

**MEETING OF THE CAPITAL IMPROVEMENT PROJECTS (CIP)
COMMITTEE OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
4040 PARAMOUNT BLVD., LAKEWOOD, CALIFORNIA 90712
3:00 P.M., THURSDAY, JUNE 22, 2017**

AGENDA

EACH ITEM ON THE AGENDA, NO MATTER HOW DESCRIBED, SHALL BE DEEMED TO INCLUDE ANY APPROPRIATE MOTION, WHETHER TO ADOPT A MINUTE MOTION, RESOLUTION, PAYMENT OF ANY BILL, APPROVAL OF ANY MATTER OR ACTION, OR ANY OTHER ACTION. ITEMS LISTED AS "FOR INFORMATION" MAY ALSO BE THE SUBJECT OF AN "ACTION" TAKEN BY THE BOARD OR A COMMITTEE AT THE SAME MEETING.

- 1. DETERMINATION OF A QUORUM**
- 2. PUBLIC COMMENT**
Pursuant to Government Code Section 54954.3
- 3. AWARD OF CONTRACT TO TETRA TECH INC. FOR CONSTRUCTION MANAGEMENT SERVICES FOR THE SAFE DRINKING WATER PROJECTS: CITY OF HUNTINGTON PARK, CALIFORNIA AMERICAN WATER AND CITY OF LYNWOOD, AND MAYWOOD MUTUAL WATER COMPANY NO. 2**
Staff Recommendation: The Capital Improvement Projects Committee on June 8th requested this item be continued to the meeting of June 22nd, for discussion and possible action.
- 4. APPROVE INCREASED BUDGET APPROPRIATION FOR THE ROBERT W. GOLDSWORTHY DESALTER EXPANSION PROJECT**
Staff Recommendation: The Capital Improvement Projects Committee recommends that the Board of Directors increase the project budget for the Robert W. Goldsworthy Desalter Expansion Project, subject to approval as to form by District Counsel, for an amount not to exceed \$847,000, which consists of \$770,000 plus a 10% contingency of \$77,000, for a total project budget of \$13,520,100.
- 5. GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM ADVANCED WATER TREATMENT FACILITY (GRIP AWTF) DESIGN-BUILD PROJECT PROGRESS REPORT**
Staff Recommendation: For discussion and possible action.
- 6. GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP) OUTREACH PROGRAMS UPDATE**
Staff Recommendation: For discussion and possible action.
- 7. DEPARTMENT REPORT**
Staff Recommendation: For information.

8. DIRECTORS REPORTS, INQUIRIES AND FOLLOW-UP OF DIRECTIONS TO STAFF

9. ADJOURNMENT

The Committee will adjourn to its next meeting currently scheduled for July 13, 2017 at 3:00 p.m.

Agenda posted by Sherri Brown, Senior Administrative Specialist on June 19, 2017. In compliance with ADA requirements, this document can be made available in alternative formats upon request.

In compliance with the Americans with Disabilities Act (ADA), if special assistance is needed to participate in the meeting, please contact Senior Administrative Sherri Brown at (562) 921-5521 for assistance to enable the District to make reasonable accommodations.

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 4040 Paramount Boulevard, Lakewood, California 90712.

Agendas and minutes are available at the District's website, www.wrd.org.

EXHAUSTION OF ADMINISTRATIVE REMEDIES – If you challenge a District action in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the District office at, or prior to, the public hearing. Any written correspondence delivered to the District office before the District's final action on a matter will become a part of the administrative record.



MEMORANDUM

ITEM NO. 3

DATE: JUNE 22, 2017

TO: CAPITAL IMPROVEMENT PROJECTS (CIP) COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: AWARD OF CONTRACT TO TETRA TECH INC. FOR CONSTRUCTION MANAGEMENT SERVICES FOR THE SAFE DRINKING WATER PROJECTS: CITY OF HUNTINGTON PARK, CALIFORNIA AMERICAN WATER AND CITY OF LYNWOOD, AND MAYWOOD MUTUAL WATER COMPANY NO. 2

SUMMARY

In 2016, the District approved three wellhead treatment projects through the Safe Drinking Water Program: California American Water Arlington Well, Huntington Park Well 15, and Lynwood Well 11. The wellhead treatment system at all three wells will consist of a complete granular activated filtration system built within the boundaries of the existing well sites owned and operated by the water systems. Granulated Activated Carbon filtration is a closed system that has long been recognized as an effective means for removing Volatile Organic Compounds (VOCs), including PCE and TCE, from groundwater wells. The treatment systems will have the capacity to treat the full flow of the wells.

In addition, as part of Assembly Bill No. 240, the District was designated to manage and implement a water quality improvement project in the City of Maywood. The appropriated funds were assigned to the Maywood Avenue Wellhead treatment project for iron and manganese removal. This bill designated the District to manage the design and implementation or construction of the project. The District approved the Maywood Avenue project in 2017.

On April 6, 2017, the Board approved release of a Request for Proposals (RFP) for construction management services to assist with overseeing the contractors of the multiple projects that will be contracted by the District. On May 16, 2017, a mandatory pre-proposal meeting was held with five (5) firms attending. On May 23, 2017, the District received two proposals before the prescribed submittal deadline from Carollo Engineers and Tetra Tech which were reviewed by three (3) District staff. The proposal evaluation criteria included project team qualifications and management plan, project understanding and approach, relevant experience, proposed labor hours and fees, meeting the project schedule, and participation in the District's policy for local/small/veteran businesses.

Based on the proposals submitted, Tetra Tech, Inc. is considered the most qualified firm for the multiple projects. Tetra Tech demonstrated the best understanding and approach, as well as assembled the strongest project team with extensive experience in managing similar projects.

FISCAL IMPACT

The base cost for construction management from Tetra Tech is \$297,100 for the multiple projects. There are sufficient funds in the District's Capital Improvement Program for the proposed work.

Three of the proposed Safe Drinking Water projects to be financed through the 2015 bond issuance and the Maywood Avenue project will be funded through the AB 240 appropriated funds. Sufficient funds exist in the District's Capital Improvement Program (CIP) through debt service financing.

STAFF RECOMMENDATION

The Capital Improvement Projects Committee recommends that the Board of Directors authorize the General Manager to execute a two-year professional services agreement with Tetra Tech Inc., subject to approval as to form by District Counsel, for construction management services for four Safe Drinking Water approved projects for a total contract amount not to exceed \$300,000 (rounded), plus a 10% contingency allowance of \$30,000 (rounded), for a total project budget amount of \$330,000 (rounded).



MEMORANDUM

ITEM NO. 4

DATE: JUNE 22, 2017

TO: CAPITAL IMPROVEMENT PROJECTS (CIP) COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: APPROVE INCREASED BUDGET APPROPRIATION FOR THE ROBERT W. GOLDSWORTHY DESALTER EXPANSION PROJECT

SUMMARY

On November 19, 2015, the WRD (District) Board of Directors awarded a construction contract in the amount of \$11,521,000, with a 10% contingency of \$1,152,100 (total budget amount of \$12,673,100), to Shimmick Construction Company, Inc. (Shimmick) to expand the existing Robert W. Goldsworthy Desalter from a production capacity of 2.5 million gallons per day (mgd) facility to 5.0 mgd. Construction activities not only included expansion, startup, and testing of the plant, but also included upgrades to the Supervisory Control And Data Acquisition (SCADA) system, and equipping the two newly-installed production wells (e.g. City Yard Well and Delthorne Park Well). The Robert W. Goldsworthy Desalter Expansion Project (Project) commenced on December 17, 2015 and is expected to be substantially completed by August 18, 2017.

The District previously was awarded two grants to offset the cost of this Project. The two grants total \$7,000,000 and are comprised of a \$3,000,000 State Desalination grant and a \$4,000,000 Integrated Regional Management Program (IRWMP) Round 3 grant. To date, we have received approximately \$2,000,000 in grant reimbursements.

The Board-approved contingency funds for this Project will be fully utilized to:

- Purchase new reverse osmosis elements for the original treatment train,
- Address unforeseen utilities encountered during pipeline installation (i.e. potholing, piping reroutes, etc.),
- Provide upgrades to the plant control system to meet WRD's new SCADA standards and the associated programming and related equipment,
- Address project delays caused by development and implementation of WRD's new SCADA standards,
- Replace and upgrade old conduit, piping, valves, and other equipment which are required due to the age of the plant and integration with the plant expansion design, and
- Address City of Torrance requests, such as restoration of the existing lawn and sprinklers at Delthorne Park due to the well drilling and construction work.

District staff is prepared to issue change orders to Shimmick to fund costs related to the additional scope of work items outlined above. These change orders will exceed the current project appropriation, including project contingencies. Therefore, an additional amount of

\$847,000, which consists of \$770,000 (rounded) plus a 10% contingency of \$77,000, is needed to cover the anticipated change orders.

FISCAL IMPACT

The Project is partially funded by two grants that total \$7,000,000. These grants include a \$3,000,000 State Desalination grant and a \$4,000,000 Integrated Regional Management Program (IRWMP) Round 3 grant. The remaining cost of the Project is financed by the 2015 bond issuance proceeds appropriated for the Robert W. Goldsworthy Desalter Expansion Project.

STAFF RECOMMENDATION

The Capital Improvement Projects (CIP) Committee recommends that the Board of Directors increase the project budget for the Robert W. Goldsworthy Desalter Expansion Project, subject to approval as to form by District Counsel, for an amount not to exceed \$847,000, which consists of \$770,000 plus a 10% contingency of \$77,000, for a total project budget of \$13,520,100.



MEMORANDUM

ITEM NO. 5

DATE: JUNE 22, 2017

TO: CAPITAL IMPROVEMENT PROJECTS (CIP) COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM'S ADVANCED WATER TREATMENT FACILITY (GRIP AWTF) DESIGN-BUILD PROJECT PROGRESS REPORT

SUMMARY

The GRIP AWTF project schedule includes numerous critical path milestones that must be managed and attained to meet the overall CY2018 project completion objective. Design and construction related activities commenced starting in July 2016. District staff will provide a regular verbal progress report to the CIP Committee.

FISCAL IMPACT

None.

STAFF RECOMMENDATION

For discussion and possible action.



MEMORANDUM

ITEM NO. 6

DATE: JUNE 22, 2017

TO: CAPITAL IMPROVEMENT PROJECTS (CIP) COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

**SUBJECT: GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP)
OUTREACH PROGRAMS UPDATE**

SUMMARY

A GRIP Outreach Programs update will be provided at the meeting.

FISCAL IMPACT

None.

STAFF RECOMMENDATION

For discussion and possible action.