

**CONFIRE**

STAFF REPORT

DATE: August 25, 2026

FROM: Nathan Cooke, Executive Director

BY: Renan Mamaril, MIS Director
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TO: CONFIRE Administrative Committee

SUBJECT: Purchase – Six (6) T1 Hardware and Software from Motorola Solutions

Recommendation

Approve the purchase of six (6) T1 hardware and software upgrades from Motorola Solutions, not to exceed \$103,400 (includes a 10% contingency for taxes and miscellaneous), to support our transition to the Valley Communication Center.

Background Information

As part of CONFIRE's transition to the Valley Communication Center, modifications are required to the telecommunications infrastructure used to transport 911 calls to the center. The original design contemplated using Frontier's existing copper infrastructure. During implementation, Frontier determined that the copper-based design was no longer viable due to capacity limitations, aging infrastructure, and the threat of recurring copper theft.

An engineering team from Frontier worked with Motorola to evaluate a fiber alternative. Motorola confirmed fiber was viable but would require specific hardware and software upgrades to the current equipment to ensure compatibility. This shift eliminates copper limitations and enables secure, direct call transport from the Lena site to Frontier's main facility in San Bernardino.

Based on this assessment, Frontier recommends transitioning to a fiber-based design using 12 trunks, prioritizing support for CONFIRE with six (6) dedicated T1 trunks, alongside six (6) trunks for the Sheriff. This configuration strengthens redundancy, enhances resiliency, and provides a more future-ready infrastructure, with particular focus on meeting CONFIRE's operational needs.

Financial Impact

The total cost is estimated to be \$103,400 and will be funded from Fund 5010 (General Reserves). This purchase meets the sole source purchasing requirements as we have an existing agreement with Motorola Solutions, and they are the sole distributor of the software/hardware.

Attachments

- Motorola Solutions Quote – Q# MSI4505356A-02
- 2026_08_Non-Competitive Justification Form – Motorola Solutions (TI Upgrades)