

**SPECIAL MEETING OF THE TECHNICAL ADVISORY COMMITTEE
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
4040 PARAMOUNT BOULEVARD, LAKEWOOD, CALIFORNIA 90712
1:00 P.M., THURSDAY, JANUARY 4, 2018**

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" or "For Discussion" 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. APPROVE MINUTES OF THE SPECIAL MEETING OF SEPTEMBER 20, 2017**
Staff recommendation: The Technical Advisory Committee approves the minutes as submitted.
- 4. GROUNDWATER RELIABILITY IMPROVEMENT PROJECT (GRIP) PROGRESS STATUS REPORT AND BUDGET/SCHEDULE OVERVIEW**
Staff recommendation: For discussion and possible action.
- 5. REVIEW ADOPTED FIVE YEAR CAPITAL IMPROVEMENT PROGRAM (CIP) UPDATE**
Staff recommendation: For information.
- 6. ADJOURNMENT**

Agenda posted by Sherri Brown, Senior Administrative Specialist on January 3, 2018. 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 Manager of Internal Services In compliance with the Americans with Disabilities Act (ADA), if special assistance is needed to participate in the meeting, please contact the Manager of Internal Services 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 Manager of Internal Services 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: JANUARY 4, 2018
TO: TECHNICAL ADVISORY COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: APPROVE MINUTES OF SEPTEMBER 20, 2017

**MINUTES OF SEPTEMBER 20, 2017
SPECIAL TECHNICAL ADVISORY COMMITTEE MEETING
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA**

A special meeting of the Technical Advisory Committee of the Board of Directors of the Water Replenishment District of Southern California was held on September 20, 2017 at 9:42 a.m., at the District Office, 4040 Paramount Boulevard, Lakewood, California 90712. Committee Chair Rob Beste called the meeting to order and presided thereafter. Senior Administrative Assistant Sherri Brown recorded the minutes.

1. DETERMINATION OF A QUORUM

A quorum was present, which in addition to Committee Chair Beste from the City of Torrance Public Works, included Jason Wen from City of Lakewood, Kate Nutting from Golden State Water Company and Michael Gualtieri from La Habra Heights County Water District. Ron Sorenson from Cal Water; and Eric Leung from Long Beach Water Department were excused.

WRD staff included Robb Whitaker, Ken Ortega, Brandon Mims and Esther Rojas.

2. PUBLIC COMMENT

Pursuant to Government Code Section 54954.3

None.

3. APPROVE MINUTES OF THE SPECIAL MEETING OF JUNE 28, 2017

The Committee approved the minutes as submitted.

4. HISTORY OF WRD TECHNICAL ADVISORY COMMITTEE

This item was tabled to a future meeting.

5. UPDATE OF FIVE YEAR CAPITAL IMPROVEMENT PROGRAM (CIP) PROJECTS

Assistant General Manager Ken Ortega provided a presentation and report. Discussion followed.

Upon a motion duly made by Jason Wen and seconded by Kate Nutting, with Ron Sorenson and Eric Leung absent, it was

RESOLVED: The Technical Advisory Committee recommends the Capital Improvement Projects (CIP) Committee and WRD Board of Directors adopt the Updated Five-Year Capital Improvement Program for Fiscal Years 2017-18, through Fiscal Years 2021-2022 as submitted; and authorize staff to file a Notice of Exemption from CEQA.

6. ADJOURNMENT

The TAC did not schedule a future meeting at this time, however will do so if needed. Discussion followed.

General Manager Robb Whitaker reminded the Committee that the ballot for new BAC committee members will be going out.

There being no further business to come before the Committee, the meeting was adjourned at 10:03 A.M.

Chairman

ATTEST:

Vice Chairman

Approved in minutes of:



MEMORANDUM

ITEM NO. 4

DATE: JANUARY 4, 2018

TO: TECHNICAL ADVISORY COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

**SUBJECT: GROUNDWATER RELIABILITY IMPROVEMENT PROJECT (GRIP)
PROGRESS STATUS REPORT AND BUDGET/SCHEDULE OVERVIEW**

SUMMARY

Construction on the Groundwater Reliability Improvement Project Advanced Water Treatment Facility (GRIP AWTF) began on July 12, 2016. Steady progress has been made since construction commenced nearly eighteen months ago. All major underground structures including a 3.6 million gallon buried concrete flow equalization basin (reservoir) have been successfully installed and tested, and vertical construction activities (i.e. building steel frame erection) starting several months ago.

The District has experienced considerable success in its pursuit of outside funding to support the GRIP AWTF. Most notably, the State Water Resources Control Board approved both a \$80,000,000, 1-percent interest, 30-year loan and \$15,000,000 grant for the project. This was in addition to approximately \$9,900,000 in grants received from the Rivers and Mountains Conservancy, United States Bureau of Reclamation, and Proposition 84. To date, the value of grants and loans has resulted in approximately \$75,600,000 in interest savings when compared to conventional bond financing using a 3.49% interest rate and 30-year term.

However, because the State Water Resources Control Board for Water Recycling Construction Financing Installment Sale (loan) and Grant Agreement for the GRIP AWTF was not fully approved coincidental with the execution of the design-build contract with J.F. Shea, provisions of this funding will impact the original project budget and schedule.

Most notably, the State Board funding requires the use of American iron and steel for the project. This was not included in the executed agreement project cost and schedule. The estimated increased cost of using American iron and steel is about \$2 million compared to the original design-build contract. The schedule impact will be approximately 4.5 months, since the procurement time for American iron and steel is longer than the sources used in the original project schedule. The estimated cost and schedule impacts associated with the American Iron and Steel (AIS) buy American provision of the State's Installment Sale (Loan) And Grant Agreement. The upside of the State Board and other funding is the savings of \$75,600,000 over 30 years. The downside is a cost impact of about \$2 million and a total project completion (including rain delays) date extension of 5.5 months.

WRD staff is seeking consensus from the Technical Advisory Committee on schedule and budget adjustments for the Construction on the Groundwater Reliability Improvement Project Advanced Water Treatment Facility (GRIP AWTF).

FISCAL IMPACT

WRD staff will provide more details of the cost and schedule impacts during the meeting.

STAFF RECOMMENDATION

For discussion and possible action.