

CITY OF SACRAMENTO
POLICE DEPARTMENT

INTEGRATED AUTOMATED
INFORMATION SYSTEM PROJECT

Request For Information/Qualifications

March 1997

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1. ADMINISTRATIVE OVERVIEW

1.1 INTRODUCTION

The Sacramento Police Department (SPD) has identified the need and the funding to upgrade its existing information systems. SPD is soliciting responses from qualified system integrators to this Request for Information and Qualifications as to how they would approach a project to provide and implement a fully-functional, turn-key Automated Information System (AIS) including:

- Computer Aided Dispatch (CAD) and Mapping
- Records Management System (RMS)
- Mobile Computing Network/Automated Field Reporting (AFR)

The scope of this project includes, but is not limited to, supplying all necessary hardware, software, integration and installation services, conversion, training, project management, maintenance and support.

The SPD also desires to incorporate the following application areas into the AIS:

- Electronic Mugshot Imaging
- Automated Fingerprint Identification Systems
- Document Imaging
- Automated Vehicle Locators

Vendors submitting response should:

- Ensure that CAD, RMS, Mobile Data Computers (MDC) and all other sub-systems are designed to operate as a single integrated system that reduces redundant data entry and improves information flow
- Develop a strategy that clearly identifies technical and operational requirements to improve productivity and service delivery by the SPD
- Accommodate integration, coordination and regulatory requirements with other regional, state and federal agencies
- Identify the steps that should be taken to successfully implement a user friendly system
- Address the need for open systems architectures to maximize flexibility, interoperability, and portability of systems
- Facilitate the implementation of these improvements in a cost effective manner

1.2 REQUEST FOR INFORMATION AND QUALIFICATIONS

Experience

The SPD is seeking information about prospective proposers' qualifications in regard to this project. Specifically, the SPD requests that responses to this document include a list of similarly complex projects undertaken within the previous three years. Information regarding projects performed for public safety agencies is of particular interest, but such direct experience is not required. Responses may include a more lengthy list, even if accomplished more than three years ago, to aid in establishing the company's credentials. This list should include the location and nature of the project, the name of a contact person at the agency for which the work was performed, and the starting and the completion dates for the project. For each project, describe how the work performed relates to the project that is described in this document. The description should include the agency, as well as the size and complexity of the project.

Pre-Qualification

The responses to this RFI will determine the necessity for proceeding with a formal Request for Proposals (RFP). The information provided to the SPD will be used to narrow the field of prospective proposers that will either receive a formal RFP or be asked to informally compete with a few other firms by receiving the portions of the RFP now in existence which detail the desired systems' functional requirements. The SPD may bypass formal competition and negotiate with the best suited proposer to complete this project successfully and in a timely manner. A demonstrated ability in the public safety integration field will be a factor in the selection of the integrator for this effort.

Various companies may combine resources when responding. In such instances, the SPD will require the designation of a prime Proposer to be accountable for the entire proposal and contract.

Purpose of Document

This Request for Information/Qualifications, hereinafter referred to as "RFI," provides interested system integrators with the information required to prepare and submit responses to the SPD that detail their approach to implementing a comprehensive, turn-key public safety automated information system (AIS) with supporting operating system, application software, and hardware needed to meet SPD's functional requirements.

One of the goals of the RFI process is for SPD to learn from prospective proposers how they would address the functional issues presented in this project. The SPD is open to suggestions as to how to improve the project over the direction outlined in this document.

The SPD intends to select the most advantageous viable approach to this project from those proposed. Proposers must bear in mind however, that the public safety nature of

the system will require the highest level of confidence on the part of SPD and other City of Sacramento staff that the proposed solution is sound.

The SPD is aware of current industry technologies and is seeking a balance between mainstream and state-of-the-art technology. The SPD wants to employ solutions that will prolong the life of the new system and postpone the need for replacement. With this in mind, the SPD envisions that the AIS will be based upon advanced, yet proven technology that is derived from current industry standards. This technology will likely employ distributed data processing techniques, a graphical user interface, and both wide area and local area networking technologies. The SPD requires an open architecture for both the hardware and software components.

The SPD Project Manager, herein after referred to as the Project Manager, will coordinate all activities associated with this RFI and will be the official contact point with prospective proposers. It will be the objective of all staff coordinating this activity to provide fair and equal information and assistance to all vendors.

1.3. BACKGROUND

1.3.1. The Project

The Sacramento Police Department applied for and received a grant of \$7 million from the Federal COPS MORE program to implement a Mobile Technology Integration Project. Additional funds will be added to the project budget. The grant funds the implementation of an Automated Field Reporting (AFR) program that will allow field officers to take reports using laptop computers or similar devices. The reports will then be transmitted via wireless technology to a supervisor for review and then into RMS. This automated reporting system will replace the current paper based incident reporting system. Since the department's existing RMS and CAD systems are unable to accommodate the "year 2000" and are antiquated and operating beyond design capacity, it is necessary to replace them while implementing the AFR program. This will allow for complete integration of all automated information systems within the Police Department into a comprehensive Automated Information System (AIS).

1.3.2. The City of Sacramento

The City of Sacramento is the Capital of California with a current population of approximately 384,800. The geographical location of the City is approximately 85 miles east of San Francisco and encompasses an urban service area of approximately 97 square miles. Sacramento experiences a large influx of business people, shoppers and tourists that affect Sacramento's population, almost doubling its size on a daily basis. These population increases contribute to a public safety workload disproportionate to the resident population.

1.3.3. The Police Department

The Sacramento Police Department currently has 613 sworn full-duty police officers. Approximately 347 civilian clerical and professional employees support dispatch, administrative and management functions. A Chief of Police heads the department. There are four major Bureaus (Office of the Chief, Office of Administration Services, Office of Operations, and Office of Investigations), that comprise the SPD.

Police administration and other functional units are currently located in the Hall of Justice building at 813 Sixth street. Staff assigned to this building will be moving to a new administration building located at 900 8th Street by the middle of April 1997. The Department expects to have the following locations that will require access to the new AIS:

Administration Building	900 - 8th Street
North Area Police Facility	3550 Marysville Boulevard
South Area Police Facility	5303 Franklin Boulevard
Communications Center	
Police Annex	625 H Street
Property Warehouse	555 Sequoia Pacific
Internal Investigations	1129 - 10th Street
County Courthouse	720 - 9th Street
Court Liaison	901 G Street
District Attorney's Office	901 G Street
Communications Academy	640 Bercut Drive
County Probation	3201 Florin-Perkins Road 7222 - 24th Street
Firehouse Community Center	810 Grand Avenue
Arden Fair Mall Security	1689 Arden Way
Kaiser Hospital NPO Office	6600 Bruceville Road
Fire Administration Building	1231 I Street

1.3.4. Current Systems Environment

The Records Division

The department's Records Division is located in the Administration building and utilizes a PRC RMS system installed in 1988. Currently, reports are processed by the records division via "hard copy." Whenever a report is taken by an officer in the field, a hand written or typed report is generated and sent to the Records Division. The Records Division personnel copy and route the reports to Investigations, District Attorney Packaging, and Crime Analysis. The report is then entered into the records management system. Telephonic reports taken by Records employees are keyed directly into the RMS system. After the report has been entered, the original "hard copy" is manually stored within the Records Division filing system. The Records Division maintains all original reports generated by the Police Department. Only photo copies of the originals are released from the division.

Records Management System

Currently the Sacramento Police Department runs a combined Computer Aided Dispatch System (CAD) and Records Management System (RMS), 7 days a week/24 hours a day. The Planning Research Corporation (PRC) RMS was installed as part of a PRC total system in 1988 and has been modified to accommodate the specialized needs of the department. It is incident based and stores Police reports including Incident information, Names, Locations, Vehicles, and Property, along with information used for Crime Analysis, Gang Tracking, and Detective Case Management. As reports are entered, the system accumulates statistical data for monthly and yearly reporting to the California Department of Justice Law Enforcement Information Center. Approximately 150,000 new incident reports are entered into RMS each year.

The current RMS is designed to operate as a component in a combined Message Switch System (MSS), Computer Aided Dispatch (CAD) and Records Management System environment.

Normally the CAD runs on one processor and the RMS on a dual identical processor with a shared disk array. A Message Switch System resides in each and serves as the communications manager between the computers and the terminal network. The MSS front-ends both the RMS and CAD systems, and provides a link to external systems such as the California Law Enforcement Telecommunications System (CLETS) and the National Law Enforcement Telecommunications System (NLETS). If either processor fails, one or both applications can be run on either processor until the problem is resolved.

The CAD system supports a geofile for address verification, a control file for Call (CAD incident) and Report Number assignment, a dynamic record of current incidents, and a premise history file. The premise history file is used to store hazard and caution information which is relayed to officers being dispatched. The geofile provides information for address processing by the RMS and CAD systems. Therefore, the RMS and the CAD transactions have locations verified and reporting areas assigned in the same manner.

Each activity relating to a crime or call for service which requires a follow-up report is assigned a report number by the CAD system. Once the incident has been processed by the CAD system a portion of that information is transferred to the RMS. The incident information is stored, updated, and processed in the Records Management System to create records and provide statistical reports.

The Communications Center

The Sacramento Police Departments Communication Center (SPDCC) is a 24 hour a day operation. SPDCC is the primary Public Safety Answering Point (PSAP) for the City. SPDCC is responsible for all police dispatch activities. SPDCC call takers route calls for fire or EMS services to the secondary PSAP which is operated by the Sacramento Regional Fire Communications Center (SRFCC). All fire and EMS dispatch is handled through that dispatch center. Fire and EMS dispatching are not part of this project, however, there will be issues relative to communications between the two systems. The possibility that these centers may eventually be co-located should be considered.

SPDCC processed approximately 1,000,000 calls in 1996. SPD's CAD system generated 441,619 incidents for service in 1996, of which 121,953 were self-initiated by field units. All incidents for service in 1996 generated 101,944 police reports. Considerably less than half of all incidents generated result in an arrest.

Computer Aided Dispatch- The SPD acquired its existing CAD system from PRC in 1986. The SPDCC has 31 workstations which communicate with dual Digital Equipment Corporation (DEC) VAX4106A processors in a Pathworks environment using an Ethernet network.

- * 6 of these workstations are designated as radio dispatch. Of the 6 radio dispatch workstations, 2 are designated as supervisory.
- * 15 workstations are designated as call taker positions. Of the 15 call taker workstations, 4 are dedicated to specific functions and 1 is designated as supervisory.
- * 9 workstations are designated as administrative workstations, 1 is configured as an administrative dispatch workstation.
- * one (1) workstation is configured as an Administrator workstation for the purpose of administering the Pathworks network.

Mobile Computing

The department currently has a variety of Motorola 9100 and Mobile Data International (MDI) MDTs installed in 192 vehicles. These MDTs function as dumb terminals and allow data retrieval from CAD, RMS(limited) and several law enforcement telecommunications systems. The MDTs enable point to point messages and CAD status changes. The MDTs are supported by four 800 MHZ data channels operating at 4800 BAUD.

There is a local proposal, yet to be finalized, that would result in the "pooling" of the department's four (4) 800 MHZ data channels with the four (4) of the Sacramento County Sheriff's Department. This would require an upgrade of the current frequencies to 19.2 Kbps and would make additional bandwidth available,

but require the use of different transmission protocols. The SPD is open to all proposals on the most efficient and secure ways to transmit the data we hope to send wirelessly. Bandwidth will likely be at a premium sometime after system implementation as users begin to take advantage of the system's new capabilities. The proposers ideas and experience in data compression technology will be most helpful in evaluating proposals.

1.4. PROJECT OBJECTIVES

To design, procure, implement and maintain a comprehensive Automated Information System (AIS) which enhances and supports the department's need for collecting, analyzing, and disseminating information.

To eliminate redundant data entry and enhance current day-to-day operations by combining the functions of most of the existing stand-alone and redundant systems into a single comprehensive system.

To provide an automated environment that enhances and supports the apprehension and successful prosecution of criminals by providing timely, accurate and secure data.

To ensure that field officers realize a significant decrease in the amount of time required to complete reports and retrieve information in the course of their duties.

To accomplish the preceding objectives in a cost effective manner.

1.5 GLOBAL SYSTEM EXPECTATIONS

Global expectations are those that apply to or effect all areas of the AIS. There are a number of global requirements that span all the major technical and project areas, including those mentioned below.

Effective/Efficient Business Process

The expectation of the SPD is that any system integrator interested in this project will first plan to evaluate the SPD's business processes and make recommendations to improve those processes in accordance with the project objectives.

Relational Data Base

An extremely flexible and powerful relational data base should be the core integrating factor of the any proposed AIS.

Mapping

The SPD wishes to include a comprehensive mapping application into the AIS which is accessible and usable from any screen/area within the system. The ability to graphically depict crime statistics or query the data base for information pertaining only to a specific user defined geographic area is desired. Ideally, the users would have the ability to pull up a map of the City of Sacramento and to graphically outline areas to further examine location and incident data.

Personnel File Module

An integrated, system-wide personnel module is essential to the new AIS. The SPD desires a system that allows for easy up-dating of each employee's assignment, training records, personal information, and current log on status. The personnel module would include CAD scheduling functions as well.

System Interfaces

Any proposed AIS should be able to fully integrate with all existing and proposed technologies including, but not limited to:

- * Existing 9-1-1 Telephone Technology
- * Existing City GIS (ARC-INFO)
- * Automated Field Reporting (AFR)
- * Automated Vehicle Locators (AVL)
- * Automated Fingerprint Identification Systems (AFIS)
- * Photo, Document Imaging and Mapping technology
- * Interfaces to both internal and external systems

Ad-Hoc Reporting

An easy to use ad-hoc reporting tool that provides such information as crime statistics broken down by city, sector, district or user defined areas/criteria is essential. This information must be easily accessible to any user and exportable to a standard desktop application, but specifically available to the patrol officer or investigator. Security measures must restrict access to authorized system users.

Pre-Formatted Reports

Management and operational information that supports strategic and tactical decision making as well as resource deployment planning is a key expectation of the new AIS.

System Reliability/Availability and Access

The entire AIS is expected to maintain at least a 99% “up time” record annually. The public safety mission requires consistent operations. No “down time” should be required due to routine maintenance and back up procedures. The system should also allow for real-time data access at multiple on and off-site locations.

Integrator Support

The selected integrator must provide 24 hour a day, 365 days per year support for the entire system throughout the implementation phase and beyond.

Security

System security must be impeccable. Flexibility to restrict access to each subsection of the system and the ability to create custom security profiles for individual system users will be required. Comprehensive audit trails must document system inquiries.

Response Time

This is defined as the interval that elapses from the moment the user presses the “enter” key or “clicks” a mouse button to the moment the last character of the computer's reply is received and control is returned to the workstation. The SPD expects the system to meet the following response time requirements:

Expected CAD Response Times

Keyboard Release Time	<1 Second
Transaction Response	1 Second
Local Records/Warrants Check	1 Second
Address Verifications	<1 Second

Expected RMS Response Times

Keyboard Release Time	1 Second
Master Name Index Check	2 Seconds
Vehicle Check	2 Seconds
Warrant Check	2 Seconds
Complex Record Searches	10 Seconds
Image Retrieval	15 Seconds

1.6 MAJOR SYSTEM MODULE EXPECTATIONS

1.6.1. Records Management and Computer Aided Dispatch Systems

RMS Objectives

The SPD seeks to replace its current RMS with one that employs state of the art technology in hardware, networking, database and application software. The RMS must integrate seamlessly with the new CAD system, in order to provide an effective solution to the department's information needs.

The new system must fully support, at a minimum, the following high order objectives:

- * "Seamless" continuity and integration of RMS incident, person, vehicle, etc. record files and record data with CAD event, person, vehicle, etc.
- * Direct entry of all initial and supplemental reports at the point of origin without any need for an intermediate, dedicated data entry staff.
- * A user definable, table driven, automated report distribution tool, that allows for the electronic dissemination of any number of reports to any number of user locations without the need for manual copying and routing. This system must be extendible to other criminal justice agencies.
- * Preformatted standardized reports, used by the SPD, for various purposes.
- * Interconnectability to state-of-the-art technologies such as: Digital Photo Imaging, Automatic Fingerprint Identification System (AFIS), and Geographical Information Systems (GIS).

Modules desired in a new RMS system would be as follows:

- Master Name, Vehicle, Location and Premise Indexes
- Records Administration
- Arrest/Booking Information
- Citation and Collision Tracking
- Evidence and Property Tracking
- Field Interview Tracking
- Registrant Tracking
- Investigation Case Management
- Crime Analysis
- Wants Tracking
- Permits and License Tracking
- Personnel Administration & Records Maintenance
- Staffing and Scheduling Administration
- Training Administration
- Injury Tracking

- Inventory Administration
- Field Reporting
- Ad-Hoc Reporting
- Federal and State Statistical Reporting (Including Uniform Crime Reporting (UCR) and National Incident Based Reporting System (NIBRS)).
- Management Reporting
- Internal Affairs Investigations

The RMS system should also provide interfaces and/or alternative options to provide access to the following:

- Computer Aided Dispatch System
- Mobile Data Computers
- Integrated CLETS/NCIC Access
- County System Access
- City System Access
- Photo Imaging Interface
- Sacramento Regional Fire Communications Center CAD/RMS
- Geographical information system (GIS) to provide for digital mapping and crime analysis reporting.

CAD System Objectives

The intent of the SPD is to replace the current PRC MACRO CAD system. The functions required of the new system must include, but are not limited to:

- Efficient, timely processing of calls for service and field initiated incidents
- Providing accurate unit recommendations
- Efficient, timely tracking of police unit status

The desired system should provide flexible and effective interfaces and or alternative options to access the following system/programs:

- CLETS/National Crime Information Center (NCIC) access, including user programmable entry input screens/masks
- Records Management System
- Mobile Data Computers
- Automatic Vehicle Locators
- E911 data interface, 800 MHZ Radio System interface, TTY/TDD interface
- Sacramento Regional Fire Communications Center CAD/RMS

Geographic Information - The application must provide a geographic subsystem that will facilitate recommendation of appropriate emergency responders. The user(s) must be able to control, modify and bypass the geographic subsystem. The system must also provide a method to track and report specific common place locations to be used in the incident create process allowing the operator to create an incident without searching for the physical address for the common place location. Common place records must be automatically reconciled with the records in the geographic subsystem.

Citizen-Officer Safety/Hazard Information - The application shall provide means to track and report hazard and/or previous incident information in a manner that facilitates citizen and emergency field responders safety procedures. Displayed warnings must not interrupt operations.

Status Management of Emergency Field Responders - The application shall provide a means to display current status of all emergency field responders at all times. The application shall provide the means for real time updates to the status of any emergency responder(s) regardless of service type or console assignment.

General Interface Requirements - All critical incident processing shall be preemptive to the interface applications. The system shall have multi tasking abilities and allow the operator to return quickly to the more critical tasks when appropriate.

Reports - The application must provide a method of briefing/notifying oncoming shifts of significant incidents. The system must provide a method to report incidents and personnel activity in geographic specific parameters, crime specific parameters, date/time parameters, and call hold/response time parameters. The system must provide a report that will facilitate manual dispatching in the event of a system failure.

1.6.2. Mobile Computing Network/Automated Field Reporting

Currently the officer in the field requests a report number from the CAD system either using the MDT or by contacting radio dispatch. The officer then writes the paper report by hand. The Records Division keys the reports in the RMS.

The SPD plans to implement a complete Mobile Computing System (MCS). While access to the entire AIS from mobile workstations is mandatory, SPD is willing to consider modifying some transactions so as not to overwhelm the wireless data transmission system. Point to point Messaging, CAD status and incident information, mapping data and reference materials are required in the mobile workstations. Further, a comprehensive Automated Field Reporting system (AFR) is required. The intent of the Mobile Computing System (MCS) is

to automate the existing field reporting process and to enhance the SPD's capabilities. The proposed solution should include the following:

- * Equivalent functionality to that provided by the current MDT's, including full access to state and NCIC databases, messaging between units, and the download of call data from the CAD System.
- * Field data entry of all reports.
- * Access to appropriate legal codes, city ordinances, department orders, roll call training bulletins, the Law Enforcement Legal Reporter, the California Legal Resource Book, and other SPD information databases.
- * Local database of premise information
- * Access to digital mugshots

The proposer must describe each proposed component. Include in the description the recommended make and model of the hardware. Also include the recommended memory requirements and data storage capacity. The proposer must describe how they plan to implement mobile computing.

1.6.3. Document Imaging

The Sacramento Police Department is involved in two pilot imaging projects. The first system is being utilized to scan and index arrest data (indexed by SPD number, arrest, date, and name). A backfile conversion of approximately 400,000 pages of arrest data is in progress. All images are being placed on WORM optical disks. The hardware involved in this pilot includes 3 workstations, 1 single sided scanner, and 1 jukebox.

The Personnel Division is also operating an imaging system. This system captures images of training and personnel records and indexes them against a database of employee names. A document that pertains to multiple employees is captured once and referenced to all affected employees.

The SPD intends to include these functions and data into the new system. While it would be advantageous to also integrate the associated hardware, it is not mandatory.

Document Imaging Objectives

The SPD intends to include an electronic document imaging system as part of the AIS project. The ultimate goal of obtaining a document imaging system would be to greatly reduce paper handling and storage, as well as automating the retrieval of these document images. Forms from outside agencies, along with SPD forms that are used infrequently are inappropriate for conversion to electronic reporting

formats. The system is must be capable of digitally capturing a physical document and attaching it to an electronic record.

1.6.4. Photo Imaging

The SPD intends to acquire a photo imaging system which contains automated mug shot functions, utilizing a computerized capture, storage and retrieval network. This imaging system shall be of such a design that it can be part of a future wide area network of Sacramento area law enforcement agencies, which will enable the participating agencies to electronically share photo images.

Photo Processing- Current State

A nonautomated process is currently being utilized by the department in the handling of mug shots photos. The system consists of 4 capture sites:

- * County Jail (adult arrests)
- * Juvenile Hall (juvenile arrests)
- * County Courthouse (registrants, citations)
- * ID Section (walkthrough bookings)

The photos are captured on 35mm film and the film is subsequently forwarded to ID section for processing. The ID section develops, cuts and files the finished product by hand.

The printing of mug shots is only performed in response to requests. When a request for a photo is received, the negative is pulled from the file, printed, and then the negative is refiled. In 1995, there were approximately 10,000 mug requests. Approximately 20 hours a week is required to maintain and fulfill mug shot requests.

All law enforcement agencies in the county recently participated in an evaluation of available automated mug shot systems. The intent was to implement a county wide system. After a comprehensive evaluation, all agencies selected TFP Inc. as the vendor and system of choice for this application. Unfortunately, funding for this regional project became unavailable.

The Sacramento County Sheriff's Department has decided to move forward in the immediate future with the lease/purchase of the TFP system for their use. SPD is involved in discussions with the Sheriff's Department, the goal being a joint agency system that will be in place prior to contract signing for this project.

Proposers will be advised of the status of this effort as developments warrant during the proposal period. The information that follows is provided in the event the joint system does not materialize.

Photo Imaging Objectives

The photo imaging system must provide the SPD with the capability of capturing photo images in a minimal number of steps, and accessing these images in a timely manner. Any proposed system shall be capable of rapid retrieval, display and transmission of reasonably sized image files. Proposers should indicate the retrieval speed and image size that can be expected with their proposal.

The ability of field officers to view mug shot images at mobile workstations is highly desirable. SPD remains open to the possibility that it may be necessary to limit retrieval in the field to small greyscale images and does not view this as problematic, so long as the size and resolution of the image would allow accurate identification of an individual in the field.

The system must have the ability to fully integrate with any proposed RMS or CAD system, while requiring no proprietary interfaces. The system shall provide the ability to link photo images to other records within the overall proposed RMS and CAD System.

The design of the software shall be open ended to allow for a seamless interface with any proposed Automated Fingerprint Identification System (AFIS) or future Jail Management System should the SPD begin operation of a jail facility.

Initially, the system will be utilized to handle mug shot photo images. The system shall have the capability to be upgraded to handle other types of photo images such as crime scene, accident, property, and personnel information.

1.6.5. Automated Fingerprint Identification System (AFIS)

As part of the AIS project the SPD intends to acquire an Automated Fingerprint Identification System (AFIS). The Sacramento Police Department would like to update its existing fingerprint system with one that is in compliance with the new DOJ standards.

Finger Printing Process- Current State

Currently the SPD is dependent on the Sacramento Sheriffs's County Jail System to fingerprint all prisoners utilizing CAL-ID Livescan Tenprint. The SPD receives a copy of its prisoner's fingerprints, from the County Jail, through Records. The Records Division manually picks the prints up from the County Jail. Once the prints are processed by the Records Division, the prints are then sent to the Identification Section, where they are filed numerically. A print can only be retrieved for investigation purposes if there has been prior positive identification to a named person.

AFIS Objectives

The AFIS will be able to store, retrieve, and compare both Livescan tenprints and latent prints without interfering with the transition of fingerprint data from booking to DOJ. The AFIS will store and use information in a timely manner, with the capability to insert into the department's own database all fingerprint records captured. This will provide the ability to create a localized, geographic database of criminals' fingerprints.

This system must have the ability to fully integrate with any proposed Records Management System, as well as with the new photo and document imaging systems. The new AFIS must have the compatibility to interface with other Law Enforcement Agencies and have interoperability with other AFIS systems.

1.6.6. Automatic Vehicle Locator (AVL)

The SPD tracks the movement of its fleet by voice and MDT communications. Meeting the increasing demands being placed on law enforcement is a high priority for the SPD. As the number of calls for service increase, the ability to effectively utilize available police units becomes critical. By utilizing AVL, SPD will realize increased efficiency in the dispatching of units and a decrease in response time to calls. AVL will allow the Police Department to provide a higher level of safety to its officers and the public.

AVL Objectives

The SPD is seeking an AVL system that provides precise positioning information, with state-of-the-art tracking and communications capabilities. This system will be used to recommend units for dispatch in the CAD system. Dispatchers must immediately be able to determine a vehicle's position and heading.

The display system must show critical information in an easy-to-read, color-coded tabular format and on a graphic map display. It must interface with CAD to record on-scene times and locations. Each vehicle must have a sensor that monitors the vehicle's coordinates. Location information should be sent along with odometer readings, which provide status reports and other information about the vehicle.

Ideally, the AVL system would allow units involved in critical activities such as pursuits to have their location updated in real time. This would allow officers in a pursuit to concentrate on driving while a dispatcher reported the pursuit's progress.

1.7 M/WBE POLICY

It is the policy of the City of Sacramento to increase the participation of Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) in all aspects of contracting to the maximum extent feasible. This policy constitutes a commitment to substantially increase the utilization of Minority and Women Business Enterprises. Therefore, proposals that are awarded City contracts agree to ensure MBE and WBE firms have the maximum opportunity to participate in the performance of contracts and sub-contracts.

On November 2, 1993, the City Council adopted Resolution No. 93-619 setting annual goals for the utilization of MBEs and WBEs on City professional services contracts. The goals have been set at 14.67% Minority and 14.67% Women owned Business Enterprises.

1.8 FORMAT FOR RESPONSE TO RFI

Prospective proposers should make every effort to address all system functionality mentioned in this document in as thorough a manner as possible. The form in which a response is constructed is up to the proposer. However, submission of company flyers, product descriptions or marketing materials alone will not be considered a response to this document.

General questions regarding this project should be directed to the Project Manager, Captain Scott LaCosse, at area code 916-264-7047.

Specific questions relative to information contained in this RFI, or requests for additional or clarifying information should be submitted to the Project Manager via E-Mail at LaCosse@ns.net. A copy of the question and response will be sent via E-Mail to all firms that were sent a copy of this RFI. Firms wishing a hard copy to follow the E-Mail response must specifically request such response.

All responses to this document should be received by the SPD no later than 5:00 PM, Friday April 11, 1997. Responses should be sent to :

Captain Scott LaCosse
Sacramento Police Department
900 8th Street
Sacramento, CA
95814