



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

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ORIGINATING SECTION: WATER QUALITY
CONTACT: KAREN NEWTON / GURPAL DEOL

AGENDA DATE: January 16, 2019

ITEM NO. 7e

SUBJECT: Renewal of Municipal Water Quality Investigations Program Agreements

SUMMARY:

- The Department of Water Resources' (DWR) Municipal Water Quality Investigations (MWQI) Program and its predecessor, the Delta Health Aspects Monitoring Program, have been funded by the State Water Project (SWP) Contractors since 1982.
- The MWQI program monitors the water quality of the delta and the water being delivered to the State Water Contractors (SWC).
- Due to its proximity to the source, Zone 7 Water Agency benefits from this program and the information provided, and therefore has been an active participant in the program since it began.
- The MWQI program includes on-line water quality monitoring, routine sampling and analyses, and preparation of the SWP sanitary survey updates to meet regulatory requirements.
- The existing MWQI agreements, which expire at the end of 2019, covered the three year period 2017-2019 at a funding level of \$3.1 million per year. The annual total cost of the MWQI program for 2020 to 2022 is proposed to be same, not to exceed \$3.1 million for any program year. Zone 7's proportional share of funding under this agreement for the MWQI program costs in any program year is not to exceed \$90,000.
- The MWQI Specific Projects Committee (SPC) is funded with a portion of this \$3.1 million (up to \$700,000 a year). The SPC improves program efficiency and assists in the management of MWQI funds in the direction of special studies, hiring of consultants, and the purchase of goods and services necessary to carry out MWQI's mission.
- Staff recommends that the Board authorize the General Manager to negotiate and execute the Municipal Water Quality Investigations Agreement with the Department of Water Resources and the Specific Project Agreement with the State Water Contractors, for the calendar years 2020 through 2022, for a combined not-to-exceed total amount of \$90,000 per year for both agreements.

FUNDING:

This program is funded from Fund 100 – Water Enterprise

RECOMMENDED ACTION:

Adopt attached resolution.

BACKGROUND:

The Sacramento-San Joaquin Delta conveys drinking water from Lake Oroville to about two-thirds of the State's population. In 1981, a scientific advisory panel appointed by the Department of Water Resources (DWR) recommended that Delta water quality should be monitored and assessed to protect human health. DWR responded by forming the Interagency Delta Health Aspects Monitoring Program in 1982. This program was renamed the Municipal Water Quality Investigations (MWQI) Program in 1990. As the original name implies, the focus of the program has been on monitoring water quality parameters that may directly or indirectly affect the ability of the Municipal and Industrial (M&I) suppliers to meet primary drinking water standards.

DISCUSSION:

The MWQI Program provides valuable information for the State Water Project (SWP) M&I Contractors and other programs to insure the best available source water is pumped from the Delta, to efficiently operate the water storage and treatment facilities, and to plan for and design cost-effective drinking water improvement alternatives to meet future drinking water quality standards using water supplies conveyed through the Delta.

Some of the projects performed or planned by the MWQI Program are: SWP annual sanitary survey update, real-time water quality monitoring, water quality forecasting, continued development and expansion of real-time monitoring and forecasting capabilities in the SWP, routine sampling and laboratory analysis for key water quality constituents throughout the Delta and the SWP, emergency response to water quality events, and support and interaction with other agencies like Delta Stewardship Council, California Urban Water Agencies (CUWA), and the Central Valley Regional Water Quality Control Board (CVRWQCB) through various studies and programs.

The MWQI Program has a total not-to-exceed budget of \$3.1 million per year. There are two components that make up this total annual budget:

MWQI Annual Statements of Charges

One component of the funding for the Program is derived from the participating municipal contractors of the SWP per the Municipal Water Quality Agreement that was executed in 1994 and 1997. DWR charges the participating contractors through its Annual Statements of Charges (SOC) under the Transportation Minimum Operation, Maintenance, Power and Replacement (OMPR) component. The SOC charges are based on \$2.4 million per year (a portion of the \$3.1 million).

MWQI Specific Project Committee

The other component of the total annual budget is the supplemental services account administered separately by the State Water Contractors (SWC). This account was designed to increase flexibility for DWR to carry out the MWQI Program, allowing DWR to acquire staff resources and technical expertise to supplement DWR staff as necessary to enable all planned program activities to be successfully undertaken and completed. For 2020-2022, the total maximum amount in this supplemental services account is \$700,000 per year (the remainder of the \$3.1 million budget). The SPC will be subject to re-determination each successive year up to

\$700,000 depending on the anticipated committee costs. As in previous years, the funds will only be released from the supplemental services account upon approval by the MWQI SPC, composed of program participants including Zone 7.

Under the MWQI Agreement and Specific Project Agreement, Zone 7's MWQI SOC will be included in the Annual Statement of Charges from DWR under the Transportation Minimum OMPR component and SPC charges will be invoiced on a Program Year basis. Zone 7's total maximum commitment of approximately \$90,000 per year for this program is based on Zone 7's current "Table A" amount of 80,619 acre-feet. If participating contractors wish to renew this agreement for additional years following this three year agreement, the MWQI SPC will provide DWR with a letter of intent no later than February 1, 2022.

ATTACHMENTS:

Resolution

ZONE 7
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY
SECONDED BY

Renewal of Municipal Water Quality Investigations Program Agreements

BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate and execute the Municipal Water Quality Investigations Agreement with the Department of Water Resources and the Specific Project Agreement with State Water Contractors, for the calendar years 2020 through 2022, for a combined not-to-exceed total amount of \$90,000 per year for both agreements.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on January 16, 2019.

By _____
President, Board of Directors