



## 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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## BACKGROUND

### Impact of Current Limitations

#### **Strain on Command and Control:**

- Situational overload on large-scale incidents and need to keep up with current and projected threats.

#### **Equipment and Technology Gaps:**

- Existing Panasonic Tablets are outdated and incompatible with modern software solutions.

#### **Manual Resource Management:**

- Reliance on traditional methods increases risks and reduces response effectiveness.



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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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## STRATEGIC PLAN ALIGNMENT

**This item contributes to Strategic Priority Number 2: Community Well-Being and Goal 2.6 – Strengthen community preparedness for emergencies to ensure effective response and recovery.**

### Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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## MEASURE Z FUNDING REQUEST

### Fiscal Impact:

The total fiscal impact of this action is \$891,313. This amount includes the Tablet Command Incident Management software for \$97,250, and \$571,049 for all necessary hardware upgrades, with an annual licensing of \$223,014, which is included in the initial purchase of the Tablet Command Software. Upon Council approval a supplemental appropriation will be recorded in the Measure Z Fund, Fire Tablet Command Program expenditure accounts to be created at a later date. There are sufficient reserves available to cover the supplemental appropriation in the Measure Z Fund to cover this expense. Staff will incorporate the annual software licensing in future budget allocations.



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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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