



City of Eustis

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TO: EUSTIS CITY COMMISSION

FROM: TOM CARRINO, CITY MANAGER

DATE: OCTOBER 23, 2025

RE: Resolution Number 25-82: Approval of Purchase for USDD Phoenix G2 Fire Station Alerting System

Introduction:

The purpose of this staff report is to request approval for the purchase and installation of the US Digital Designs (USDD) Phoenix G2 Fire Station Alerting System to improve response times, reduce firefighter stress, and enhance community safety.

Recommended Action:

Staff recommends approval of Resolution Number 25-82. It is recommended that the City of Eustis Commission approve the purchase of the USDD Phoenix G2 Fire Station Alerting System from US Digital Designs (Motorola Solutions) for the total amount of \$113,995.30

Background:

Currently, our fire stations rely on radios, or PA systems to notify personnel of emergency incidents. While functional, this method has limitations including slower processing, simultaneous station-wide alerts that disrupt non-responding crews, and increased stress due to abrupt wake-ups.

The Phoenix G2 Fire Station Alerting System is an industry-leading solution designed specifically for emergency services. It provides:

- Multi-path redundancy – Dispatch information transmitted via multiple secure channels.
- Visual and audible alerts – LED lighting, message boards, and audio tones tailored to reduce stress.
- Integration – Seamlessly integrates with CAD (Computer-Aided Dispatch) systems.
- Speed – Reduces notification time compared to traditional radio paging.

These improvements directly impact firefighter health and wellness while increasing the efficiency of emergency responses. The Phoenix G2 system is widely used across the United States and has proven reliability in enhancing turnout times. Independent studies and NFPA 1221 recommendations support the benefits of modern station alerting

technology, including reduced cardiac strain from abrupt wakeups and improved overall response effectiveness.

The purchase aligns with the department's strategic goals of:

- Improving firefighter health and safety.
- Enhancing service delivery to the community.
- Modernizing station infrastructure to meet current standards.

Financial Impact:

The FY25-26 cost will be \$113,995.30, which is currently budgeted as part of the City's capital budget.

Prepared by:

Shawn Kelleher

Deputy Fire Chief, Eustis Fire Department

Resolution Number 25-82

Exhibit A to Resolution Number 25-82