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DEPARTMENT OF
DATA MANAGEMENT

CITY OF SACRAMENTO
CALIFORNIA

819 TENTH STREET
SACRAMENTO, CA
95814-2601

916-449-5763

BARBARA C. WEAVER
DIRECTOR

ALFRED S. ORTIZ
INFORMATION SYSTEMS
MANAGER

TOBA L. GODDARD
COMPUTER OPERATIONS
MANAGER

DEAN W. DAVIS
TECHNICAL SYSTEMS
MANAGER

March 8, 1988

Budget and Finance Committee
Sacramento, California

Honorable Members in Session:

SUBJECT: Modifications to the Data Management Computer Room

SUMMARY

This report recommends that the 1987-88 Capital Improvement Budget be amended to incorporate modifications to the City of Sacramento's main computer room. This report further recommends that the City Council suspend competitive bidding for the modifications and complete the work with a combination of City crews and informal contracts.

BACKGROUND

The Data Management Department is located in the parking complex at 819 Tenth Street. The first floor of this facility houses the City's main computer hardware equipment. It is essential that this area meet certain environmental requirements to operate the computer equipment effectively.

DISCUSSION

The Data Management Department is in the process of converting from the Sperry Univac 98/80 to the new IBM 4381 computer. The new equipment places severe demands on the current computer room's ability to provide an acceptable environment for the equipment. Specifically, there are concerns relative to the fire protection, temperature, and service clearances.

Due to safety concerns, the Data Management Department annually contracts Cal-West Electrical to inspect the Halon system and alarms. Their most recent review concludes that modifications to the fire system are needed to meet UL specifications and provide for additional fire protection.

The sophisticated computer equipment demands that the air be relatively dust-free and the temperature range between 68 to 72 degrees. Operating outside this range subjects the equipment to frequent intermittent failures. Any repairs resulting from the temperature fluctuations outside the tolerance range are not covered by maintenance agreements, thus increasing costs for repair.

This past month, the three air conditioning systems reached the maximum BTU output rating. Adding more equipment to confined areas increases the load placed on the air conditioners. Presently, there exists a noticeable wide variance in temperature in different sections of the room.

Lastly, door and aisle clearances are specified by the computer manufacturers. If the clearances are not met the vendors may refuse to service our equipment. Given the current computer room layout, to achieve the required clearances, it is necessary to expand into the current office section of the first floor.

Ordinarily these type of modification projects are formally bid. However, due to the need to complete the modifications before the summer heat and resultant vulnerability of the computer room environment, it is recommended that a combination of City staff and informal contracts be used to complete the project.

FINANCIAL

The cost of this General Fund project which will upgrade the fire system, increase the air conditioning capacity, and expand the computer room, totals \$157,000. It is proposed that the 1987-88 Capital Improvement Budget be amended to include this project by transferring \$157,000 from the General Fund Administrative Contingency. The General Fund Administrative Contingency balance totals \$510,984 as of March 1, 1988. Including this project, \$353,984 remains in the Administrative Contingency.

RECOMMENDATION

It is requested that the Budget and Finance Committee recommend approval of this project, suspend formal competitive bidding, and forward this report and resolutions to the full Council for adoption.

Respectfully submitted,



Barbara Weaver
Director of Data Management

Recommendation Approved:



JACK R. CRIST
Deputy City Manager

March 8, 1988
All Districts

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

RESOLUTION AUTHORIZING A NEW CAPITAL IMPROVEMENT PROJECT FOR MODIFICATIONS TO DATA MANAGEMENT'S COMPUTER ROOM.

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

1. Authorizes a new Capital Improvement Project for modifications to Data Management's computer room.
2. The Capital Improvement Program is hereby amended by transferring \$157,000 from the General Fund Administrative Contingency (101-710-7012-4999) to the Computer Room Modification Project in the following manner:

101-500-xxxx-4268	Moving Expense	\$ 950
101-500-xxxx-4630	Equipment	300
101-500-xxxx-4820	Construction	117,700
101-500-xxxx-4823	Printing Expense	250
101-500-xxxx-4826	Construction Contingency	7,790
101-500-xxxx-4831	Indirect Charges	5,460
101-500-xxxx-4414	Contingency	2,560
101-500-xxxx-4841	Architect Fees	9,420
101-500-xxxx-4880	Gen Fund Salary	9,110
101-500-xxxx-4881	Gen Fund Benefits	3,460
		<hr/>
		\$157,000

MAYOR

ATTEST:

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

RESOLUTION AUTHORIZING THE CITY
MANAGER TO EXECUTE APPROVAL OF
SUSPENDING FORMAL COMPETITIVE BIDDING
FOR MODIFICATIONS TO THE DATA
MANAGEMENT COMPUTER ROOM.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO, TWO-THIRDS (2/3) OF ALL MEMBERS VOTING IN FAVOR THEREOF:

That pursuant to Section 58.401(d) of the Sacramento City Code, it is hereby determined to be in the best interest of the City to suspend formal competitive bidding for required modifications to the Data Management computer room. The City Manager is hereby authorized to execute the necessary contracts to complete this work with a combination of Facility Management crews and informal contracts.

MAYOR

ATTEST:

SECRETARY



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DATA MANAGEMENT

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March 15, 1988

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: Modifications to the Data Management Computer Room

SUMMARY

This attached report recommends that the 1987-88 Capital Improvement Budget be amended to incorporate modifications to the City of Sacramento's main computer room. This report further recommends that the City Council suspend competitive bidding for the modifications and complete the work with a combination of City crews and informal contracts.

BACKGROUND

The Data Management Department is located in the parking complex at 819 Tenth Street. The first floor of this facility houses the City's main computer hardware equipment. It is essential that this area meet certain environmental requirements to operate the computer equipment effectively. Specifically, there are concerns relative to the fire protection, temperature, and service clearances.

FINANCIAL

The cost of this General Fund project which will upgrade the fire system, increase the air conditioning capacity, and expand the computer room, totals \$157,000.

RECOMMENDATION

It is requested that the City Council approve the attached resolutions which amend the 1987-88 Capital Improvement Budget to include the modifications to the Data Management Computer Room and suspend formal competitive bidding.

Respectfully submitted,

Barbara Weaver

Barbara Weaver
Director of Data Management

Recommendation Approved:

WALTER J. SLIPE
City Manager

March 15, 1988
All Districts