

Measure Z Purchase -Tablet Command Incident Management Software and Supporting Hardware and Software Integration Equipment

### **Fire Department**

City Council Meeting February 4, 2025



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# BACKGROUND

### Findings from Hawarden Incident

#### Operational Deficiencies Identified in After-Action Review (AAR):

- Significant gaps in incident command capabilities.
  - Reduced Tactical Efficiency.
  - Compromised Fire Safety.

#### Key Issues:

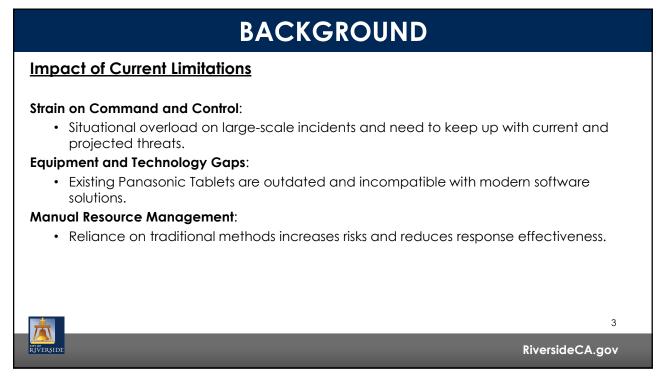
#### Lack of Real-Time Awareness and situational awareness:

- Fire resources were tracked manually using paper maps and verbal communication.
- Operational tracking and planning required significant effort.
- Limited CAD Access:
  - Only a few vehicles were equipped with devices connected to the Computer Aided Dispatch (CAD) system and mapping tools.
  - Chief Officers arriving later struggled to establish command and logistical support.



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# DISCUSSION

### Solution: Tablet Command Software

#### Overview:

- Real-time mapping and resource tracking.
- Streamlined communication and task assignment.
- Coordinated efforts with data visualization and predictive modeling.
- Widely used in the California Fire Service.

#### Key Benefits:

- Enhanced Situational Awareness: Real-time updates and resource visibility.
- Accelerated Response: Automated dispatch and optimized resource allocation.
- Improved Safety: Real-time personnel tracking and emergency alerts.

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# DISCUSSION

### **Required Hardware and Software Upgrades**

#### Internet Hardware:

- Cradle-point systems for seamless connectivity with all apparatus.
- Support for AT&T, Verizon, and satellite backup.

#### **Device Transition**:

- Panasonic Tablets to iPads for the Mobile Data Computer.
  - New mounts and charging systems for fleet-wide deployment.
  - Reduced hardware cost when transition is completed.

#### **Custom Integration:**

- Seamless data flow between Motorola CAD and Tablet Command.
- Real-time incident updates for all personnel.

#### **Operational Impact:**

- Ensures accurate, up-to-date information during emergencies.
- Supports efficient command and control across incidents.

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# DISCUSSION

### Addressing Hawarden AAR Deficiencies

#### Upgrades Address Key Challenges:

- Enhanced situational awareness.
- Improved command and control.
- Streamlined resource tracking and deployment.

#### Preparedness for Future Incidents:

- Modern technology and reliable connectivity ensure readiness.
- Improve Fire resource response.

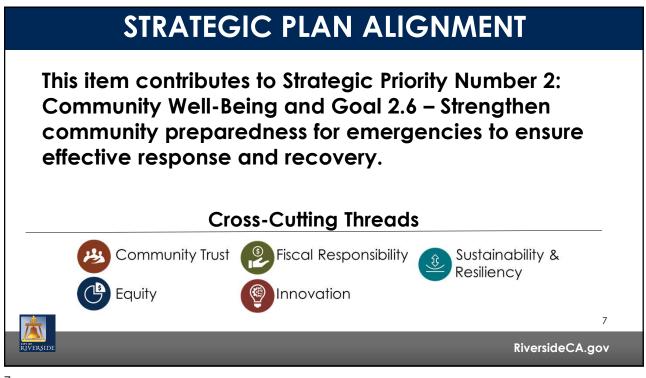
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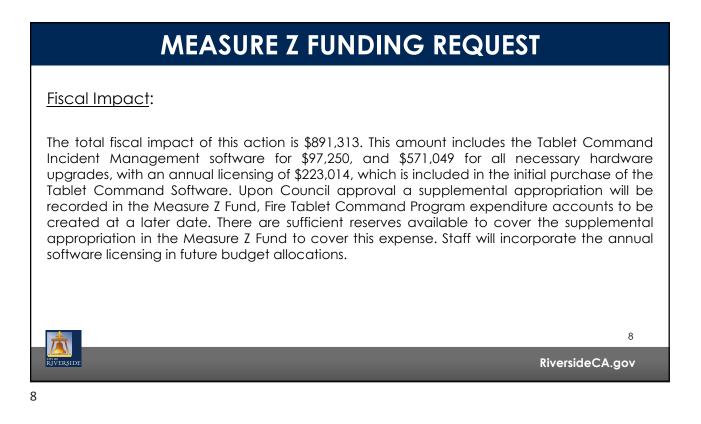
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# RECOMMENDATIONS

#### That the City Council:

- 1. Approve the purchase of a Tablet Command Incident Management Software System in the amount of \$97,250, and the second years Annual Subscription in the amount of \$74,750 from Tablet Command, Inc. for a total of \$172,000; and
- 2. Approve the purchase of the Motorola PremierOne Tablet Command Interface in the amount of \$9,221, and the second years Annual Maintenance Fee in the amount of \$3,394.25 from Motorola Solutions for a total of \$12,615.25; and
- 3. Approve the purchase and installation of 55 Cradle Point Router Kits and 21 Panorama Dual Antenna Solutions in the amount of \$429,288.99 and the first year's Annual Subscription renewal in the amount of \$144,869.46 from Johnson Equipment Company for a total of \$429,288.99; and
- 4. Approve the purchase of 71 Apple iPad Pro 13inch M4 512GB from Verizon through the NASPO Cooperative Master Agreement No. MA 152 Q1 2025 Price Sheet in the amount of \$132,539.23; and
- 5. With at least five affirmative votes, authorize the Chief Financial Officer, or designee, to record a Supplemental Appropriation in the amount of \$891,313 in the Measure Z Fund, for the Fire Tablet Command Program expenditure account from available fund balance to purchase a Tablet Command Incident Management Software System, that includes Supporting Integration Equipment and Hardware, and future annual Maintenance and Subscription Services; and
- 6. Authorize the City Manager or designee to approve future annual Maintenance and Subscription renewal years, and to execute all documents necessary including making minor and non-substantive changes.

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