



Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: Scott P. Johnson
Larry D. Lisenbee

SUBJECT: SEE BELOW

DATE: May 22, 2006

Approved

Deanna Palma

Date

5/22/06

**SUBJECT: ADOPTION OF A RESOLUTION TO ACCEPT SB 720 FUNDS;
ADOPTION OF APPROPRIATION ORDINANCE AND FUNDING
SOURCES RESOLUTION AMENDMENTS IN THE GENERAL FUND;
AND APPROVAL OF A SOLE SOURCE PURCHASE FOR CAL-ID
PROGRAM PHASE III PHOTO DATABASE PROJECT**

RECOMMENDATION

It is recommended that the City Council:

1. Adopt a Resolution to accept SB 720 funds from the County of Santa Clara in the amount of \$1,810,317;
2. Adopt the following Appropriation Ordinance and Funding Sources Resolution amendments:
 - a. Increase the estimate of Revenue from Local Agencies in the General Fund by \$1,810,317; and
 - b. Establish an Automated Fingerprint Identification System, Phase III appropriation to the Police Department in the General Fund in the amount of \$1,810,317.
3. Adopt a resolution authorizing the Director of Finance to:
 - a. Execute an agreement for the sole source purchase of software and hardware for Phase III of existing Automated Fingerprint Identification System (AFIS) upgrade to the CAL-ID program with DataWorks Plus LLC ("DataWorks"), located in Greenville, South Carolina in the amount of \$1,641,080.48 including sales tax, installation, initial warranty and training; and
 - b. Execute change orders to the Agreement in an amount not to exceed \$169,236.02 for any additional, unanticipated requirements encountered during the implementation process or this project; and
 - c. Execute four additional one-year options to renew the annual maintenance without further Council action other than the appropriation of funds.

OUTCOME

The Automated Mugshot Identification System upgrade will enable Police to capture digital pictures of criminal suspects for identification, search, retrieval of images for use in generating suspect lineups, and sharing images with other agencies.



BACKGROUND

In 1988 Santa Clara County and all incorporated cities, including the City of San José, entered into a Joint Powers Agreement entitled "Agreement to Provide Local Law Enforcement Agency Access to the California Identification System", referred to as the CAL-ID program. As a result, the local CAL-ID Remote Access Network (RAN) Board was established to represent the various jurisdictions within Santa Clara County. That same year, AFIS was acquired through a Joint Powers Agreement between the County of Santa Clara and the City of San Jose. AFIS is the backbone of the criminal justice data system used by 40 county, state and city law enforcement agencies. AFIS is mission critical to the Police Department's Central Identification Unit operations including the upfront identification of individuals during the booking processing.

On January 24, 2002, the CAL-ID RAN Policy Board, with the support of the County Chiefs Association, approved the consolidation of the AFIS and CAL-ID programs and agreed to share fiscal responsibility for all future upgrades to the AFIS and CAL-ID System. All costs are allocated based on each party's percentage share of the total population of all agencies. San Jose administers the CAL-ID Program through the Police Department's Central Identification Unit.

Due to the complexity, size and scope, it was determined that the AFIS upgrade project will be implemented in three phases. Each phase is summarized below:

- Phase I:** On January 14, 2003 (item 9.1), the City Council adopted Resolution 71387 authorizing an agreement with Printrak in an amount of \$1,232,648 to purchase software and hardware to upgrade existing AFIS to improve accuracy and performance and reduce search/verification time. This upgrade was completed in March 2004 and included a palm print database, review station, and storage capacity for the additional palm print images.
- Phase II:** On January 25, 2005 (item 2.6), the City Council adopted Resolution 72493 authorizing an agreement with Printrak in an amount of \$2,292,897 to purchase hardware, software and services to upgrade the existing AFIS including authority to execute change orders in an amount not to exceed \$270,920. This upgrade was completed in November 2, 2005 and is currently pending final acceptance.
- Phase III:** In January, 2006, both the CAL-ID RAN Policy Board and the Santa Clara County Chiefs Association approved Phase III upgrade of the existing mugshot component of AFIS to update the photo capture, storage and retrieval capability of the system. Subsequently on April 3, 2006, the Santa Clara County Board of Supervisors approved full SB 720 funding in the amount of \$1,810,316.50. A check for this amount was received from the County and deposited by the City on April 21, 2006. This upgrade provides for a centralized mugshot repository, increased storage capacity required for photo images and upgrades to each participating agency's systems and image capturing workstations.

ANALYSIS

Finance received a request for a sole source purchase from the Police Department. The existing photo database component of AFIS consists of proprietary encoding algorithms and search



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routines developed by DataWorks that enables matching technology to correctly link to the proper individual record in the Criminal Justice information Control (CJIC/2) database. Additionally, the DataWorks Automated Mugshot Identification System is currently used by all police departments in Santa Clara County. This upgrade will provide a centralized mugshot repository system, supports the current set of workflows and descriptors, and ensures compatibility throughout the booking/identification process.

The proposed agreement with DataWorks will provide the required Phase III system upgrade which builds upon the existing AFIS and CAL-Photo investment and assures optimum system operation. The cost for the purchase of the system upgrade will be fully funded by the SB 720 funds provided by the County. The table below identifies the beneficiaries of this funding source. The ongoing maintenance for the system will be funded and paid directly by the individual agencies listed below.

Description	*Upgrade	**18 Month Support
New Central Repository (includes hardware, software, services, interfaces and training)	\$537,536.00	\$34,000.00
Participating Agencies' Upgrade:		
- San Jose Police Department	\$198,129.00	\$27,739.06
- Gilroy Police Department	\$76,024.75	\$10,643.47
- Morgan Hill Police Department	\$30,671.00	\$4,293.94
- Milpitas Police Department	\$77,046.00	\$10,786.44
- Santa Clara Police Department	\$58,024.75	\$8,123.47
- Santa Clara Corrections Department	\$180,886.75	\$25,324.15
- Santa Clara County Sheriff's Office	\$101,048.00	\$14,146.72
- Santa Clara County DA's Office	\$43,652.00	\$6,111.28
- Sunnyvale Police Department	\$65,545.75	\$9,176.41
- Mountain View Police Department	\$58,024.75	\$8,123.47
- Los Gatos Police Department	\$30,671.00	\$4,293.94
- Palo Alto Police Department	\$30,671.00	\$4,293.94
- Los Altos Police Department	\$30,671.00	\$4,293.94
- Campbell Police Department	\$31,671.00	\$4,081.00
Subtotal	\$1,550,272.75	\$175,430.21
Tax	\$90,807.73	
Total	\$1,641,080.48	\$175,430.21

* Pricing reflects "upgrade" pricing which is 50% discount off the software list price

** 18 month support begins after one year initial warranty

In summary, staff has determined, based on the reasons outlined in this memo, that upgrading the existing mugshot system is the most cost effective solution and that a sole source purchase is justified. In accordance with Municipal Code 4.12.149, the Director of Finance has reviewed and approved a Sole Source and Brand Name Proprietary Procurement (see attached).

ALTERNATIVE

Not applicable.

PUBLIC OUTREACH

Not applicable.

COORDINATION

This memorandum has been coordinated with the Police and Information Technology Department, the City Manager's Budget Office, and the City Attorney's Office.

COST IMPLICATIONS

There will be no additional cost to the City of San José for the upgrade of the existing AFIS project. This project is fully funded by the SB 720 funds provided by the County of Santa Clara. Any unused funds not expended will be returned to the County of Santa Clara for redeposit into the SB 720 Trust Account.

Annual ongoing maintenance costs beyond the 12 month warranty period and the recommended 18-month support will be determined at that time. Base budget adjustments to cover additional support may be required and will be dependent on Council appropriation of funds.

BUDGET REFERENCE

Fund #	Appn. #	Appn. Name	Total Appn.	Amount of Contract	2005-2006 Adopted Budget (Page)	Last Budget Action (Date, Ord. No.)
001	TBD	Automated Fingerprint Identification System, Phase III	To be Established		N/A	N/A

CEQA

Not a project.


 SCOTT P. JOHNSON
 Director, Finance


 LARRY D. LISENBEE
 Budget Director

For questions, please contact Walter C. Rossmann, Chief Purchasing Officer at (408) 535-7051.



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I hereby certify that there will be available for appropriation in the General Fund in Fiscal Year 2005-2006 monies in excess of those heretofore appropriated there from, said excess being at least \$1,810,317.



LARRY D. LISENBEE
Budget Director





Department and Contact Information

Department and Contact Information:

POLICE – TONY WEIR 277-2239

Required Contract Information

Contractor: Dataworks Plus

Address: 1174 North Pleasantburg Drive, Greenville, SC 29607 www.dataworksplus.com

Contact Person and Telephone Number: Todd Pastorini 925-240-9010

Type of Product / Service Offered (briefly describe): Law Enforcement mugshot photo system with employee ID and permit database capability including investigative lineup and ID badge making capability

Complete responses must be provided for all of the items listed below

A. GENERAL INFORMATION:

1. What are the performance requirements for the product you are requesting?

(Please provide documentation if available)

The system must be able to perform three essential photo database functions:

1. Photograph arrested persons and store the images and data in a relational database for later search and retrieval including the capability to create wanted/missing person flyers and suspect lineups with multiple photos.
2. Capture and store images of the different City permit applicants (Taxi, tow, card room, etc) in a separate database and be able to produce credit-card sized PVC ID cards in one of 20 different formats
3. Capture and store images of Police employees in a separate database and be able to produce credit-card sized PVC ID cars in one of 10 different formats

In addition, the system must be able to take the local PC Domain log on credentials and apply them to its security tables to allow or not allow access to the different databases and system functions based on user ID. No separate photo system log on is required.

The system must also have full audit capabilities to show who created, modified, sealed or deleted a record. In addition, the system must have the capability to store search sequences and photo lineups created by users for later retrieval for court purposes.

The system shall also interface to the Santa Clara County Criminal Justice Information Control (CJIC) system to be able to pass data from CJIC to the photo system to eliminate duplicate data entry.

2. What products could potentially meet these performance requirements?

There are 3 major law enforcement photo system vendors, Dataworks, EPIC Solutions and Imageware. In addition, Motorola has a system that is more of a jail inmate photo system rather than a law enforcement system. The Motorola system (they recently purchased the EPIC software company) has limited photo line-up capability and does not have the ability to create a permit database with the associated print formats. In fact, when Motorola presented their photo system, they agreed that it was not a good fit for law enforcement and suggested they should propose the Dataworks product instead.

The other two are law enforcement systems, but when the City looked into them about 5 years ago, the City determined they did not meet the City's needs. In that selection process, Dataworks was selected as the vendor of choice.

3. What market research was conducted, including evaluation of other items considered?

Were there other items with less restrictive specifications available? (Describe your efforts to identify other goods/services that could have been procured to meet your requirement and indicate why those alternatives were deemed inappropriate or unavailable. Please include the names and addresses of suppliers contacted and the reasons for not considering them, OR explain why the surveyor effort to identify other goods/services was not performed.)

Over the last 10 years, every police agency in the County has independently selected Dataworks for their internal photo system. Because all the police agencies in the County already use the Dataworks Plus product, Dataworks Plus knows the intricacies of each database which will make the upgrade much easier than trying to re-engineer and convert to another system. In addition, Dataworks Plus is the only photo database vendor who has already established an automatic, fully hosted, Cal-Photo interface. Some sort of Cal Photo interface is a mandatory critical component of any new photo system procured.

100 % of the project will be funded with SB 720 money supplied by the County of Santa Clara. The selection of Dataworks proposal "option B" (complete system upgrade) was approved by the Santa Clara County Police Chiefs Association in Feb 2004.

4. Are you purchasing this product in order to conduct a field test? Please describe the parameters of the test.

N/A

5. Is this product necessary to match existing inventory? Please state why.

Yes, all of the existing police agencies in the county who will be participating in the project already use the Dataworks product and need to maintain their current database structure and output report/print formats.

We have looked into the feasibility of having a vendor other than Dataworks bid the project, it would be more costly and with a greater risk as the new vendor would have to re-engineer the database design and would also have to create all the different print/output formats. While this would be technically possible, the cost and risk would not make it cost effective.

6. Is the purchase of this product consistent with an approved technology architectural standard?

Please attach documentation.

Yes, the database will be a Microsoft SQL relational database

B. PRICE ANALYSIS:

7. What pricing information was obtained?

We asked for quotes from Dataworks Plus and Motorola

The quote we received from Motorola for the same system upgrade as proposed by Dataworks Plus was \$1.8M and included fewer software licenses than the \$1.5M quote we received from Dataworks Plus

8. Describe any cost savings realized or costs avoided by acquiring only this product versus other products.

(For "standardization" requests please explain significant costs savings. Refer to the San Jose Municipal Code, Section 4.12.149 B (1), (2) and (5) for additional information to justify standardization based on cost savings or cost avoidance.)

The quote we received from Motorola for the same system upgrade as proposed by Dataworks Plus was \$1.8M and included fewer software licenses than the \$1.5M quote we received from Dataworks Plus

Required Approvals

Requesting Department Director

Approved Denied

Alc. Geronzi 11/11/05
Signature / Date

Requesting Department Director

Approved Denied

Approval requires written decision consistent with
Date Section 4.12.149 subsection
C. Memo attached

Scott Johnson 5/16/06
Signature / Date