



CITY OF SACRAMENTO
CALIFORNIA

CC: 2404

OFFICE OF THE
CITY MANAGER

CITY HALL
915 I STREET - 95814
(916) 449-5704

February 24, 1982

APPROVED
BY THE CITY COUNCIL

AUG 31 1982

OFFICE OF THE
CITY CLERK

AG 82022

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: Recommendation for Approval of a Proposal for a Police and Fire Computer Aided Dispatch System and Resolution Authorizing City Manager to Execute An Agreement with Planning Research Corporation, Public Management Services (PRC/PMS)

SUMMARY

In response to the City's Request for Proposals on July 27, 1982, Police Data Systems (PDS) and Planning Research Corporation, Public Management Services (PRC/PMS) each submitted a proposal for the proposed Police and Fire Computer Aided Dispatch System (CAD).

The proposals have been thoroughly evaluated by the City's Evaluation Committee. It is recommended that:

1. The proposal submitted by PRC/PMS for the Police and Fire Computer Aided Dispatch System (CAD) be accepted at a cost of not to exceed \$537,607.
2. Authorization be provided for the City Manager to negotiate and execute a contract with PRC/PMS for the furnishing and installation of the subject Computer Aided Dispatch System.

BACKGROUND

On November 21, 1978, the City Council approved the Preliminary Communications Master Plan for the consolidation of the Police and Fire Communications Systems. On March 4, 1980 the installation of a Police and Fire Computer Aided Dispatch System (CAD) in a proposed consolidated Communications Center was approved.

At the present time, the Communications Center is under construction at 111 Bercut Drive with the completion date expected to be in August or September of 1983.

It is planned to have all the building equipment installed by the time of building completion. The equipment would include the following major items:

1. Computer Aided Dispatch System
2. Consoles and Radio Systems
3. Fire Alarm Box Console & Digitize Equipment

Installation of the emergency telephone (911) system is expected to be in September or October 1983 and be operational by the end of 1983.

The proposals for the Computer Aided Dispatch System (CAD) submitted by Police Data Systems (PDS) and Planning Research Corporation, Public Management Services (PRC/PMS) were evaluated by the CAD Evaluation Committee which consists of the following members:

- Joe F. Yee, Chief Electrical Engineer
- Jim Puthuff, Data Processing Manager
- Bill Redmond, Risk Management
- Lee Dohm, Deputy Police Chief
- Ron Frame, Police Lieutenant
- Linda Hawthorne, Police Systems Analyst
- Don Sherlock, Captain, Fire Department

The evaluation was based on criteria filed with the City Clerk prior to receipt of proposals. This was done in the interest of demonstrating objectivity in the evaluation process.

The result of the evaluation as determined by the Evaluation Committee is supported by the following exhibits:

- Exhibit A Overall Evaluation Score Summary for Police Data Systems (PDS)
- Exhibit B Overall Evaluation Score Summary for Planning Research Corp., Public Management Services (PRC/PMS)
- Exhibit C Cost Comparison between PDS and PRC/PMS Proposals

Comparing the two proposals, the Evaluation Committee has determined that the proposal from PRC/PMS would serve the City's interest better and, therefore; recommends for its acceptance.

FINANCIAL

Under Cost Center 2404, \$2,592,064 has been appropriated for the Communications Master Plan. To date the fund balance of this project is as follows:

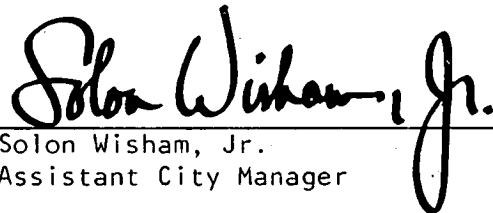
Total Funds Appropriated		\$ 2,592,064
Consultant Services, Fieler & Associates	\$ 113,524	
Building Construction, Welch Construction	748,674	
	<hr/>	\$ 862,198
Fund Balance		<hr/> <hr/> \$ 1,729,866

RECOMMENDATION

It is recommended that the following items be approved by the adoption of the attached resolution:

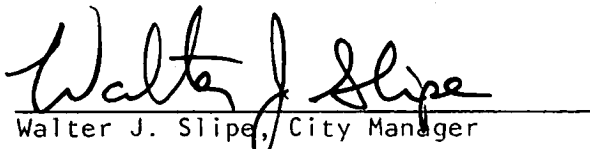
1. The proposal submitted by Planning Research Corporation, Public Management Services (PRC/PMS) for the Police and Fire Computer Aided Dispatch System (CAD) be accepted at a cost of not to exceed \$537,607.
2. Authorization be provided for the City Manager to negotiate and execute an agreement with PRC/PMS for the furnishing and installing of the subject Computer Aided Dispatch System.

Respectfully Submitted



 Solon Wisham, Jr.
 Assistant City Manager

Recommendation Approved



 Walter J. Slipe, City Manager

SW, Jr/jp

attachments

August 31, 1982
All Districts

RESOLUTION NO. 82-625

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

RESOLUTION FOR THE APPROVAL OF A PROPOSAL FOR A POLICE AND FIRE COMPUTER AIDED DISPATCH SYSTEM AND AUTHORIZATION FOR CITY MANAGER TO EXECUTE AN AGREEMENT WITH PLANNING RESEARCH CORPORATION, PUBLIC MANAGEMENT SERVICES (PRC/PMS)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO:

1. That the Proposal for a Police and Fire Computer Aided Dispatch System submitted by Planning Research Corporation, Public Management Services (PRC/PMS), is hereby approved.

2. That the City Clerk and City Manager are hereby authorized and directed to execute an agreement with said Planning Research Corp., Public Management Services (PRC/PMS).

MAYOR

ATTEST

CITY CLERK

APPROVED
BY THE CITY COUNCIL
AUG 31 1982
OFFICE OF THE
CITY CLERK

VENDOR NAME:

PDS

EXHIBIT A

27

OVERALL EVALUATION SCORE SUMMARY

	<u>Factored Score</u>
<u>PHASE I:</u>	
A. Technical Compliance	<u>35.76</u>
B. Demonstrated Competence	<u>18.01</u>
C. Personnel Experience	<u>10.00</u>
D. Structural Compliance	<u>2.54</u>
E. Financial Stability	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Not Pass
F. System Maintenance	<u>9.57</u>
TOTAL	<u>75.88</u>

PHASE II:

A. Phase I	<u>42.80</u>
B. Negotiated Contract	<u>10.00</u>
C. Price	<u>16.80</u>
D. On-going Maintenance Costs	<u>10.00</u>
E. System Expandability	<u>2.79</u>
TOTAL	<u>82.39</u>

VENDOR NAME:

PRC/PMS 27

OVERALL EVALUATION SCORE SUMMARY

Factored
Score

PHASE I:

A. Technical Compliance	<u>55.00</u>
B. Demonstrated Competence	<u>20.00</u>
C. Personnel Experience	<u>7.50</u>
D. Structural Compliance	<u>5.00</u>
E. Financial Stability	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Not Pass
F. System Maintenance	<u>10.00</u>
TOTAL	<u>97.50</u>

PHASE II:

A. Phase I	<u>55.00</u>
B. Negotiated Contract	<u>10.00</u>
C. Price	<u>20.00</u>
D. On-going Maintenance Costs	<u>8.94</u>
E. System Expandability	<u>5.00</u>
TOTAL	<u>98.94</u>

<u>PDS</u>	
TOTAL PROPOSAL PRICE	\$496,170
ADDITIONAL COSTS TO CITY FROM PDS PROPOSAL	
1. Equipment Installation (PDP 11/44 @ \$1,500) (Associated Equip & Terms @) (\$4,000)	5,500
2. Moving Costs-----	15,000
3. Shipping & Insurance-----	2,000
4. Power Conditioner-----	8,500
5. Modems-----	35,000
6. Spectron Line Switches-----	9,043
7. Battery Backup-----	1,600
8. TAB Terminals Adjustment---	9,485
9. Maintenance thru System Acceptance-----	12,150
10. Modem for Software Maintenance-----	500

UNABLE TO DETERMINE COSTS

11. Performance Bond	
12. Air Conditioning Upgrade	
13. Message Switcher Modifica- tions	
14. Permits & Licenses	
15. Additional Cables	
	<hr/>
	\$594,948

CREDIT for price
reduction on memory < 9,600 >

\$585,948

+6% Sales Tax* 35,157

TOTAL COST TO CITY \$621,105

<u>PRC</u>	
TOTAL PROPOSAL PRICE	\$519,531
+ 6% Sales Tax on 301,265**	<u>18,076</u>
TOTAL COST TO CITY	\$537,607

*Sales Tax on Total from PDS

**Sales Tax on items other than
Software & Services

COST FACTORS:

PRC/PMS - Based on a review of the proposal, and statements made at the Vendor's Conference, it was determined that the quoted cost of \$519,531.00 would provide a complete, operational Computer-Aided Dispatch system (CAD) as specified in the Request for Proposals. The only additional cost would be \$18,076.00 to cover the sales tax on appropriate items.

Police Data Systems - This firm's proposal cost of \$496,170 required adjustment to reflect the total cost to the City, for a completely operational system. Based on the additional costs determined from the content of the proposal, statements made at the Vendor's Conference, and expertise of the evaluation team members, it was determined that, at least, an additional \$124,935.00 would have to be budgeted to cover required additional goods and services and appropriate sales taxes. This upward adjustment resulted in a total cost figure of \$621,105, not including several other items of perceived additional cost that cannot be completely calculated until the proposal is further developed.

OPTIONAL COST ADJUSTMENTS

PRC/PMS - This firm did include a \$10,000 trade-in credit for the existing RLO2 Disk Drives. This proposal may or may not be of benefit to the City depending on the feasibility of converting these items to other uses.

Police Data Systems - In an additional document, presented at the August 16 Vendor's Conference, PDS proposed several adjustments to their original price.

- a. The installation of remanufactured equipment - PDS proposed the alternative of remanufactured computer, Disk Drive, and other system components, at a cost reduction of \$47,951.00.

While there is no objection to remanufactured equipment, per se, there is a very serious consideration of the availability of these items at the time we need them. If they are not available in a timely fashion, then the City is faced with delaying the entire CAD system Project for an unspecified amount of time, or purchasing new equipment at the original or higher cost. If remanufactured equipment can be found in the future, then it could be considered. Meanwhile, the question of availability makes the possible savings a less-than-guaranteed item.

It should also be noted that this proposal also included a \$9,600 savings for reduced cost of computer memory boards. Since this was a concrete savings, that amount has been credited against the cost of the PDS proposal. The remaining \$38,351 possible reduction for remanufactured equipment has not been subtracted from the cost.

- b. Install ADM-36 Terminals - A projected savings of \$8,830 by reducing the quality of the system video terminals was proposed. Actually, the original video devices were considered marginally acceptable under the specifications. In this case, the Evaluation Team accepted the PDS recommendation to upgrade the terminals to TAB, 132/15's for an additional \$9,485, which is already reflected in the listed price. This satisfies the specifications in the Request for Proposal.
- c. Continue Present Management Reports - One of the principal reasons for installing the CAD system is to enhance and modernize our Management Reporting system. The provision of these reports by the CAD system will greatly improve the timely production of this data and also relieve the burden on the Department of Data Processing, who currently processes this information on an off-line batch basis.

This was a less work-less cost proposal that would actually cost the City much more than the \$21,600 savings proposed by the vendor.

- d. Crime Analysis Project Savings - The vendor indicates that there could be a \$30,500 saving for duplicate hardware and software with the Police Department's proposed automated Crime Analysis Program. Since the Crime Analysis Project is financed by a grant from State CCAP funds, there is no way to relate the costs and financing of the two projects.

It should also be noted that a vendor has not been selected for the Crime Analysis Project. In this case, any possible saving that might be realized is wholly contingent on PDS being selected from among three possible vendors who are vying for the Crime Analysis Project.