIMARY-DISPATCH-LEVEL SUBTOTAL | |
| 53,175.44 | |
| Includes: PRIMARY DISPATCH G2 FSA SYSTEM : | |
| 53,175.44 | |
| PRIMARY DISPATCH MOBILE APP SERVICE : | |
| - | |
| PRIMARY DISPATCH MAPPING SERVICE : | |
| - | |
| PRIMARY DISPATCH WARRANTY & SUPPORT : | |
| - | |
| PRIMARY DISPATCH G2 FSA SYSTEM MISC: | |
| - | |
| Notes: One (1) Dispatch Center System currently included in this proposal. No backup or disaster-recovery dispatch systems have been requested, assumed or included in this proposal. | |
| STATION-LEVEL SUBTOTAL | |
| 124,556.94 | |
| Includes: STATION 01 SYSTEM: | |
| 47,503.98 | |
| STATION 01 WARRANTY & SUPPORT: | |
| - | |
| STATION 01 MISC.: | |
| - | |
| Includes: STATION 02 SYSTEM: | |
| 37,006.48 | |
| STATION 02 WARRANTY & SUPPORT: | |
| - | |
| STATION 02 MISC.: | |
| - | |
| Includes: STATION 03 SYSTEM: | |
| 40,046.48 | |
| STATION 03 WARRANTY & SUPPORT: | |
| - | |
| STATION 03 MISC.: | |
| - | |
| Notes: Three (3) Station Systems currently included in this proposal. Installation is not assumed or included by USDD. Customer to contract directly with a Certified G2 Installer. | |
| US Digital Designs System Total: \$ 177,732.38 | |

This quote does not include or assume any amounts for sales or use tax. Customer needs to contact its procurement department to determine if sales or use tax is payable, and if so, to make the determination of the amount to be paid. Per our contracts, Customer is responsible for the payment of any sales or use taxes owed from any purchase from USDD.

(TBD By Customer) Customer must elect to choose any coverage they require beyond initial warranty period, or USDD will not be authorized to provide any service or support. Mobile Smart Phone Alerting App and Mapping Services only available to customer while under warranty or elected recurring annual support. Support Agreements subject to change if system design is modified. For additional details, please review current USDD Warranty Statement and Service Agreement

TERMS AND CONDITIONS OF USDD PRODUCT SALES

These U.S. Digital Designs, Inc. terms and conditions of sale ("Terms and Conditions") are effective March 1, 2022 (the "**Terms and Conditions Effective Date**"), and supersede all prior versions covering the sale of products and related services (collectively, "**Products**", as defined more specifically below) by U.S. Digital Designs, Inc. ("**USDD**"). References to "**Customer**", "**you**", or "**your**" all pertain to the purchaser of Products. These Terms and Conditions, together with any separate agreement you may have with USDD that specifically references these Terms and Conditions (collectively, the "**Agreement**") set forth the entire agreement between the parties relating to your purchase of USDD Products. The Agreement may only be modified by an authorized representative of each party in a signed writing.

ORDERS. Orders (including any revised and follow-on orders) (each, an "**Order**") for USDD Products are non-cancelable, except as expressly set forth herein, and will be governed by the terms of the Agreement. All Orders are subject to acceptance by USDD and shall include the following information: purchase order number; customer's legal name and billing address; Customer's shipping address; and a list of the Products and quantities for each different type of Product Customer wishes to order. USDD's acknowledgment of its receipt of an Order shall not constitute acceptance of such Order. An Order is deemed to be accepted upon the earlier of (i) USDD's written acceptance or (ii) shipment of the Products specified in the Order.

Any conflicting, additional, and/or different terms or conditions on Customer's Order or any other similar instrument are deemed to be material alterations and are rejected and not binding upon USDD. USDD's acceptance of Customer's Order is expressly conditioned upon Customer's assent to the terms and conditions contained herein in their entirety. Customer's acceptance of delivery from USDD constitutes Customer's acceptance of these terms and conditions in their entirety.

REMITTANCES. All invoices shall be due and payable upon receipt in United States currency, free of exchange or any other charges, or as otherwise agreed in writing by USDD.

QUOTE PRICING. This proposal expires 30 days after its date. Prices are subject to correction for error. Prices, terms, conditions, and Product or Service specifications are subject to change without notice. Pricing is subject to immediate change upon announcement of Product discontinuance.

PAYMENT.

- 4.1. **Invoicing & Payment.** USDD reserves the right to invoice Customer monthly for all materials delivered. Invoices are due thirty (30) days from the date of the invoice, unless prepayment is required in the quote. If the Customer becomes overdue in any progress payment, USDD shall be entitled to suspend further shipments, shall be entitled to interest at the annual rate of 18%, or the maximum amount allowed by law, and shall also be entitled to avail itself of any other legal or equitable remedies. Customer agrees that it will pay and/or reimburse USDD for any and all reasonable attorneys' fees and costs which are incurred by USDD in the collection of amounts due and payable hereunder.
- 4.2. **Payment Disputes.** Any disputes must be provided to USDD as soon as possible and must be accompanied by detailed supporting information. Disputes as to invoices are deemed waived fifteen (15) days following the invoice date. In the event that any portion of an invoice is undisputed, such undisputed amount must be paid by no later than the invoice due date.
- 4.3. **No Set Off.** Neither Customer nor any related entities (or representatives or agents thereof) shall attempt to set off or recoup any invoiced amounts or any portion thereof against other amounts that are due or may become due from USDD, its parent, affiliates, subsidiaries or other legal entities, business divisions, or units.
- 4.4. **Credit Card Payments.** All USDD quotes are developed for the Customer with the understanding the eventual any purchase of the Products listed thereon will be facilitated using subject to USDD's standard Purchase Order and Invoice process. If Customer would rather seek to use a Credit Card for purchase, then said order would be subject to a 4% credit card surcharge.

SURCHARGES.

- 5.1. In addition to any Product repricing under Section 8.2, USDD may, from time-to-time and in its sole discretion, issue surcharges on new and existing Orders in order to mitigate and/or recover increased operating costs arising out of or related to, without limitation: (a) foreign currency exchange variation, (b) increased cost of third-party content, labor and materials, (c) impact of government tariffs or other actions, and (d) any conditions that increase USDD's costs, including without limitation increased labor, freight, material or supply costs, or increased costs due to inflation (collectively, "**Surcharges**"). Such Surcharges will not be considered a "price increase" as contemplated hereunder and will be effective upon notice to Customer. For avoidance of doubt, Orders placed prior to the Terms and Conditions Effective Date which have not been delivered, including those on backlog or which requested delivery more than twelve (12) months from the date of Order, are subject to Surcharges.

- 5.2. USDD will invoice Customer, and Buyer agrees to pay for any Surcharges pursuant to the standard payment terms in these Terms and Conditions. If a dispute arises with respect to Surcharges and that dispute remains open for more than fifteen (15) days, USDD may, in its sole discretion, withhold performance or future shipments, or combine any other rights and remedies under this Agreement or permitted by law, until the dispute is resolved. The terms of this Section shall prevail in the event of inconsistency with any other terms in these Terms and Conditions. Any Surcharges, as well as the timing, effectiveness, and method of determination thereof, will be separate from and in addition to any changes to pricing that are affected by any other provisions in these Terms and Conditions.

CANCELLATION AND SUSPENSION. Any Order resulting from this proposal is subject to cancellation or instructions to suspend work by the Customer only upon agreement to pay USDD for all work in progress, all inventoried or ordered project parts and materials, and all other costs incurred by USDD related to the Order.

TAXES. USDD's pricing excludes all taxes (including but not limited to sales, use, excise, value-added, and other similar taxes), tariffs and duties (including, but not limited to, amounts imposed upon the Product(s) or bill of material thereof under any Trade Act, including, but not limited to, the Trade Expansion Act, section 232 and the Trade Act of 1974, section 301) and charges (collectively "**Taxes**"). All Taxes of any kind levied by any federal, state, municipal or other governmental authority, which tax USDD is required to collect or pay with respect to the production, sale, or delivery of products sold to Customer, shall be the responsibility of and be invoiced to Customer, unless, at the time of Order placement, Customer furnishes USDD with a valid exemption certificate or other documentation sufficient to verify exemption from Taxes, including, but not limited to, a direct pay permit. Customer agrees to pay all such Taxes and further agrees to reimburse USDD for any such payments made by USDD.

SHIPPING/DELIVERY/RISK OF LOSS.

- 8.1. **Delivery Liability.** Delivery and shipment dates for Products are estimates only. Deliveries may be made in partial shipments. USDD and its affiliated entities are not liable, either directly or indirectly, for delays of carriers or delays in connection with any Force Majeure Event (as defined in Section 17 below), and the estimated delivery date shall be extended accordingly.
- 8.2. **Future Delivery and Repricing.** USDD will schedule delivery in accordance with its standard lead times unless the Order states a later delivery date or the parties otherwise agree in writing. USDD will accept Orders with a future ship date of up to eighteen (18) months from the date of the entry of the Order. Customer agrees that in the event an Order is scheduled to be delivered more than six (6) months from the date of the entry of the Order, USDD may, in its sole determination and at each six (6) month anniversary of the date of the entry of the Order, adjust the pricing of the Order to conform to the then-current prices of the USDD Products included in the Order. USDD will include any repricing in its final invoice related to the Order.
- 8.3. **Storage Fees.** If delivery takes place more than six (6) months from the date of the entry of the Order, Customer agrees to pay USDD a storage fee (the "Storage Fee"), as set forth in the quote, for each month after six (6) months from the date of the entry of the Order Customer has not taken delivery of the Products in the Order. USDD will separately invoice any storage fees owed under this Section at the end of each month for which the storage fees are owed.
- 8.4. **Title & Risk of Loss.** Unless otherwise specifically detailed in this quote, delivery terms for Products (excluding software and services) are (i) EX Works (EXW Incoterms 2020) USDD's point of shipment ("USDD Dock") for all shipments (except that USDD is responsible for obtaining any export license), and (ii) F.O.B. USDD Dock for all domestic shipments. For shipments from a USDD Dock to a Buyer location within the same country, the import/export provisions of the INCOTERMS do not apply. USDD shall be responsible for obtaining insurance on each shipment to Customer for the full value of the shipment. Shipment shall be to a single point of delivery.

LIMITED WARRANTY. CUSTOMER'S EXCLUSIVE REMEDIES AND USDD'S SOLE LIABILITY AS TO ANY WARRANTY CLAIM ON ANY PRODUCT SOLD IN CONNECTION WITH THIS QUOTE IS AS SET FORTH IN THIS SECTION. SUCH REMEDIES ARE IN LIEU OF ANY OTHER LIABILITY OR OBLIGATION OF USDD, INCLUDING WITHOUT LIMITATION ANY LIABILITY OR OBLIGATION FOR DAMAGE, LOSS, OR INJURY (WHETHER DIRECT, INDIRECT, EXEMPLARY, SPECIAL, CONSEQUENTIAL, PUNITIVE OR INCIDENTAL) ARISING OUT OF OR IN CONNECTION WITH THE DELIVERY, USE, OR PERFORMANCE OF THE PRODUCTS. CREDIT, REPAIR OR REPLACEMENT (AT USDD'S OPTION) IS THE SOLE REMEDY PROVIDED HEREUNDER. NO EXTENSION OF THIS WARRANTY WILL BE BINDING UPON USDD UNLESS SET FORTH IN WRITING AND SIGNED BY A USDD AUTHORIZED REPRESENTATIVE.

- 9.1. **Product Warranty Terms.** Subject to the terms, conditions and limitations contained herein, and unless USDD has otherwise provided an alternative written warranty (in which case the terms of such warranty will control), USDD warrants and guarantees its products will be free from defects in workmanship and materials (collectively, "**Defects**") for 12 months from the date of shipment to Customer ("**Warranty Period**"). This limited warranty does not cover defects caused by normal wear and tear or maintenance.

- 9.2. Product Defects.** If a Defect with a Product arises and a valid claim is made within the Warranty Period, Customer shall initiate the RMA process as described below. Upon approval, USDD, at its option, will either (1) repair the Product defect at no charge, using new parts or parts equivalent to new in performance and reliability or (2) exchange the Product with a Product that is new or equivalent to new in performance and reliability and is at least functionally equivalent to the original Product. Any replacement Product or part, including a user-installable part that has been installed in accordance with instructions provided by USDD, shall remain under warranty during the Warranty Period or for ninety (90) days from the date of repair, whichever is longer. When a Product or part is exchanged, any replacement item becomes the Customer's property and the replaced item becomes the property of USDD. Parts provided by USDD in fulfillment of its warranty obligation must be used in the same USDD Fire Station Alerting System for which the warranty claim is made.
- 9.3. Procedure for Warranty Claims.**
- 9.3.1.** Prior to making a Warranty claim, Customer is encouraged to review USDD's online help resources. Thereafter, to make a valid claim hereunder, Customer must contact USDD technical support and describe the problem or defect with specificity. The first such contact must occur during the Warranty Period. USDD's technical support contact information can be found on USDD's web site at <http://stationalerting.com/home/about-usdd/contact-usdd/>. Customer must use its best efforts to assist in diagnosing defects, follow USDD's technical instructions, and fully cooperate in the diagnostic process. Failure to do so shall relieve USDD of any further obligation hereunder.
- 9.3.2.** Customer shall be responsible for appropriately packing and shipping Products, to USDD for repair, and shall bear all risks and costs associated withof, shipping any Product to USDD for repairthe same. USDD shall be responsible for, and bear all risks and costs of, returning any Product to Customer after repair or replacement, but Customer will be responsible for paying any customs or import duties payable upon receipt of any repaired or replacement Products. A replacement Product will be returned to Customer configured as it was when the Product was originally purchased, subject to applicable updates.
- 9.4. Return Material Authorization Process.** If a Customer makes a warranty claim for a Product during the Warranty Period, the Customer shall provide USDD with the Product model and serial number and failure information to initiate the RMA process. Upon USDD's issuance of the RMA, USDD will send the replacement Product, shipped postage paid ground shipping, to the address provided by Customer. RMA requests approved between 12:00 a.m. and 2:00 p.m. Mountain Standard Time are shipped on the same business day. After 2:00 p.m. Mountain Standard Time, the replacement Product is shipped on the next business day. All RMA requests are processed on the business day on which the request was received, excluding holidays. Included with the shipped package will be return shipment instructions and a pre-paid return shipping label for the Product that the Customer is returning. The original Product must be returned in the shipping box provided by USDD. No goods will be accepted for exchange or return without a pre-approved RMA number or which have not been properly packaged in USDD's shipping box to ensure that goods are not damaged due to improper packing and the shipping process. The original Product must be shipped back within 10 days of receiving the replacement. Failure to return the original Product, or failure to return in an appropriate manner, will cause Customer to incur a replacement charge equal to full market value of the replacement Product.
- 9.5. No Fault Found.** USDD reserves the right to charge 50% of the standard repair price if the returned Product is found to have no defect covered by the Warranty. Customer understands that this fee is intended to discourage return of Products prior to proper troubleshooting or return because the product is "old." Product returns will not be allowed if, upon examination of the returned Product, it is determined that the Product was subjected to accident, misuse, neglect, alteration, improper installation, unauthorized repair, improper testing, or poor packaging upon return. In such event, USDD shall invoice Customer for the full market value of the replacement Product.
- 9.6. WARRANTY EXCLUSIONS & DISCLAIMERS.**
- 9.6.1.** USDD does not warrant that the operation of its Products or any related peripherals will be uninterrupted or error-free. USDD further does not warrant nor support any system configuration that deviates from this specific quote's documented station system design file number.
- 9.6.2.** USDD does not warrant or support any system not installed by G2 Trained & Certified Installation technician (installer). If Customer intends to tie this system into any 3rd-party system or devices, USDD will be unable to warrant or support the Products unless USDD has had a chance to review documented engineering assumptions and approve system integrity, performance, and reliability expectations.
- 9.6.3.** USDD is not responsible for damage arising from Customer's failure to follow instructions relating to the use of the Products. This Warranty does not apply to any Products, including the hardware or software, not used for its intended purpose.
- 9.6.4.** USDD cannot warrant nor support any system not using USDD-approved Uninterruptable Power Supply Battery Backup. This Warranty does not apply to monitors or televisions manufactured by third parties. Repair or replacement of such components shall be subject exclusively to the manufacturer's warranty, if any. Recovery and reinstallation of hardware and user data (including passwords) are not covered under this Warranty.

9.6.5. This Warranty does not apply: (a) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship; (b) to cosmetic damage, including but not limited to scratches, dents and broken plastic on ports; (c) to damage caused by use with non-USDD products; (d) to damage caused by accident, abuse, misuse, flood, lightning, fire, earthquake or other external causes; (e) to damage caused by operating the Product outside the permitted or intended uses described by USDD; (f) to damage or failure caused by installation or service (including upgrades and expansions) performed by anyone who is not a representative of USDD or a USDD authorized installer or service provider; (g) to a Product or part that has been modified to alter functionality or capability without the written permission of USDD; (h) to Software (as defined below); (i) to any other damage caused by an event or action outside of USDD's control, including, without limitation, Customer's failure to apply required or recommended updates or patches to any Software or Product; or (h) if any serial number has been removed or defaced.

LIMITATIONS OF LIABILITY. TO THE EXTENT PERMITTED BY LAW, THE LIMITED WARRANTY IN SECTION 9 OF THESE TERMS AND CONDITIONS AND ANY OTHER REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, **USDD SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS.** If USDD cannot lawfully disclaim statutory or implied warranties, then to the extent permitted by law, all such warranties shall be limited in duration to the duration of this express Warranty and to repair or replacement service as determined by USDD in its sole discretion. No reseller, agent, or employee is authorized to make any modification, extension, or addition to this Warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

EXCEPT AS PROVIDED IN THE LIMITED WARRANTY IN SECTION 9 OF THESE TERMS AND CONDITIONS, AND TO THE EXTENT PERMITTED BY LAW, USDD IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF GOODWILL; LOSS OF REPUTATION; AND LOSS OF, DAMAGE TO OR CORRUPTION OF DATA. USDD IS NOT RESPONSIBLE FOR ANY INDIRECT LOSS OR DAMAGE HOWSOEVER CAUSED, INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY, ANY COSTS OF RECOVERING PROGRAMMING OR REPRODUCING ANY PROGRAM OR DATA STORED OR USED WITH USDD PRODUCTS, AND ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF DATA STORED ON THE PRODUCT.

ALL PRODUCT CLAIMS ARE LIMITED TO THOSE EXCLUSIVE REMEDIES SET FORTH IN THE LIMITED WARRANTY IN SECTION 9 OF THESE TERMS AND CONDITIONS. USDD'S AGGREGATE LIABILITY IN CONNECTION WITH THEREWITH SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCTS PAID BY CUSTOMER TO USDD FOR THE PRODUCTS GIVING RISE TO THE CLAIM. CUSTOMER SHALL NOT BRING A LEGAL OR EQUITABLE ACTION AGAINST USDD MORE THAN ONE YEAR AFTER THE FIRST EVENT GIVING RISE TO A CAUSE OF ACTION, UNLESS A SHORTER LIMITATIONS PERIOD IS PROVIDED BY APPLICABLE LAW. USDD disclaims any representation that it will be able to repair any Hardware under this Warranty or make a product exchange without risk to or loss of the programs or data stored thereon.

SERVICE AGREEMENT. The Product being purchased hereunder is not subject to any post-Warranty service agreement or maintenance program unless specifically contracted for between USDD and Customer. USDD offers a comprehensive post-Warranty Service Agreement at additional cost. Customer should contact USDD regarding its Service Agreement and costs associated therewith.

SOFTWARE PRODUCTS. All software Products delivered by USDD to Customer or for which USDD provides access, including, without limitation, USDD's mobile application software and Products with embedded software or firmware (collectively, "**Software**") are not sold and are licensed. At all times that Customer is in compliance with the terms of these Terms and Conditions and any other agreement between the parties, Customer shall have a non-exclusive, non-transferable, fully paid license to use the Software, but only in conjunction with the Products provided by USDD and Customer's fire station alerting system (the "**License**"). The terms of such Software License may be set forth in a separate software license agreement or end user license agreement provided by USDD with such Software. In no event shall Customer have any right to (or authorize or allow any third party to) distribute, sell, lend, rent, transfer, or convey the Software; grant any sublicense, lease, or other rights in the Software; decompile, disassemble, reverse engineer, or otherwise attempt to reconstruct, identify, or discover any source code, underlying user interface architecture or techniques, or algorithms of the Software by any means; or take any action that would cause the Software or any portion of it to be placed in the public domain. In the event of a conflict between the terms of any Software license terms provided upon download or purchase a purchase and these Terms and Conditions, the relevant Software license terms shall control solely with respect to such Software.

INTELLECTUAL PROPERTY: Customer hereby agrees and acknowledges that USDD owns all rights, title, and interest in and to the Intellectual Property (as defined below). Customer agrees to not remove, obscure, or alter USDD's or any third party's copyright notice, trademarks, or other proprietary rights notices affixed to or contained within or accessed in conjunction with or through USDD's Product (as defined below). Nothing herein shall be deemed to give, transfer, or convey to Customer any rights in the Intellectual Property other than the License, as set forth above. For purposes of this Section, "**Intellectual Property**" means any and all rights of USDD related to USDD's Products existing from time to time under patent law, copyright law, trade secret law, trademark law, unfair competition law, and any and all other proprietary rights, and any and all derivative works, work product, applications, renewals, extensions and restorations thereof, now or hereafter in force and effective worldwide.

REMOTE ACCESS TO THE SYSTEM.

- 14.1. Remote Access.** USDD requires remote network access to the Customer's Products through Secure Shell (SSH) to perform implementation and support tasks under this Agreement. To enable remote network access, the Customer will provide USDD support personnel VPN or similar remote network access to the Products for USDD support personnel ("**Customer Support**") to effectively troubleshoot critical or complex problems and to expedite resolution of such issues. Remote network access is also used to install core software upgrades and customized software. USDD will only access Customer's Products with the knowledge and consent of Customer. USDD will not access any other systems or data.
- 14.2. Alternative to Network Access.** If the Customer elects not to provide remote network access to the Products, then USDD may not be able to perform some support functions. Customers that elect not to routinely provide network access may temporarily reinstate this access to allow USDD to perform the above services. The following services will not be performed without this access: Product software upgrades; Product software customization; Network troubleshooting assistance including packet capture and network monitoring on USDD devices; Detailed log analysis; Bulk updates to certain Product database tables; Troubleshooting that requires low-level system access or large file transfer.
- 14.3. Timely Access.** Customers must ensure that remote access is available prior to notifying USDD of a support request. In the event that the Customer is unable to provide remote access, USDD will not be required to provide support outside those tasks that do not require remote access, and any corresponding resolution response times will not apply.
- 14.4. Physical Security Tokens.** USDD has multiple software engineers that provide after-hours support and these engineers do not typically take security tokens from the USDD office. If the customer requires the use of physical security tokens, this may delay after hours service.

GOVERNING LAW. This proposal and any contract or agreement resulting therefrom will be governed by and construed according to the laws of the State of Arizona without regard to its conflicts of law principles.

DISPUTE RESOLUTION/ARBITRATION. Before either USDD or Customer initiate any dispute resolution process related to the Agreement, they must schedule a mandatory executive resolution conference to be held within thirty (30) days of receipt of the other party's written request. The conference must be attended by at least one executive from each party. At the conference, each party will present its view of the dispute in detail and the executives will enter into good faith negotiations in an attempt to resolve the dispute. If the dispute is not resolved within fifteen (15) days of the end of the conference or if one party refuses to attend the executive resolution conference, then USDD and Customer further agree that any remaining dispute between them arising out of or relating to this Agreement will be settled by arbitration administered by the American Arbitration Association under its Commercial Arbitration Rules, to the extent such rules are not inconsistent with this Section, in the AAA's Phoenix regional office by a single, neutral arbitrator. Discovery may be conducted either upon mutual consent of the parties or by order of the arbitrator upon good cause being shown. In ruling on motions pertaining to discovery, the arbitrator shall consider that the purpose of arbitration is to provide for the efficient and inexpensive resolution of disputes, and the arbitrator shall limit discovery whenever appropriate to ensure that this purpose is preserved. The arbitrator shall permit dispositive motions and issue a written decision sufficient to explain the essential findings and conclusions and may award damages. Any award rendered by the arbitrator will be final and binding upon USDD and Customer, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction thereof. USDD and Customer expressly and irrevocably consent to the jurisdiction of the Maricopa County Superior Court of Arizona for such purpose. In the event a dispute is submitted to arbitration pursuant to this Section, the prevailing party shall be entitled to the payment of its reasonable attorneys' fees and costs, as determined by the arbitrator. Each of the parties shall keep all disputes and arbitration proceedings strictly confidential, except for disclosures of information required by applicable law or regulation.

FORCE MAJEURE. Except for Customer's duty to pay sums due hereunder, neither party will be liable to the other for any failure to meet its obligations due to any Force Majeure Event. As used herein, a "Force Majeure Event" is one that is beyond the reasonable control of the non-performing party and may include, but is not limited to: (a) delays or refusals to grant an export license or the suspension or revocation thereof, (b) embargoes, blockages, seizure or freeze of assets, or any other acts of any government that would limit a party's ability to perform the Contract, (c) fires, earthquakes, floods, tropical storms, hurricanes, tornadoes, severe weather conditions, or any other acts of God, (d) quarantines, pandemics, or regional medical crises, (e) labor strikes, lockouts, or pandemic worker shortages, (f) riots, strife, insurrection, civil disobedience, landowner disturbances, armed conflict, terrorism or war, declared or not (or impending threat of any of the foregoing, if such threat might reasonably be expected to cause injury to people or property), and (g) shortages or inability to obtain materials or components. The party unable to fulfill its obligations due to Force Majeure will promptly (i) Notify the other in writing of the reasons for its failure to fulfill its obligations and the effect of such failure; and (ii) Use all reasonable efforts to avoid or remove the cause and perform its obligations.

If a Force Majeure Event results in a delay, then the date of performance will be extended by the period of time that the non-performing party is actually delayed or for any other period as the parties may agree in writing. In the event that a Force Majeure Event is ongoing for a period of time which is sixty (60) days or longer, USDD may provide notice to Customer that it is cancelling its Order.

ACCEPTANCE OF TERMS. This proposal shall become a binding contract between the Customer and USDD when accepted in writing by the Customer. Without limiting the foregoing, issuance by Customer of a purchase order to USDD for any of the goods or services herein described shall constitute acceptance. Any such acceptance shall be with the mutual understanding that these Terms and Conditions of this proposal are a part thereof with the same effect as though signed by both parties named herein and shall prevail over any inconsistent provision of said order. No waiver, alteration, or modification of these terms and conditions shall be binding unless in writing and signed by an authorized representative of USDD.

SEVERABILITY. In the event any provision or portion of a provision herein is determined to be illegal, invalid, or unenforceable, the validity and enforceability of the remaining provisions shall not be affected and, in lieu of such provision, a provision as similar in terms as may be legal, valid, and enforceable shall be added hereto.

WAIVER. The failure of either party to insist upon strict performance of any provision of these Terms and Conditions, or to exercise any right provided for herein, shall not be deemed to be a waiver for the future of such provision or right, and no waiver of any provision or right shall affect the right of the waiving party to enforce any provision or right herein.

NO JOINT VENTURE. The parties acknowledge that they are independent entities and nothing contained in these Terms and Conditions shall be construed to constitute either party hereto as the partner, joint venturer, employee, agent, servant, franchisee, or other representative of the other party hereto, and neither party has the right to bind or obligate the other, except as otherwise provided herein. Furthermore, nothing contained in these Terms and Conditions shall be construed to constitute Customer as an exclusive purchaser of the Products in any respect.

THIS QUOTE SUBJECT TO REVIEW FOR ERRORS AND OMISSIONS.

PURVIS PRICE QUOTATION



Tax ID #: 11-2299301

88 Silva Ln
Middletown, RI 02842
Sales: R. MacZura 815.844.9677
rmaczura@purvis.com
Contracts: D Flynn 401-845-8432
DFlynn@purvis.com

Date: December 5, 2022
Quote #: PC2023-093
Agency: DeKalb Fire Dept
Address: 700 Pine Street
DeKalb, IL 60115
Agency POC: Don Faulhaber
E-mail: don.faulhaber@cityofdekalb.co
Phone #: 815.482.2344

TASK:

Procurement and implementation of the PURVIS Fire Station Alerting System™ (PURVIS FSAS™) for the XXXXXX. Please refer to the attached "PURVIS Fire Station Alerting System SOW xxxxx" for additional details associated with our quote.

This project is to be purchased under the HGACBuy Contract No. EC07-20

This project is to be purchased under the Sourcwell Contract No. 042021-PUR

HARDWARE:

| Item | PURVIS Part # | Qty | Unit Price | Adjusted Unit Price | Extended Price |
|---|--------------------|-----|-------------|---------------------|--------------------|
| Dispatch Management (DM) Console - Touch Screen | 315-020104-131 | 1 | \$2,275.00 | \$2,206.75 | \$2,206.75 |
| Radio Interface Unit (RIU) Two (2) Audio Channel - 1U | 315-320003-131-2 | 2 | \$4,060.00 | \$3,938.20 | \$7,876.40 |
| RIU to Motorola Radio Cable - 1 Ch | 315-321002-131 | 2 | \$325.00 | \$315.25 | \$630.50 |
| Station Control Unit (SCU) | 315-030005-131-NN | 3 | \$17,500.00 | \$16,975.00 | \$50,925.00 |
| SCU Remote Touch Screen (RTS) - 22" | 315-250005-131 | 3 | \$605.00 | \$586.85 | \$1,760.55 |
| Remote Touch Screen Video Distribution - VGA TX/RX | 315-250300-131 | 3 | \$410.00 | \$397.70 | \$1,193.10 |
| Vesa Mount for VGA Receiver | 315-250100-131 | 3 | \$50.00 | \$48.50 | \$145.50 |
| Wall Mounting Bracket, Tilt, RTS Monitor | 315-190302-131-RTS | 3 | \$30.00 | \$29.10 | \$87.30 |
| USB Extender, 1-Port | 315-250202-131 | 3 | \$105.00 | \$101.85 | \$305.55 |
| 24 Port Unmanaged Network Switch | 315-290005-131-LAN | 3 | \$225.00 | \$218.25 | \$654.75 |
| Uninterruptible Power Supply (UPS) - 2U - Line Interactive 1500VA | 315-040308-131 | 3 | \$1,085.00 | \$1,052.45 | \$3,157.35 |
| Recessed Speaker, 8" (25/70v) | 315-130401-131-SO | 46 | \$65.00 | \$63.05 | \$2,900.30 |
| Recessed Speaker, 8" with Red/White LED Ring (25/70v) | 315-141001-131-RW | 14 | \$300.00 | \$291.00 | \$4,074.00 |
| Recessed Speaker Mount | 315-130360-131 | 60 | \$20.00 | \$19.40 | \$1,164.00 |
| Outdoor/Bay Speaker (25/70v) 15w | 315-150408-131 | 7 | \$160.00 | \$155.20 | \$1,086.40 |
| Bay Speaker (Soundsphere, Q6) 35w | 315-150401-131 | 5 | \$725.00 | \$703.25 | \$3,516.25 |
| Amplifier 1 Ch (25/70v) 250w | 315-070304-131 | 3 | \$1,150.00 | \$1,115.50 | \$3,346.50 |
| Turnout Timer 24" LED Display, 1 Line | 315-210006-131-TT | 4 | \$465.00 | \$451.05 | \$1,804.20 |
| Reader Board 24" LED Display, 1 Line | 315-210006-131-RB | 4 | \$465.00 | \$451.05 | \$1,804.20 |
| Message Board HDMI Video Transmitter | 315-190400-131-TX | 3 | \$100.00 | \$97.00 | \$291.00 |
| Message Board HDMI Video Receiver | 315-190400-131-RX | 10 | \$100.00 | \$97.00 | \$970.00 |
| Message Board Display Module | 315-540201-131 | 3 | \$300.00 | \$291.00 | \$873.00 |
| 8 Port Unmanaged Message Board Switch | 315-290003-131-MB | 3 | \$95.00 | \$92.15 | \$276.45 |
| Strobe Light (Red), Interior, Wall | 315-260008-131-R | 4 | \$80.00 | \$77.60 | \$310.40 |
| Remote Push Button, Red, 22mm, Illuminated (Manual Activation) | 315-280004-131-R | 9 | \$65.00 | \$63.05 | \$567.45 |
| Remote Push Button, Green, 22mm, Illuminated (Doorbell) | 315-280004-131-G | 7 | \$65.00 | \$63.05 | \$441.35 |
| Remote Push Button, Blue, 22mm, Illuminated (Acknowledgement) | 315-280004-131-B | 8 | \$65.00 | \$63.05 | \$504.40 |
| Power Strip - Rack Mount | 315-010500-131 | 3 | \$65.00 | \$63.05 | \$189.15 |
| 19" Rack 18U - Wall Mount | 315-380001-100 | 3 | \$995.00 | \$965.15 | \$2,895.45 |
| TOTAL | | | | | \$95,957.25 |

| | |
|-----------------------|--------------------|
| Sales and Use Tax | \$0.00 |
| TOTAL HARDWARE | \$95,957.25 |

Hardware Prices do not include installation or any system configuration, if applicable. Any applicable manufacturer warranties will be extended to the customer.

Hardware lead time is at least 12 weeks after receipt of order (ARO)

SOFTWARE:

| Item | PURVIS Part # | Qty | Unit Price | Adjusted Unit Price | Extended Price |
|--|----------------|-----|-------------|---------------------|--------------------|
| Central Server FSAS Software License (Perpetual) | 315-990000-120 | 2 | \$10,000.00 | \$9,700.00 | \$19,400.00 |
| DM Console Seat License (Perpetual) | 315-990100-120 | 1 | \$1,500.00 | \$1,455.00 | \$1,455.00 |
| PURVIS FSAS API License (Perpetual) | 315-990200-120 | 2 | \$5,000.00 | \$4,850.00 | \$9,700.00 |
| Text-to-Speech (TTS) Voice Module Software License (Perpetual) | 315-990400-120 | 5 | \$1,410.00 | \$1,367.70 | \$6,838.50 |
| Station Control Unit (SCU) FSAS Software License (Perpetual) | 315-990300-120 | 3 | \$300.00 | \$291.00 | \$873.00 |
| TOTAL | | | | | \$38,266.50 |
| Sales and Use Tax | | | | | \$0.00 |
| TOTAL SOFTWARE | | | | | \$38,266.50 |

FIXED PRICE SERVICES:

| Description | Unit Price | Adjusted Unit Price | Price |
|--|-------------|---------------------|---------------------|
| Implementation Services (Project Management, Configuration, Integration, Test, Installation Support, & Training) | \$46,200.00 | \$44,814.00 | \$44,814.00 |
| Installation Services | \$95,650.00 | \$92,780.50 | \$92,780.50 |
| Freight/Shipping & Handling | | \$960.00 | \$960.00 |
| 1 Year Warranty & Maintenance | | Included | \$0.00 |
| TOTAL SERVICES | | | \$138,554.50 |

| | |
|--------------------|---------------------|
| GRAND TOTAL | \$272,778.25 |
|--------------------|---------------------|

PAYMENT MILESTONES:

| Key Milestone | Deliverable | Payment Amount |
|--|--|---------------------|
| Milestone # 1 Project Documentation | Delivery of Overall Project Plan Delivery of PURVIS FSAS Controller Specifications Delivery of PURVIS FSAS API Documention | \$41,000.00 |
| Milestone # 2 System Design and Documentation | Delivery of Network Configuration Spreadsheet for Customer Input Delivery of System Configuration Spreadsheet For Customer Input | \$41,000.00 |
| Milestone # 3 Dispatch Installation | PURVIS FSAS Central Server Software Installation Delivery of the PURVIS FSAS DM Consoles PURVIS FSAS Radio Interface Unit Installation | \$27,300.00 |
| Milestone # 4 Fire Station Installation | First Article Station Installation | \$54,600.00 |
| Milestone # 5 Fire Station Installation | Stations 2-3 Installation | \$95,500.00 |
| Milestone # 6 Functional System Validation | Functional System Validation | \$5,500.00 |
| Milestone # 7 FSAS System Acceptance & Cutover | CAD Interface Testing | \$7,878.25 |
| | Delivery of Training Plan and Training | |
| | Final System Cutover and Acceptance | |
| GRAND TOTAL | | \$272,778.25 |

POST WARRANTY, MAINTENANCE & SUPPORT:

| Description | Qty | Unit Price | Adjusted Unit Price | Extended Price |
|--|-----|-------------|---------------------|--------------------|
| Annual Post Warranty, Maintenance and Support (Remote Only - 24/7/365) (Coverage begins upon the expiration of the initial one-year Warranty period) | 1 | \$16,000.00 | \$15,520.00 | \$15,520.00 |
| Text-to-Speech (TTS) Voice Module Software Maintenance (Annual) | 5 | \$195.00 | \$189.15 | \$945.75 |
| TOTAL POST WARRANTY, MAINTENANCE & SUPPORT and SOFTWARE FEES | | | | \$16,465.75 |

SALES AND USE TAX: Any required sales and use tax not identified in this quote is responsibility of the quote recipient or Fire Station Alerting System end-user. PURVIS is not responsible for the collection of any required taxes and payments to any tax collection agencies.

BONDS: Quote does not include any bid, payment, or performance bonds.

PREVAILING WAGE RATES: Pricing is not based on prevailing wage rates.

PAYMENT TERMS: Net 30

VALIDITY: This FFP Quote is valid for 90 days

WARRANTY: First Year Remote Warranty & Maintenance begins upon Functional System Validation conducted jointly by PURVIS and the customer.

PURVIS AGREEMENTS: The PURVIS FSAS Standard License Agreement and the PURVIS FSAS Maintenance Agreement must be signed and returned to PURVIS Systems with any initial orders placed for the PURVIS Fire Station Alerting System.

EXPORT CONTROL: Products purchased or received under any resulting Sale may be subject to export control laws, restrictions, regulations, and orders of the United States. Customer agrees to comply with all applicable export laws, restrictions and regulations of the United States or foreign agencies or authorities, and shall not export, or transfer for the purpose of re-export any product to any prohibited or embargoed country or to any denied, blocked or designated person or entity as mentioned in any United States or foreign law or regulation.

DEKALB FIRE

FIRE STATION ALERTING

DECEMBER 2022



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SECTION 1

SYSTEM OVERVIEW

1.1 MOTOROLA'S PROVEN SOLUTION: MACH ALERT

Motorola is pleased to offer this proposal to the DeKalb Fire Department for a Mach Alert Fire station alerting solution for the Fire Department. The proposed solution will provide DeKalb Fire dispatch operators with an ability to alert the fire station in a zoned format and control lighting, audio and status messaging. The system will also allow dispatchers to control and monitor digital input/output relays at the fire station.

The proposed Motorola Fire Station Alerting system will utilize the DeKalb Fire Department's IP network for sending alerts to fire stations. This solution assumes that the customer's existing VHF system (used for sending voice alerts) and CAD system are fully operational. Additionally, Motorola assumes that the customer will provide IP connections meeting Motorola's specification to the fire station from the dispatch center backroom.

The station will be fitted with Turn Out Timers, Incident Display message boards, Rip and Run printers and zoned lighting and audio. The zone selection will be selectable per bunk room via a supplied 8 button selector switch. Existing speaker and PA systems will be reutilized in the station for voice announcement applications associated with the alerts. Some re-wiring of the speaker PA system will be required to allow for audio zoning which is included in the proposal. Two dispatch position FSA user licenses are included in the proposal. Each position will have thin client software added to the CAD position for active control by the FSA server to send text to speech audio over the radio network. The server licenses included will allow each client user the ability to control up to 10 fire stations giving the customer some growth potential.

1.2 MAJOR COMPONENTS

The proposed Motorola Fire Station Alerting System requires the following major components for operation:

Equipment proposed at the dispatch center:

- One (1) Alerting Interface Controller (AIC)
- One (1) FSA Mach Alert Server



- One (1) Primary Software License for up to 10 stations
- Two (2) Client Software Licenses for up to 10 stations for alerting.
- CAD Integration

Equipment proposed at the fire station:

- One (1) station controller unit (SC)
- Turn Out Timer Functionality with Display units
- Rip and Run Printer
- LED Alert Lighting
- Incident Display Board

1.3 FIRE STATION ALERTING SYSTEM DESCRIPTION

The *Mach Alert* Fire Station Alerting (FSA) system serves as a cornerstone for the successful operation of the dispatch alerting process. This microprocessor-based alerting system will help manage resources with proven hardware and software, leading to a reduction in emergency response times, less firefighter stress, and the confidence your stations will be alerted every time.

Fire Services, now more than ever, are facing newer and greater challenges. System operating flaws, breakdowns, problematic interfaces, and alerting delays are unacceptable. Proven technology, communications compatibility, software customization, and an intuitive user interface are mandatory.

The *Mach Alert* FSA system is designed for fast response, integration with existing infrastructure, redundancy, and the ability to gracefully migrate into the latest technologies and new features. It utilizes innovative design allowing installations to be tailored to your specific Fire and EMS needs.

The *Mach Alert* FSA system does not depend on PC hardware at the stations for its fundamental fire station operation. It utilizes Motorola's new ACE3600 high-performance controller offering enhanced reliability. As the lead component in our fire station alerting system, it meets these challenges head-on.



Motorola ACE3600 Remote Terminal Unit

The *Mach Alert* FSA system is capable of interfacing with IP-based CAD (Computer Aided Dispatch) systems to provide automated fire station alerting. *Mach Alert* provides a backup or manual means of alerting the fire stations if the CAD system is unavailable. If there is no CAD system present, *Mach Alert* FSA functions as the primary means of alerting the fire stations. The dispatch operator can easily access the *Mach Alert* System and its associated Graphical User Interface (GUI) via a thin browser client on a Windows-based PC. The browser allows the dispatcher to manually select the sequence, station(s) and zones required for the alert.

1.4 MACH ALERT – THE TOTAL SYSTEM SOLUTION

This “Total System Solution” consists of an Alerting Interface Controller (AIC), FSA Server, and Station Controllers (SC) as shown in the following figure. These components are described and their functionality presented in the ensuing sections. Available options to enhance the basic system are also provided.

as to not talk over them, just as they would not want to talk over each other. In this method, the TTS information will be heard by all subscriber units, both inside and outside the stations, which are on the main fire dispatch channel. The audio is also heard at the fire stations over the main fire dispatch channel.

All TTS options use a life-like synthetic voice engine to produce human-quality audio output. *Mach Alert* includes a lexicon tool to fine-tune individual pronunciations and configure custom abbreviation and acronym rules for the voice engine. Multiple lexicons may be implemented for multi-agency or multi-PSAP systems where each agency requires their own custom pronunciation rules

1.6 LED ALERT LIGHTING

The optional use of LED lighting strips for the FSA installation are for visual alerting in addition to the audio alert (PA) system. The RGB lighting strip is compatible with a commercially available controller. LED lighting strips are activated and controlled in various colors and sequences to alert station personnel of conditions and warnings.

The optional LED lighting is connected to the Station Controller. The LED lighting can be configured for ramp time, maximum intensity and colors.


Bunkroom LED lighting is ramped. Each bunkroom can have a LED light strip that will activate based on the type of alert. For example, if the bunkroom is reserved for the engine, the LED strip can be set to ramp to a red display. If the bunkroom is reserved for rescue, the LED strip can be set to ramp to a blue display. These high-intensity, RGB color LED strips can also be used in the common areas, bays, weight rooms, outside, offices, etc. When used in the hallways, they provide adjustable soft white egress lighting.



Mach Alert LED Lighting Option

1.7 DYNAMIC ZONE SELECTION SWITCHES

If a department desires to have the flexibility of using their bunkrooms based on specific personnel, apparatus, and/or company, wall switches may be provided as an option, allowing each bunkroom (or Zone) to select the type of alert, or combination of alerts, to be directed to that bunkroom. Fire or EMS personnel can use any bunkroom and select their specific alert(s) to be directed to that room. LED indicators on the wall switch indicate which alerts have been



Example Zone Selection

More than one zone can be selected such as BC & Rescue

- Rescue- This room will receive Rescue, All Call, & Announcement
- Engine- This room will receive Fire, All Call, & Announcement
- Assistant Chief (AC)- This room will receive Assistant Chief, All Call, & Announcement
- Battalion Chief (BC)- This room will receive Battalion Chief, All Call, & Announcement
- Light- This Rooms Night light will be on when lighting controller is in Night Light Mode
- Vacant- This room will not receive any Calls

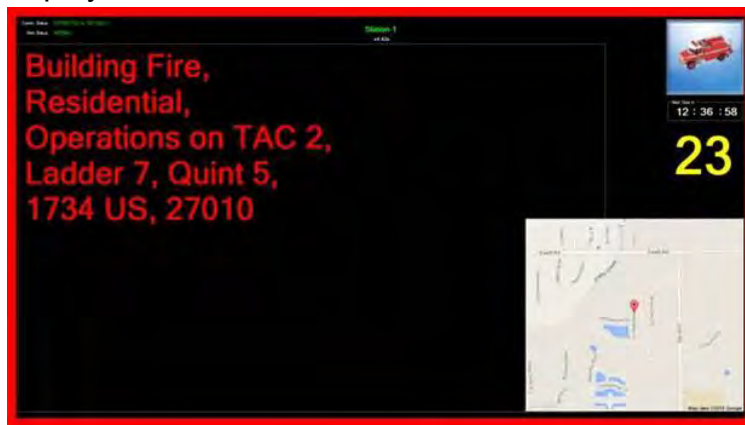
Note: If no Zones are selected Room will receive every call

selected, or no alerts.

Mach Alert Zone Selector Switch

1.8 INCIDENT DISPLAY BOARDS (IDBS)

IDBs can be provided for each fire station as an option. High Definition (HD) LED or LCD monitors can be provided and configured to display incoming alert incident information based on input from the CAD system (for example, units responding, address/location, incident type, cross streets, etc.) When alerted, the displays present a screen border color-coded to indicate the call type. A “count-down” and “count-up” timer is displayed indicating the amount of turnout time left and the amount of time past the required departure. The count-down timer is yellow. When it indicates 00, it turns red for the count-up time. If Internet access is granted, a map of the incident location can also be displayed on the IDB.



Mach Alert Incident Display Board

1.9 TURNOUT TIMER (TOT)

The *Mach Alert* system can trigger an optional wall-mounted turnout timer when an alert is received. The TOT has configurable settings that allow for the adjustment of the countdown time interval. The countdown time is also configurable based on alert type and can be automatically reset upon the next alert or can be reset through an external (optional) pushbutton. The display is a 3-digit LED display that has a character viewing distance of 125 feet.



Mach Alert Turnout Timer

1.10 “RIP-AND-RUN” THERMAL PRINTERS

Mach Alert offers optional “rip-and-run” thermal printers at each fire station. Upon alert, the Station Controller transmits alert information (sourced from CAD or manual entry) to the thermal printer, which prints a perforated slip of paper with the critical information from dispatch. *Mach Alert* also supports existing printers via a serial interface.



Mach Alert Rip-and-Run Printer

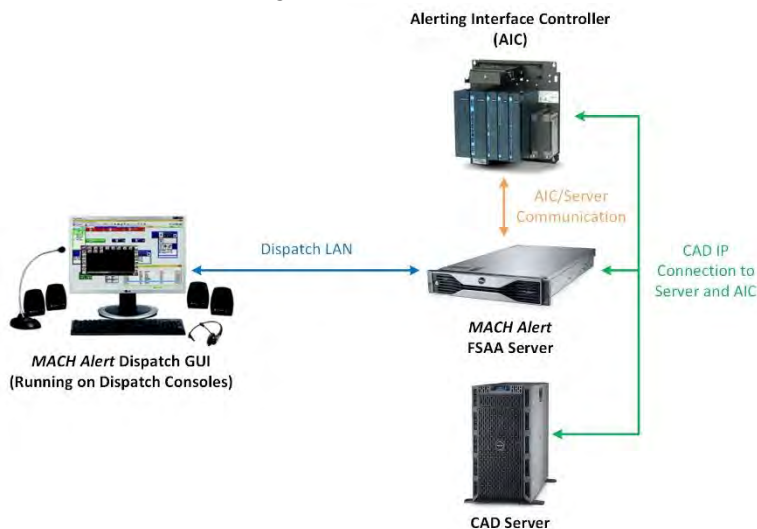
1.11 MACH ALERT DISPATCH CENTER HARDWARE

The *Mach Alert* Dispatch Center hardware consists of the *Mach Alert* FSA Server and Alerting Interface Controller (AIC). The dispatch operation is typically located at the Emergency Communications Center.

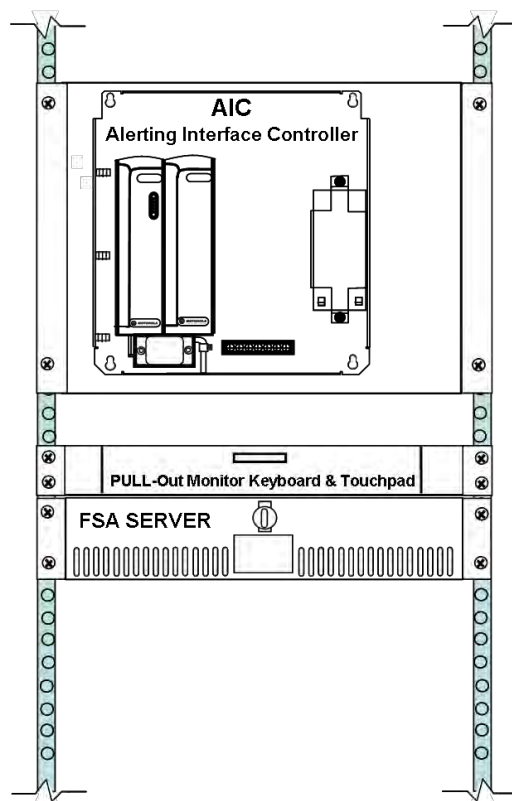
- The *Mach Alert* FSA Server hosts the primary *Mach Alert* software and provides a Graphical User Interface (GUI) to the fire station alerting system. The *Mach Alert* GUI is accessed using browser thin clients that normally cohabitate on the Motorola Dispatch Consoles but may also be located on separate dispatch operator terminals if required. The server also manages dispatch operator manual station alerting, automated optional text-to-speech incident announcements, remote system access, and system alarm and event logging. The server also provides the interface to the customer IP network for alerting over that network.
- The *Mach Alert* AIC is the fire station alerting interface to the Motorola Radio System. The Alerting Interface Controller is a Motorola ACE3600 high-performance controller that provides the means of communicating the alerting data over the radio network to the *Mach Alert* Station Controllers (SCs) located at the fire stations. The AIC also sends the alerting data over the IP network to provide redundancy to the FSA Server in the event it is offline.

The FSA Server and AIC also each contain an optional interface to the customer CAD System if there is one present in the overall system design. The FSA Server is normally mounted in the equipment rack with the AIC, although an alternate desktop version is also available. The following diagram shows a typical arrangement of the Dispatch Center hardware.

Mach Alert FSA Typical Dispatch Center Hardware



The following diagram shows the mounting of the FSA Server and the AIC on a standard 19" equipment rack. This equipment is usually located at the Dispatch Center.



***Mach Alert* FSA Server and AIC**

The alerting process may be either a fully automated process driven by a Computer Automated Dispatch (CAD) System integrated to the *Mach Alert* System or alternatively may be a manual process in which the *Mach Alert* System is utilized to manually alert the fire stations. The *Mach Alert* System also provides the means of manual dispatching if there is CAD in the system, but it is unavailable due to maintenance or failure.

1.12 CAD AS THE PRIMARY MEANS OF INITIATING ALERTS

If CAD is the primary means of initiating the alerts, the fire station alerting information from CAD is passed to the FSA Server and AIC. The FSA Server processes the information and sends the alerting data over the IP network to the *Mach Alert* Station Controllers (SCs) located in the fire stations. Simultaneously the FSA Server controls the AIC and the AIC passes the alerting data to the SCs over both the Motorola Radio System and the IP network. The FSA Server and AIC are in constant communications, and if the FSA Server is offline, the AIC will automatically send the alerting information over both the IP network and the radio network.

1.13 MACH ALERT AS THE PRIMARY MEANS OF INITIATING ALERTS

If there is no CAD in the system design, or if CAD is offline, *Mach Alert* provides the primary means of initiating the alerts to the fire stations. The dispatch operator, utilizing a thin browser client, accesses the *Mach Alert* GUI located on the FSA Server for the purpose of alerting the stations. The dispatch operator chooses the incident type, selects the fire stations to be alerted, and presses a button on the screen to initiate the alert. The FSA sends the alerting data over the IP network to the *Mach Alert* Station Controllers (SCs) located in the fire stations. Simultaneously the FSA Server controls the AIC and the AIC passes the alerting data to the SCs over both the Motorola Radio System and the IP network.

1.14 MACH ALERT GRAPHICAL USER INTERFACE (GUI) FUNCTIONALITY

If CAD is present in the system design, it serves as the primary means of alerting the fire stations through the *Mach Alert* System. *Mach Alert* contains a CAD Monitor window to allow the dispatch operator to view the alerting information received from CAD. The *Mach Alert* CAD Monitor also displays the open PA time representing the time the operator can speak and be heard in the corresponding fire station's PA system during an alert.

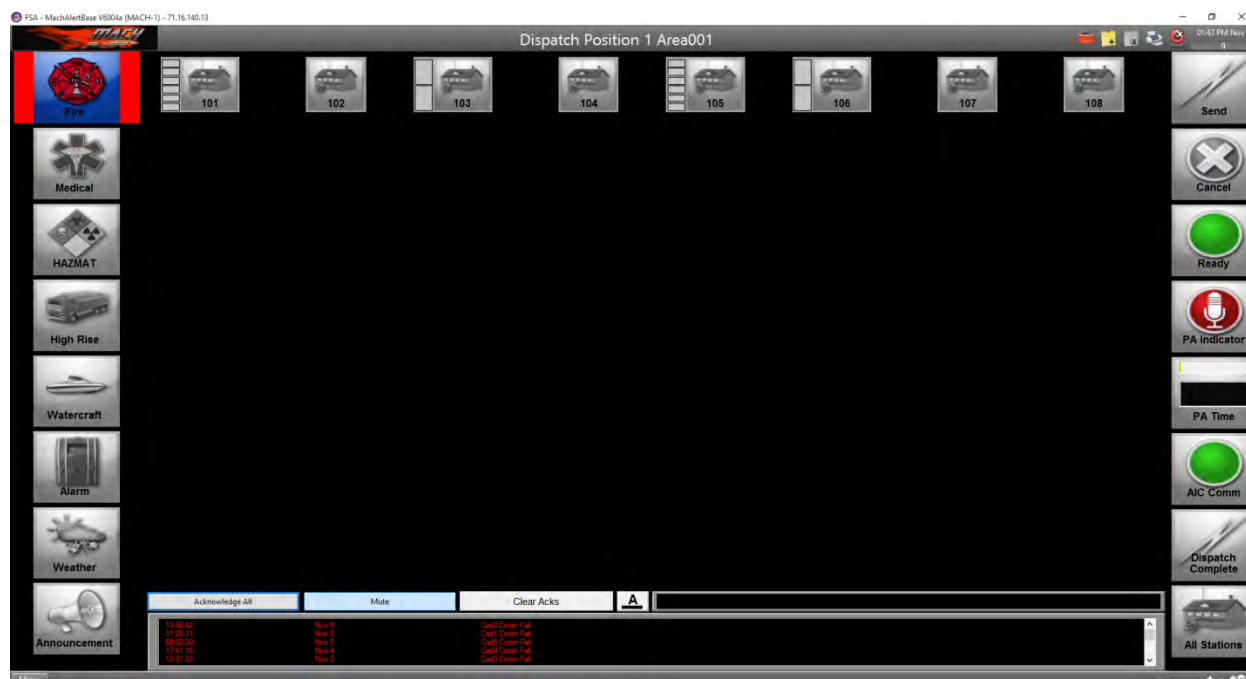
The *Mach Alert* CAD Monitor window screen is shown in the following figure:



Mach Alert CAD Monitor Window

1.15 MACH ALERT MANUAL OR BACKUP ALERTING

The *Mach Alert* Manual Dispatch screen is shown in the following figure:



Manual Dispatch Graphical User Interface (GUI)

The Manual Station Alerting Screen is used to alert the fire stations when the CAD system is unavailable or if there is no CAD in the system. The Station Alerting Screen permits dispatch operators to quickly identify and select the type of incident and the station(s) to be alerted. Operators then select one or any combination of stations to be alerted. Multi-station select buttons may be pre-configured so the dispatch operator can instantly select groups of stations on the Mach Alert Dispatch Screen GUI. When the operator selects the station(s) to be alerted, a “Select” bar appears next to the selected station icons. All other operator positions will see a “Busy” bar next to the selected station icons indicating those stations are currently being alerted. The operator then selects the “Send” icon and the alert is sent to the selected station(s).

A green “ACK” bar next to the Station Icon is displayed when the Station Controller acknowledges the alert. If the alert does not successfully go through to the selected fire station(s), an “Alert Fail” alarm is illuminated at the dispatch operator position that initiated the alert and the station(s) that did not acknowledge the alert will display a red “NACK”. After a station alert has been sent and the toning is complete, the “PA Indicator” icon changes to green informing the operator the live voice announcement can begin. Multiple operator positions can also alert fire stations at the same time (concurrent dispatches). The system meets NFPA 1221 recommendations and ISO requirements for Dispatch Centers.

The Mach Alert GUI provides positive acknowledgment (ACK) of alerts received by the fire stations. It also indicates the Public Address (PA) system status at each of the fire stations by utilizing an audio sensing device to confirm that the alert is being heard in the fire station. The GUI also indicates to the dispatch operator the remaining time to talk before the Station Controller (SC) in the fire station is automatically reset in preparation to receive the next alert event.

1.16 EVENT LOGGING

Upon every alert, the alerting data is logged, time-stamped, date-stamped, tracked, and stored in the FSA Server database for future reference and printing. The Mach Alert System records and displays error and failure information for the dispatch staff. The information presented is clear and concise in order to detail important information that the dispatch operator needs to know. A detailed log shows all operator and system actions in a clearly shown sequence of events.

1.17 MACH ALERT EVENT AND STATUS SCREENS

The Mach Alert Event and Status screens display easily identifiable icons at each of the dispatch positions. Included in the Mach Alert GUI and the Event Log Screen (includes real-time system alarms and events and a historical database), multiple system Configuration Screens, the Communications Status Screen (includes real-time status of the radio and IP communications links, main power status, and SC backup battery status), the Outdoor Speaker Control (Night-Mode) Screen, and the Report Generation Screen.



Mach Alert VTS Sequence Config Panel (VTSDispatchDirectGlobal) Properties

Tones Time PA Time LMO Time CMD1 Time CMD2 Time Interrogation Interval

| ID | Seq# | Enabled | Name | Icon | Color | Tone | LMO | Preview |
|----|------|-------------------------------------|--------------|------|-------|------|-------------------------------------|---------|
| | 1 | <input checked="" type="checkbox"/> | Fire | 4 | | 101 | <input checked="" type="checkbox"/> | |
| | 2 | <input checked="" type="checkbox"/> | Medical | 22 | | 102 | <input checked="" type="checkbox"/> | |
| | 3 | <input checked="" type="checkbox"/> | HAZMAT | 5 | | 103 | <input checked="" type="checkbox"/> | |
| | 4 | <input checked="" type="checkbox"/> | High Rise | 17 | | 104 | <input type="checkbox"/> | |
| | 5 | <input checked="" type="checkbox"/> | Watercraft | 9 | | 6 | <input type="checkbox"/> | |
| | 6 | <input checked="" type="checkbox"/> | Alarm | 11 | | 8 | <input type="checkbox"/> | |
| | 7 | <input checked="" type="checkbox"/> | Weather | 19 | | 24 | <input type="checkbox"/> | |
| | 8 | <input checked="" type="checkbox"/> | Announcement | 21 | | 30 | <input type="checkbox"/> | |

OK Cancel

Configuration Screen Example

Event Report

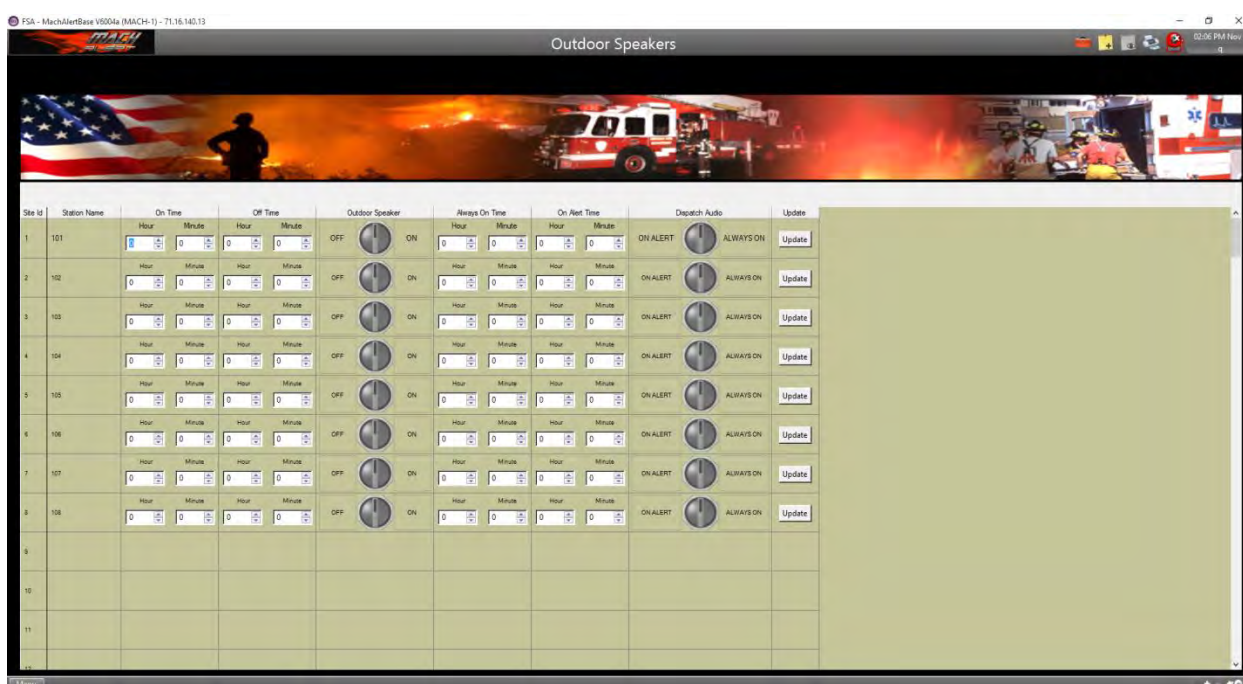
Alarm Page



1.18 OUTDOOR SPEAKER CONTROL

The FSA system provides a feature allowing control of outdoor speakers at each station. The outdoor speakers can be configured from the FSA Server. This feature allows authorized personnel to make the following adjustments:

- Turn on or off individual outdoor speakers.
- Set up individual outdoor speakers or group of speakers on a timer. Time On and Time Off settings will automatically turn on/off the speakers at any time during the day or night. Easily adjustable.
- The Outdoor Speaker Control Screen also permits authorized personnel to have control of the station audio. For example, settings are provided to allow the main fire dispatch audio to always be played through the station speakers (“Day Mode”), or dispatch audio only if the station(s) is alerted (“Night Mode”).



Outdoor Speakers Control Screen

1.19 REMOTE SYSTEM ACCESS

The *Mach Alert* FSA system provides remote system access. The same system alerting capabilities, as described above, are available on any PC or laptop that has a network connection (wired or wireless) to the FSA Server, proper security access rights, and proper password. If the Dispatch Center is evacuated, and the FSA Server/LAN are operational, fire station alerting can be accomplished from a remote location. Client licenses are required for remote system access.

Remote access can be used for emergency station alerting from remote locations, command vehicle dispatching, system diagnostics from remote locations, system maintenance, system

configuration changes, software updates, or system monitoring by Fire Administration or IT personnel.

This feature provides backup fire station alerting if the Communications Center(s) is evacuated. Emergency fire station alerting dispatch can be directed from a mobile command vehicle or a secondary Communications Center established at a remote location. Any location with IP connectivity to the FSA Server can operate as a secondary station alerting Dispatch Center. The system meets NFPA 1221 recommendations and ISO requirements for Dispatch Centers.

1.20 SYSTEM HEALTH MONITORING

The *Mach Alert* System conducts automated “health checks”. The FSA Server is configured to look for an “ACK” from each Station Controller (SC) periodically. Any status changes at the fire stations are transmitted when the change occurs. This reporting by “exception” utilizes less FSA system and communication link resources than a polling scheme to all fire stations. Periodically the FSA Server also polls the CAD server for a “heartbeat” confirmation. If there is a communication issue with any SC or the CAD server, an alarm notification is displayed in the “Alarm Window” on the Station Alerting Screen at all operator positions identifying the specific alarm. Also, these alarms can be sent to email addresses. The Communications Status Screen and the Event Log Screen will display the alarm conditions in more detail. All alarm and event information is time and date stamped, logged into the system, and stored in the FSA Server for future reference. Any SC may be manually interrogated from the Communications Status screen. The system meets NFPA 1221 recommendations.

1.21 ALARM NOTIFICATIONS

The *Mach Alert* system can detect internal and external failures and alarm conditions that affect system performance or station safety. These Alarm Notifications are displayed on all dispatch operator Station Alerting Screens and Event Log Screens. The system can also automatically send emails, utilizing the customer’s mail server, to designate personnel (user-configurable) if an alarm occurs. Typical alarms include, but are not limited to, the following:

- AIC or SC failure.
- A specific module failure in the AIC or SC.
- Failure of CAD communication with the AIC or FSA Server.
- Failure of any communication link with the identification of the failed link.
- Failure to alert a station or stations.
- AC power failure to the AIC or SCs.
- General alarm notifications (monitoring intrusion alarm panels, emergency doorbells, etc.).

These notifications will occur even if the CAD is not in the system design or is not operational. The AIC and SCs are self-monitoring and will report a failure of their modular components. “AC Power Failure” alarm notifications will be sent if the main power is lost and the AIC or any SC reverts to its battery backup. The Station Alerting Screen has an alarm window at the bottom of

the screen that provides the dispatch operator a real-time alarm display. The AIC and SC battery status and battery life can also be monitored on the Communications Status Screen. The system meets NFPA 1221 recommendations including “Monitoring for Integrity”.

1.22 SYSTEM ACKNOWLEDGMENTS AND LOGGING

The dispatch operator receives a positive “Acknowledgment” (“ACK”) indicator on the dispatch screen when the fire station SC receives the alert command. The ACK will be sent back over both communications links. This information is logged and stored in the FSA Server’s historical database. The system meets NFPA 1221 recommendations.

1.23 MACH ALERT GUI SYSTEM SECURITY

The *Mach Alert* System supports multiple levels of login authorization to limit operator actions for advanced features such as the configuration of station devices and output functions. System security is configured during system setup and is tailored to the needs and requirements of the customer. By default, the FSA Server supports Secure Socket Layer (SSL) encryption of remote connections, e.g. connections between the FSA Server and the dispatch consoles running the *Mach Alert* Dispatch Screen GUI.

1.24 MACH ALERT ZONE-BASED ALERTING

Mach Alert also supports zone-based alerting schemes, emulating the sequence of alerting operations featured in Motorola’s FSA3000 and FSA4000 fire station alerting systems. With *Mach Alert*’s zone-based alerting, each audio zone at a fire station can be assigned a specific tone in addition to, or in lieu of, the incident type tone.

1.25 ALERTING OVER REDUNDANT COMMUNICATION LINKS

The *Mach Alert* FSA system supports up to two (2) redundant communications links for station alerting (data) and an independent communications link for announcements (voice). The system design offers a “high-availability” fire station alerting operation through multi-level redundancy.

Both the existing IP network and the existing radio system can be used to alert the fire stations. Station alerting is transmitted over the redundant communications links concurrently. The key point here is that the *Mach Alert* FSA system does not have to make a selection if one link fails, as is often the case with PC-based systems. This assures the alert data will reach each fire station controller selected to be alerted with minimal delays. Alerting over Redundant Communication Links meets NFPA 1221 requirements.

Motorola highly recommends utilizing two redundant communications links for station alerting when using ASTRO IV&D which ensures a highly responsive and highly reliable alerting solution. In the event that the IP link fails, alerting is still supported by the IV&D system. The IV&D system

has a lower bandwidth than wired IP and when used in backup mode supports an alerting cadence of approximately 3 seconds per station for alerts to be received and acknowledged.

If the radio system used for alerting is offline, station alerting will be processed using the IP network. If the Ethernet link used for alerting is offline, station alerting will be processed using the radio link.

If the radio link or the IP network link fails to the fire stations, the *Mach Alert* System will continue to function, including toning, CAD processing, backup dispatch, zoning, event logging, and failure notifications. The system meets NFPA 1221 recommendations.

At the fire station, the Station Controller activates the alert tones based on data received on the first (quickest) link and does not process data from the other link. However, both the radio and IP communication links send an acknowledgment ("ACK") back to the AIC to verify that both communication links are operational. ACKs are also sent to the CAD system, if present, for updating. After the alert tones are played, the dispatch operator can begin the voice announcement.

Mach Alert supports the following combination of alerting links:

- One (1) Ethernet link and one (1) Radio System (Trunking or Conventional) link
- Two (2) Radio System (Trunking and/or Conventional) links
- Two (2) Ethernet links

Note that two data links are required for NFPA1221 Compliance.

1.26 DATA INTEGRITY

The *Mach Alert* FSA system utilizes the Motorola Data Link Communications (MDLC) protocol specifically designed for data over radio networks. It creates a true wireless network environment that provides maximum data integrity. The MDLC protocol is based on the Open System Interconnection (OSI) model recommended by the International Organization for Standardization (ISO). MDLC utilizes all seven layers of the OSI model and is designed for point-to-multipoint links such as an FSA system. MDLC provides optimum operation in saturated RF environments. The protocol facilitates communications among all sites in the system, including extensive diagnostic messaging. CRC-32 level data detection is provided. The MDLC protocol is also used to ensure data integrity over Ethernet for alerting via the AIC over the IP network.

1.27 DISPATCH OPERATOR VOICE ANNOUNCEMENTS

The dispatch operator voice announcements are sent on a separate and independent radio talk group/channel. The same Motorola Radio Systems that are supported for alerting is also supported for voice announcements.

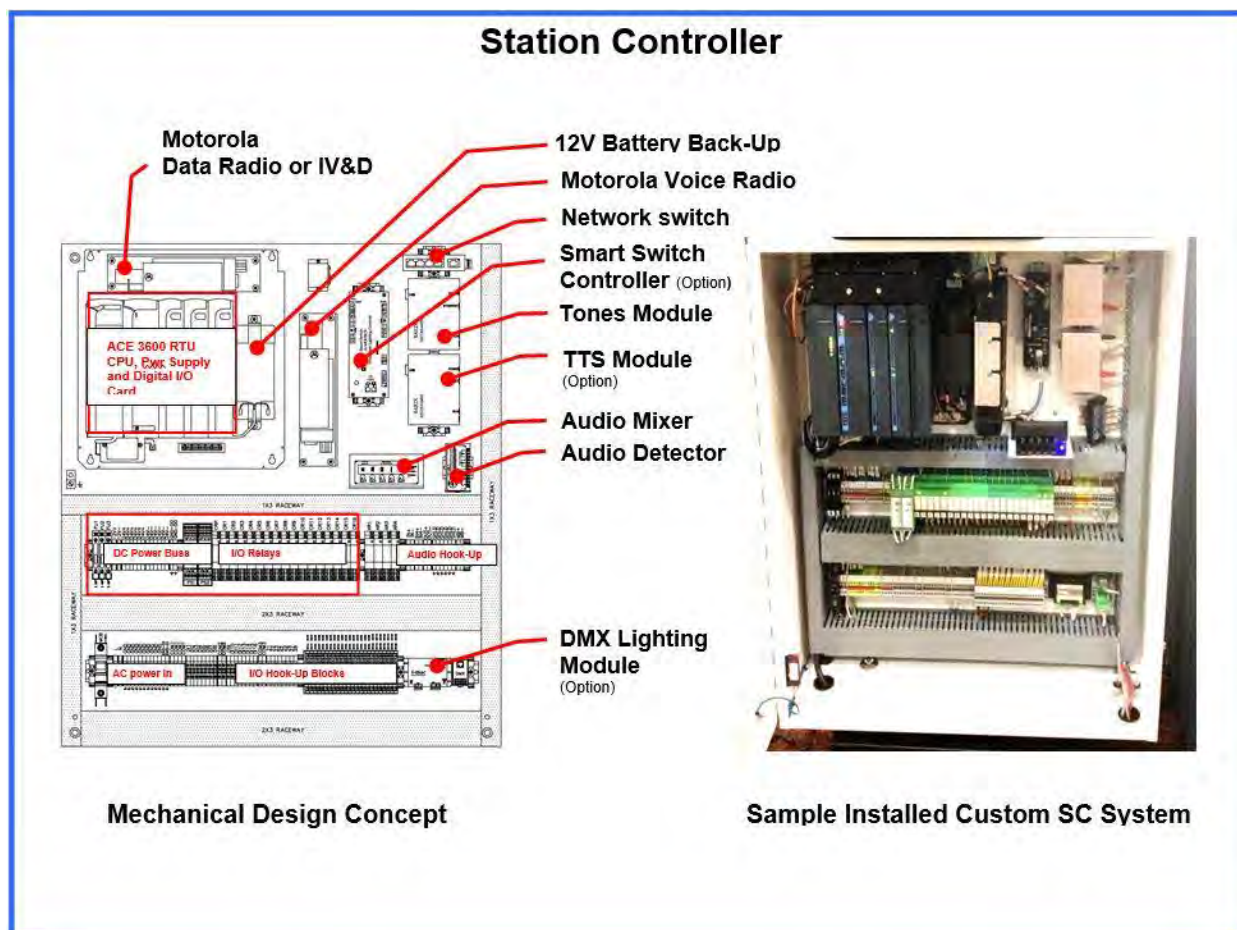
1.28 MACH ALERT STATION CONTROLLER

The *Mach Alert* Station Controller (SC) is a Motorola ACE3600-based high-performance RTU installed in a NEMA-1 wall-mount industrial panel. The SC is located at each fire station typically in a communications utility room. The SC processes information to and from the AIC and FSA Server, generates alert tones and provides station audio control including optional text-to-speech decoding.

The Station Controller (SC) is a modular unit containing the following hardware:

- Motorola ACE3600 Power Supply Module.
- Motorola ACE3600 CPU Module.
- Motorola ACE3600 Digital Input/Output Module - additional modules are available to support additional I/O functionality.
- Optional Motorola Radio(s) – space is provided within the SC to house one (1) Motorola Alerting Data Radio and (1) Motorola Voice Radio.
- Integrated 6.5 Ah Backup Battery.
- An XLR audio input is provided to interface with an optional external voice radio.
- A balanced line-level audio output connection is provided to interface with the fire station PA amplifier.
- A Tones module for the storage of audio tones. 35+ default tone library pre-loaded. Custom tones are supported.
- Optional TTS Module for in-station TTS.
- Audio mixer and audio relays to control the flow of audio to the station PA system.
- Live audio sensing device.
- 4-port Ethernet switch.
- Support for external Turnout Timers.
- 8 Digital Output Relays standard – may be purchased with up to 40 Output Relays for additional output control.
- 8 Digital Input Terminal Blocks standard – may be purchased with up to 24 Terminal Blocks for additional monitoring capability.
- Depending on the options purchased, the SC may also house supporting hardware for the LED Zoned Lighting System and Zone Selector Switches.
- Transient Voltage Surge Suppression.
- Automatically resets after an alert is completed in preparation for the next alert.

Below is a mechanical design view of the *Mach Alert* Station Controller:



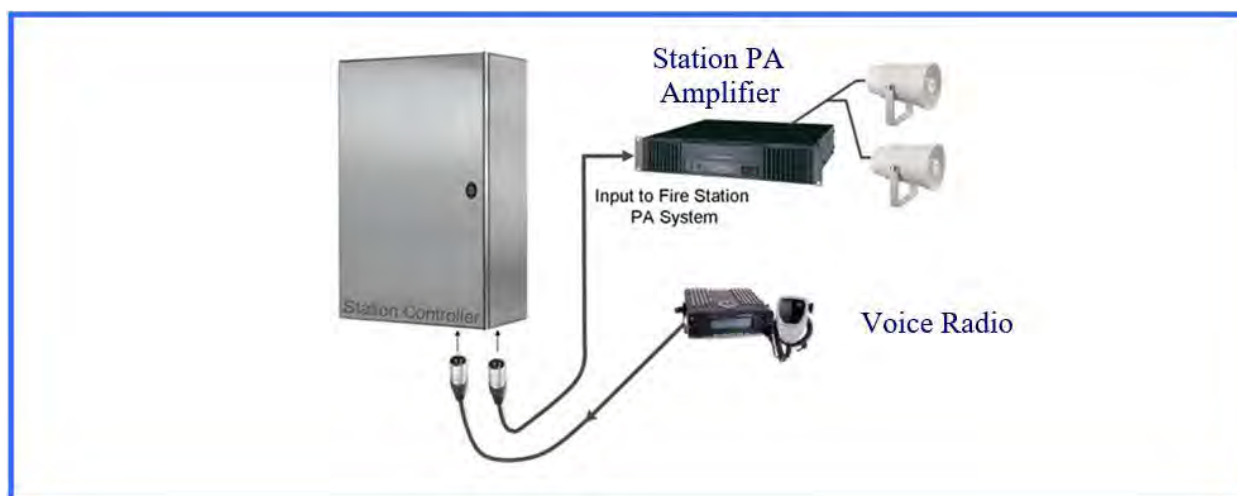
***Mach Alert* Station Controller**

1.29 STATION AUDIO ALERTING

The *Mach Alert* Station Controller hardware and software automatically controls the alerting process. When stations are alerted, unique alert tones are played over the station's PA system. To prevent additional stress, these tones are ramped ("heart saver"); that is, they start at low volumes and escalate in volume to a desired level for a specific period of time. The tones can also be unique based on incident type, apparatus, company, and/or personnel. They can include a combination of tone and recorded voice. Custom, user-supplied tones are a standard feature of the system design. Toned alerting meets NFPA 1221 recommendations.

Mach Alert provides several available options for providing audio to the fire station.

- An Audio Tones Module supplies ramped alert tones and a brief pre-recorded voice alert designating for the type of alert, followed by opening the station PA system for the dispatch operator to verbally alert personnel. This is a standard feature of *Mach Alert*.
- An optional Text-to-Speech (TTS) function can translate a CAD generated text string containing specifics of the alert message (or a type-written message generated via the dispatcher if there is no CAD in the system, or it is unavailable) into human-voice quality speech and transmit it over the IP network to the Station Controller as a compressed audio file for playback after completion of the locally stored alert tone.
- A TTS Over-the-Air (OTA) option is also available to provide the TTS announcement over the Motorola Radio System as opposed to over the IP network.



Mach Alert Station Audio

1.30 OPTIONAL SYSTEM FEATURES

Optional fire station auxiliary functions can be added to the *Mach Alert* FSA system to further enhance how a department responds to emergencies. Auxiliary functions may include, but are not limited to the following:

- *Mach Alert* Mobile App
- Incident Display Boards
- Zoned LED Lighting
- Turnout Timers
- “Rip-and-run” Thermal Printers
- LED Scrolling Message Boards
- Station Status Touchscreen
- Opening bay doors
- Manual acknowledgment to dispatch that the station was alerted
- Manual acknowledgment to dispatch that the first responder has exited the station
- Automating exhaust systems
- “Safe Zone” doorbells can be heard over the PA system
- Appliance shut-off (automatic upon alert or button push)
- Station audio and lighting zones
- Bunkroom zoning
- Monitoring station intrusion alarms
- Control of traffic signals
- Monitoring generators (on/off, failures)
- Status of appliances (on or off)
- Status of fire station alerting equipment
- Weatherproof NEMA-4, NEMA-4X, or extra-large enclosure options



SECTION 2

SYSTEMS INTEGRATION OVERVIEW

2.1 PROFESSIONAL INTEGRATION SERVICES

Motorola has organized project resources into a Systems Integration (SI) group to meet the needs of implementing the proposed Fire Station Alerting system. The Motorola Solutions SI organization is involved from system conception to system completion.

The Motorola SI group and services assembled for this proposed solution to DeKalb Fire is as follows:

- Motorola/Mach Alert Project Management for the entire project lifecycle.
- Motorola/Mach Alert System/Field Engineering support for system design, cutover planning, installation, programming, optimization, and acceptance testing.
- Installation of all Motorola supplied equipment including installation materials (i.e. terminated CAT6, 20/2 Shielded audio line, 18/6 shielded cable).
- End User Training.
- Includes final system as-built documentation.
- 1st Year Warranty Support for Motorola provided hardware.
- This solution will be installed, optimized, and tested by our dedicated Project Implementation Team.

2.2 PROJECT ASSUMPTIONS

Motorola has made the following assumptions in preparing this budgetary proposal. Proposal is subject to update in the case of invalid assumptions.

Customer is responsible for providing equipment floor/wall/desktop/rack space, main and back-up power sources (i.e. UPS, Generator, duplex AC outlets), site ground system (buss bar is available in same room as equipment), IP Network Customer Enterprise Network and Switches (available at Dispatch and each Fire Station), PA System, Incident Display Board monitors, wall penetrations, cable trays/support/conduit, Customer's Computer Aided Dispatch (CAD) system interface, secure, climate-controlled staging and storage space. In addition existing voice radios will be utilized for voice dispatching.

1st Year Warranty is Included. Maintenance and Support can be provided at an additional cost for a requested time period.



SECTION 3

BUDGET PRICING

3.1 EQUIPMENT AND SYSTEMS INTEGRATION

Note: Pricing has been provided for budgetary purposes only therefore this is not an offer for sale. Motorola and Customer will need to review and confirm scope, responsibilities, and scope, including conducting site walks, before a firm offering may be provided.

| Equipment and Systems Integration | Price |
|-----------------------------------|--------------|
| Fire Station Alerting Solution | \$387,039.83 |

3.2 MAINTENANCE AND SUPPORT AFTER WARRANTY

| Year | Price |
|--------|-------------|
| Year 2 | \$15,035.32 |
| Year 3 | \$15,035.32 |
| Year 4 | \$15,035.32 |
| Year 5 | \$15,035.32 |

| | |
|-----------------------|--------------------|
| Year 2-5 Total | \$60,141.28 |
|-----------------------|--------------------|

Includes local onsite response, repair and return, and remote tech support.

