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DEPARTMENT OF UTILITIES

CITY OF SACRAMENTO CALIFORNIA

1395 35th AVENUE SACRAMENTO, CA 95822-2911

ENGINEERING SERVICES DIVISION

December 9, 2003

AG 2003-224

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APPROVED
DEC 16 2003
OFFICE OF THE CITY CLERK

City Council Sacramento, California

Honorable Members in Session:

SUBJECT: HOWE AVENUE 54-INCH WATER TRANSMISSION MAIN PROJECT (PN: ZI56): (1) AUTHORIZATION TO ENTER INTO A COST SHARING AGREEMENT WITH SACRAMENTO SUBURBAN WATER DISTRICT AND (2) TRANSFER AND APPROPRIATE FUNDS, AND AWARD CONSTRUCTION CONTRACT TO C. R. FEDRICK, INC., FOR AN AMOUNT NOT TO EXCEED \$9,290,000

LOCATION AND COUNCIL DISTRICT:

The proposed Howe Avenue 54-inch Water Transmission Main (the "Project") starts at the E. A. Fairbairn Water Treatment Plant, crosses under the American River to University Avenue, and proceeds north on University to the intersection of University and Howe Avenues. The Project is located in Council District 3 (see attached map).

RECOMMENDATION:

Staff recommends that the City Council adopt the attached resolution to:

- Enter into an Agreement for Payment of Cost Share with Sacramento Suburban Water District;
- Authorize the transfer of funds from existing CIPs, appropriate funds from the Water Fund Contingency Reserve, accept the low bid from C. R. Fedrick, Inc., and award the contract for the Project for an amount not to exceed \$9,290,000;

CONTACT PERSON: Dave Brent, Engineering Services Manager, 264-1420 Dan Sherry, Supervising Engineer, 264-1419

FOR COUNCIL MEETING OF: December 16, 2003



CITY OF SACRAMENTO DEPARTMENT OF UTILITIES

Making a Difference in Your Neighborhood

City Council
December 9, 2003
Howe Avenue Water Transmission Main (PN: ZI56)

SUMMARY:

The Project is an important component of the City's planned water transmission main improvements to provide a cross-tie between the City's two surface water treatment plants. When completed, the Project also will be used, in part, to implement conjunctive use of surface water and groundwater by conveying treated surface water to the Sacramento Suburban Water District. The Agreement for Payment of Cost Share with Sacramento Suburban Water District will reimburse the City for a portion of the Project cost.

Bids were received from four (4) prequalified Contractors and opened by the City Clerk on November 26, 2003. The low bidder was C. R. Fedrick, Inc. with a bid of \$9,290,000. C. R. Fedrick exceeded the Emerging and Small Business Enterprise (ESBE) goal for this project. It is therefore proposed to award the contract to C. R. Fedrick, Inc., for an amount not to exceed \$9,290,000.

COMMITTEE/COMMISSION ACTION: None.

BACKGROUND:

The Howe Avenue 54-inch water transmission main is a portion of a large diameter water main that eventually will connect the E. A. Fairbairn Water Treatment Plant and the Sacramento River Water Treatment Plant. When all phases of the large diameter pipe are constructed there will be a cross-tie between the City's two surface water treatment plants that will enable the City to better serve areas north of the American River, reduce groundwater overdraft and increase the reliability of the water transmission system.

This project consists of approximately 6,500 feet of 54-inch diameter water transmission pipe. Approximately 1,500 feet of the total length will be tunneled under the American River at a depth greater than 60 feet. The remaining 5,000 feet is aligned in University Avenue and will be constructed utilizing conventional trenching methods.

In addition to benefitting the City's water systems reliability, the Project supports the City's commitment to the Water Forum Agreement by installing facilities necessary to increase the conjunctive use of surface water and groundwater, and it will serve as a major component of the conjunctive use strategies of the Regional Water Authority (RWA). When completed, the Project will enhance conjunctive management of surface water and groundwater, allowing water providers the operational flexibility of recharging ground water aquifers during wetter years and using less surface water during drier years.

Because part of the new main capacity will be utilized by Sacramento Suburban Water District, the district has agreed to reimburse the City for approximately one-third the cost of the Project,