

**SUBMITTAL TO THE FLOOD CONTROL AND
WATER CONSERVATION DISTRICT BOARD
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

420 B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
May 11, 2004

SUBJECT: Purchase of Cartograph Work Management System for Flood Control Facilities

RECOMMENDED MOTION:

Approve the Purchase of the Cartograph Work Management System for Flood Control Facilities and direct the Purchasing Department to issue a purchase order on behalf of District.

BACKGROUND:

The existing Work Management System at the District is over 10 years old and is now failing. Because it is based on an obsolete operating system, DOS, it cannot be networked and the reports it produces are inflexible. This system's inflexibility can no longer accommodate the new 6 digit employee numbers without contracting with the original vendor for program modifications.

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FINANCIAL:

Sufficient funds are available within the Data Processing fund. The Executive Office has approved the appropriate request for the change of quantity and/or type of fixed asset purchase, which results in a cost saving of approximately \$17,692.00.

WARREN D. WILLIAMS
General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. District Cost:	\$85,308.00	In Current Year Budget:	YES
	Current F.Y. County Cost:	\$0.00	Budget Adjustment:	NO
	Annual Net District Cost:	\$0.00	For Fiscal Year:	FY 03-04

SOURCE OF FUNDS:	48080 947320 546080	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Data Processing/Equipment-Computer	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

County Executive Office Signature

- Dept't Recomm.: Consent Policy
- Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: | **District:** All | **Agenda Number:** 11.7

RECEIVED
MAY 11 2004
COUNTY OF RIVERSIDE
OFFICE OF THE CLERK

**FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD SUBMITTAL
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SUBJECT:

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Background: continued

Because the current Work Management System does not interface with other District systems, information entered into the existing system is later re-entered into both PeopleSoft and IFAS. We seek to reduce this dual data entry by entering the information into a new system and subsequently exporting the data electronically to other systems as necessary.

A replacement system that is based on current technology (Windows Network Operating System, SQL Server, Standard Reporting Tools) and geared toward District facilities is needed to be able to effectively capture the personnel, materials and equipment costs incurred for maintenance and inspection of the District's channels, basins and dams. The ability to capture activity-based costs is important to the District so that we can determine how much time and materials were expended for a particular activity. This information is used when forecasting costs, budget planning and preparation, and billing customers for services provided.

A District group comprised of Operations & Maintenance and Information Technology staff determined the features and system requirements for the replacement work management system. The group researched various vendors including MaintStar, Cartegraph and Hansen. The vendors were invited to demonstrate their product to the group, were asked to provide budgetary proposals and provide client references. Client references were called to get feedback on the software product and the implementation process. The group compared product features against the previously defined needed functionality. The technical specifications were reviewed.

Unique features of Cartegraph WorkDirector & StormView

The Cartegraph WorkDirector product offers a module, StormView, that is specifically designed for tracking work orders and inspections of flood control basins, channels and dams. The StormView product offers an innovative and unique technology that allows for complete customization of any screen, any field and any report to meet the Operations & Maintenance Division's particular needs without the need for custom programming or consultant services. This feature is not offered by any other vendor. With this flexTECHNOLOGY, the District can tailor this product to reflect our existing work flow procedures and business processes. There will be no need to change our business practices. The inherent flexibility of the system makes the Cartegraph WorkDirector Program with StormView module suitable for storing other District facility information in the system and has the potential for becoming the central repository of data for the Operations & Maintenance division at the District.

Vendor proposals were reviewed and analyzed to District specifications and needs. Cartegraph met all District specs and provided the lowest cost and support.

FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD SUBMITTAL
 COUNTY OF RIVERSIDE STATE OF CALIFORNIA

SUBJECT: Fixed Asset Acquisition over \$10,000

SUBMITTAL DATE: May 11, 2004

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ATTACHMENT A

<u>SELECTED VENDOR</u>	<u>DESCRIPTION</u>	<u>TOTAL AMOUNT</u>
CarteGraph Software	Asset Management Software and Service Agreement	\$85,307.50

Since CarteGraph meets all requirements, it is determined that an order be placed with CarteGraph at a total amount of \$85,307.50. Received (3) three competitive bids on the asset management system and low bid was CarteGraph.

Bid Number: Description:					
BIDDER	ADDRESS	MODEL NO.	MEET SPEC?	TOTAL	TOTAL W/5%
Hanson Info Technologies	Sacramento, California	Asset Management	Yes	\$101,500.00	N/A
Bender Engineering	Los Angeles, California	Asset Management	Yes	\$104,575.00	N/A
CarteGraph Software Products	Dubuque, Iowa	Asset Management	Yes	\$85,307.50	N/A