



REPORT TO COUNCIL

City of Sacramento

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CONSENT
February 5, 2008

Honorable Mayor and
Members of the City Council

**Title: Agreement: Consultant and Professional Services Agreement with M1
Consulting Group**

Location/Council District: Citywide

Recommendation: Adopt a **Resolution** authorizing the City Manager to execute a 48-week Professional Services Agreement with M1 Consulting Group for professional services for the Public Safety Information Technology Section (Police and Fire), in an amount not to exceed \$194,400.

Contact: Jim Maccoun, Captain 433-0400; Brian Dabel, Public Safety I.T. Manager, 433-0400; Ray Jones, Fire Chief, 264-8100

Presenter(s): Not applicable

Department: Police

Division: Public Safety Information and Technological Services

Organization No: 2158

Description/Analysis

Issue: The Police Department has engaged in a series of technology and process improvements under the auspices of the Automate Information System (AIS) Project. This project includes the replacement of the Department's existing automated systems, installation of a digital mug shot system and implementation of a paperless Mobile Report Entry (MRE) system that includes Automated Workflow and Case Management.

This recommended contract is a continuation of work previously performed by the principal solution architect of M1 Consulting Group for the Public Safety Information Technology Section. As a result, the recommended vendor has gained an extensive working knowledge of the departments' systems and business practices. For these reasons, staff recommends continuing this agreement with M1 Consulting Group.

Policy Considerations:

This recommendation is consistent with the adopted Strategic Planning – Strategic Budgeting public safety focus area.

Environmental Considerations: This activity is not subject to the California Environmental Quality Act (CEQA) because it does not constitute a “project” as defined in section 15378 of the CEQA Guidelines, and is otherwise exempt pursuant to section 15061(b) (3) (no significant effect on the environment) of the CEQA Guidelines.

Commission/Committee Action: None.

Rationale for Recommendation: This contract is a continuation of work previously performed by the principal solution architect of M1 Consulting Group for the Public Safety Information Technology Section. As a result, the recommended vendor has gained an extensive working knowledge of Department systems and business practices. M1 Consulting Group is providing project management as well as support for Public Safety mission critical services. These services, and associated expertise, can not be replicated by existing staff and resources. The vendor’s hourly rate remains the same as in the previous contract. Therefore, this contract provides the best value in terms of both efficiency and economy for the City.

Financial Considerations: The cost for M1 Consulting Group services will be paid from existing General Fund resources. The estimated delivery schedule of 30 hours per week over a 48-week period will be split between the Police and Fire departments at 20 hours and 10 hours per week, respectively. The Police Department has been in contract with M1 Consulting Group since FY2005/06 and has expended a total of \$439,300.

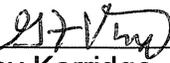
Emerging Small Business Development (ESBD): M1 Consulting Group is certified as an ESBD, vendor code number M1C500000P.

Respectfully Submitted by: 
Jim Maccoun, Police Captain

Approved by: 
Rick Braziel, Chief of Police

Approved by: 
Ray Jones, Fire Chief

Recommendation Approved:


for Ray Kerridge
City Manager

Ref: COP 1-5

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Attachment 1**Background**

The Police Department has engaged in a series of technology and process improvements under the auspices of the Automated Information System (AIS) Project. This Project includes the replacement of the Department's existing automated systems, installation of a digital mug shot system and implementation of a paperless Mobile Report Entry (MRE) system that includes Automated Workflow and Case Management.

This contract is a continuation of work previously performed by the principal solution architect of M1 Consulting Group for the Public Safety Information Technology Section. As a result, the recommended vendor has gained an extensive working knowledge of the departments' systems and business practices. Continuing with M1 Consulting Group provides the best efficiency and economy to the City. Following purchases of hardware and software previously approved by Council, staff has engaged in work that has already resulted in an increase in officer efficiency and public safety:

- Implemented License Plate Reader technology, the Best of California's 2007 Most Innovative use of Technology award winner for the Police Department;
- Implemented a new wireless data network;
- Replaced obsolete Mobile Terminals with state of the art Mobile Computers;
- Provided officers in the field with access to systems previously unavailable in a mobile environment;
- Replaced the Department's legacy Computer Aided Dispatch (CAD) system and Records Management System (RMS);
- Deployed Mobile Report Entry (MRE) to the patrol personnel who now enter their police reports electronically; and
- Activated Automated Vehicle Locator (AVL) to enhance use of front line police resources in response to emergencies.

The scope of services with M1 Consulting Group will allow for the upgrade and advancement of this leading edge public safety infrastructure and programs. M1 Consulting Group will provide technical services, support and project management administered through the Public Safety Information Technology Section.

An outline of the scope of services includes:

- Further enhance and develop the Regional License Plate Recognition program to provide input and support from other agencies, fixed, covert and mobile camera systems;
- Assist the SPD team to implement, test, document, train and roll-out of the Automated Software Update Project;
- Provide technical support and enhance development of the SPD Bait Car Systems;
- Assist network team to implement Radio-IP cluster support;

- Assist network team in rolling out a third network with Radio-IP including the:
 - a. Selection and testing of the Radio modem solution
 - b. In-vehicle systems integration
 - c. Scenario based solution testing
- Examine support issues around the current Mobile Data Computer solution and develop a support plan spanning the time/budget constraints until the system will be upgraded;
- Begin R&D work for the new in vehicle Mobile Data Computer solution;
- Continued design and implementation of the new SPD vehicle interior design;
- Research, design and test new innovative, wearable, wireless video applications for Motor Officers, SWAT, disposable robots and covert operations;
- Research, design and implement new Rapid Deployment Network for integration of the MIC, HNT, SWAT and peripheral robots;
- Research, design and test new innovative, wearable, wireless video applications for Motor Officers, SWAT, SID, robots, small UAV and covert operations;
- Assist with the testing and implementation of a Night Vision Goggle (NVG) cockpit with the air unit;
- Begin R&D work for a new Airborne computer system for use in the helicopters and fixed wing aircraft;
- Begin R&D work for an airborne digital video recorder system for the aircraft;
- Provide on-going microwave video downlink and computer systems support for the SPD Air Unit.
- Assist with the implementation and testing of the new Helicopter Video Downlink systems upgrade plus further application development:
 - a. Test the new Improved hardware platform
 - b. Install and test the Versaterm browse calls feature by sector
 - c. Design and install an additional mapping navigation system for calls outside the city/county;
- Design a video downlink post-processing system for use in the Hall of Honor for major incidents providing the ability to:
 - a. Freeze frame live video
 - b. Provide a digital "virtual hover"
 - c. Annotate and store the video to quickly e-mail or stream to a dedicated WEBserver for sharing with other agencies or departments
 - d. Provide the ability to quickly delay-play a real-time incident in slow motion
- Begin the research and design to examine the benefits of a new digital based COFDM video down-link solution.
- Work with the SPD CAD team to integrate Helicopter GPS, Bait car GPS, and Cell phone GPS into the SPD mapping system;
- Examine feasibility and perform design work to help eliminate the 20% of remaining paper reports. Pilot new Digital Pen technology and integration.

Attachment 2

RESOLUTION NO.

Adopted by the Sacramento City Council

AUTHORIZATION FOR THE CITY MANAGER TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH M1 CONSULTING GROUP.

BACKGROUND

- A. The Sacramento Police Department and Sacramento Fire Department, through the consolidated Public Safety Information Technology Section, endeavor to provide leading edge public safety infrastructure and programs.
- B. The scope of services with M1 Consulting Group will allow for the upgrade and advancement of this leading edge public safety infrastructure and programs. M1 Consulting Group will provide technical services, support, and project management administered through the Public Safety Information Technology Services Section.
- C. This contract is a continuation of work previously performed by the principal solution architect of M1 Consulting Group for the Public Safety Information Technology Section. As a result, M1 Consulting Group has gained an extensive working knowledge of the Departments' systems and business practices. To continue with the recommended vendor provides the best efficiency and economy to the City.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The City Manager, or a designated representative, is authorized to execute a 48-week Professional Services Agreement with M1 Consulting Group for consultant and professional services for the Public Safety Information Technology Section (Police and Fire), in an amount not to exceed \$194,400