



APPROVED
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DEPARTMENT
OF UTILITIES

ENGINEERING
SERVICES DIVISION

CITY OF SACRAMENTO
CALIFORNIA

November 1, 2001

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City Council
Sacramento, California

AG 2001-216

Honorable Members in Session:

SUBJECT: SPECIAL DRINKING WATER QUALITY MONITORING PROGRAM - YEAR 2 (PN: ZH41); APPROVAL OF CONSULTANT SERVICES AGREEMENT WITH MWH LABORATORIES FOR AN AMOUNT NOT TO EXCEED \$119,130

LOCATION AND COUNCIL DISTRICT: City-wide

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution which approves the Consultant Services Agreement with MWH Laboratories for an amount not to exceed \$119,130.

CONTACT PERSON: Gary A. Reents, Engineering Services Manager, 264-1433
Dave Brent, Principal Engineer, 264-1420

FOR COUNCIL MEETING OF: November 27, 2001

SUMMARY

Staff has negotiated a Consultant Services Agreement with MWH Laboratories to perform laboratory services for the second year of a special drinking water monitoring program. This program provides contract laboratory services for the Federal and State Unregulated Contaminant Monitoring Rules (UCMR), State Title 22 compliance for the City's surface water and groundwater supplies, and *giardia* and *cryptosporidium* analyses for the City's surface water supply. Authorization for the City Manager and City Clerk to execute the agreement is requested.

COMMITTEE/COMMISSION ACTION: None.



CITY OF SACRAMENTO
DEPARTMENT
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Special Drinking Water Monitoring Program (PN: ZH41)

BACKGROUND INFORMATION

The special drinking water monitoring program was developed to ensure compliance with state and federal monitoring requirements and to obtain additional important monitoring data. This three-year program includes laboratory analyses on samples of raw (untreated) source water and finished (treated) drinking water samples, as appropriate, for the Federal UCMR List 1 and 2 contaminants, State UCMR, and State Title 22 compliance monitoring.

The purpose of the Federal and State UCMR programs are to collect data to support decisions whether or not to regulate contaminants to protect public health. For the Federal UCMR, the US Environmental Protection Agency (EPA) has organized contaminants of interest into three lists based on availability of analytical methods to detect their presence in drinking water and the type of monitoring to be conducted. All large public water systems are required to collect finished water samples for List 1 contaminants, and the City was selected among 120 large systems to collect finished water samples for List 2 contaminants. EPA may select the City to participate in the future List 3 contaminant monitoring. The State UCMR and Title 22 of the California Code of Regulations require monitoring for several contaminants. The Special Monitoring Program includes chemicals requiring special analyses not available at the City's Fairbairn Water Treatment Plant laboratory.

Continuation of monitoring for the pathogenic microorganisms *giardia* and *cryptosporidium* on raw American and Sacramento River source water at the City's Sacramento River and Fairbairn Water Treatment Plants is also included in the Special Monitoring Program. Monitoring to date of *giardia* and *cryptosporidium* indicates infrequent detections of these microorganisms in our river water. Continued monitoring is important to increase the City's database and understanding of our source water quality, and to facilitate compliance with future regulations.

On March 15, 2001, staff issued a Request for Proposals (RFP) to five laboratories. These laboratories were selected to receive the RFP based on special certifications needed to conduct the program. The proposals were received on April 5, 2001 and reviewed independently by three members of City staff. Based on review of the proposals, MWH Laboratories was accepted by consensus of the reviewers. The Consultant Services Agreement for the first year covered the period of May through November 2001, and was approved for an amount not to \$95,000 on May 14, 2001. Based on MWH Laboratory's excellent performance, City staff entered into contract negotiations for the second year of the program to cover December 2001 through September 2002.

ENVIRONMENTAL CONSIDERATIONS

The Environmental Services Manager has determined that the actions of approval of a consultant services agreement to conduct data collection, analysis of water quality samples, and monitoring

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is exempt from the California Environmental Quality Act (CEQA) under sections 15306 and 15308 of the CEQA Guidelines. Exemption 15306 consists of basic data collection and resource evaluation activities that do not result in a serious or major disturbance to an environmental resource. Exemption 15308 consists of actions taken by regulatory agencies for protection of the environment where the regulatory process involves procedures for protection of the environment. Construction activities and relaxation of standards allowing environmental degradation are not included these exemptions. Any projects resulting from the monitoring program would require further environmental review under CEQA.

FINANCIAL CONSIDERATIONS

The estimated cost for the Consultant Services Agreement is \$119,130 and is funded in Drinking Water Quality (413-500-ZH41-4802), which has an unobligated balance of \$246,542 as of November 5, 2001.

POLICY CONSIDERATIONS

City participation in the Federal and State UCMR Programs, and collection of data to meet Title 22 regulations are required activities. Collection of additional *giardia* and *cryptosporidium* data is important to facilitate compliance with future regulations.

ESBD PROGRAM CONSIDERATIONS:

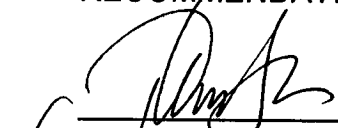
Qualifications for this project included experience in analysis of water samples for drinking water programs, and special certifications by the US EPA and the State of California. City staff conducted a BizNet search, and no emerging or small businesses were identified that met the project requirements or provided this type of service. The selected firm, MWH Laboratories, meets all project requirements.

Respectfully submitted,



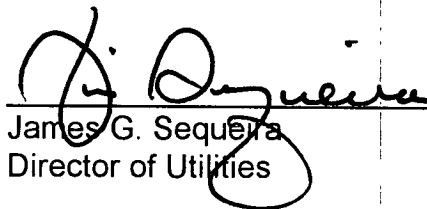
Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:



Robert P. Thomas
City Manager

APPROVED:



James G. Sequera
Director of Utilities

APPROVED

NOV 27 2001

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 2001-769

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION TO APPROVE THE CONSULTANT SERVICES AGREEMENT WITH MWH LABORATORIES FOR YEAR 2 OF THE SPECIAL DRINKING WATER MONITORING PROGRAM (PN: ZH41) FOR AN AMOUNT NOT TO EXCEED \$119,130.

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

The City Council approves the Consultant Services Agreement with MWH Laboratories for the Special Drinking Water Monitoring Program (PN: ZH41) for an amount not to exceed \$119,130.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____