



AGENDA

WATER RESOURCES COMMITTEE Santa Fe Irrigation District

Thursday, August 1, 2019
9:00 a.m.

Held at the Santa Fe Irrigation District
5920 Linea de Cielo, Rancho Santa Fe, CA 92067

CALL MEETING TO ORDER

ORAL COMMUNICATIONS

Opportunity for members of the public to address the Committee (Government Code Section 54954.3) Individuals may address the Committee regarding items not appearing on the posted agenda, which are within the subject matter jurisdiction of the Board, at any time. Comments and inquiries pertaining to items listed on the agenda will be received during the deliberation of the agenda item. Speakers are asked to state their name, address, and topic, and to observe a time limit of three (3) minutes each. Members of the public desiring to address the Committee are asked to complete a speaker's card, available at the table near the entrance and present it to the Board Secretary prior to the start of the meeting.

ACTION AND DISCUSSION ITEMS

1. Approval of April 4, 2019 Meeting Minutes (*Continued from June 6, 2019*) (pages 3-5)
2. Approval of June 6, 2019 Meeting Minutes (pages 6-8)
3. Consider Authorizing the General Manager to Execute Services Agreement for Asphalt Pavement Repair Services (page 9-10)
4. Consider Approval of Sole Source Purchase Agreement with Polydyne, Inc. for Anionic Polymer (pages 11-12)

REPORTS

5. FY20 Capital Improvement Projects Status Report (verbal)
6. Engineering Services Manager's Report (verbal)
7. Operations Manager's Report (verbal)
8. General Manager's Report (verbal)

9. Committee Members' Comments (verbal)

INFORMATION ITEMS – None

ADJOURN

Next Scheduled Water Resources Committee meeting: *Thursday, September 5, 2019 at 9:00 a.m.*

**MINUTES
SANTA FE IRRIGATION DISTRICT
WATER RESOURCES COMMITTEE**

April 4, 2019
Santa Fe Irrigation District
5920 Linea del Cielo, Rancho Santa Fe, CA 92067

PRESENT: Chairman Andy Menshek, Director Marlene King, General Manager Al Lau, Executive Assistant Kim Johnson, Administrative Services Manager Seth Gates, Engineering Services Manager Bill Hunter, Chief Treatment Operator Elijah Standing Warrior, and Associate Civil Engineer Marissa Potter were present. Also present were Scott Goldman, Woodard and Curran, and Shane Trussell, Trussell Technologies.

Chairman Menshek called the meeting to order at 9:00 a.m.

ORAL COMMUNICATIONS - None

ACTION AND DISCUSSION ITEMS:

1. APPROVAL OF MARCH 7, 2019 MEETING MINUTES

Director King requested a correction to the minutes, Item 3, noting that the agency referenced should be Department of Fish and Wildlife.

The Committee approved the minutes as amended.

2. OVERVIEW OF THE RECYCLED WATER EXPANSION PLAN

ESM Hunter introduced the item and introduced Scott Goldman, Woodard and Curran, who utilized a PowerPoint presentation to provide an overview of the Plan. Mr. Goldman introduced Shane Trussell, Trussell Technologies, who was a contributor to the Plan.

ESM Hunter and Mr. Goldman responded to questions from the Committee.

After discussion, the Committee directed staff to forward the item for full Board consideration at their regular April meeting.

3. REVIEW DRAFT FISCAL YEAR 2020 CAPITAL IMPROVEMENT BUDGET AND DRAFT UPDATED 10 YEAR CAPITAL IMPROVEMENT PROGRAM

ESM Hunter presented the item and responded to questions from the Committee. After discussion, the Committee agreed to include the budget in the FY20 District budget.

4. REVIEW DRAFT FISCAL YEAR 2020 CAPITAL ACQUISITION BUDGET

ASM Gates presented the item and responded to questions from the Committee. After discussion, the Committee agreed to include the items requested in the full FY20 District budget for Board consideration.

5. CONSIDER EXECUTING PURCHASE CONTRACT FOR CASE BACKHOE LOADER AND FLEET VEHICLES

ASM Gates presented the item and responded questions from the Committee. After discussion, the Committee concurred with staff's recommendation for Board approval and directed staff to move the item forward for full Board consideration at their regular April meeting as a Consent item.

6. CONSIDER AMENDMENT NO. 8 TO THE PROFESSIONAL SERVICES AGREEMENT WITH KLEINFELDER, INC. FOR SEPARATION OF THE DESIGN PACKAGE FOR JOINT FACILITIES IMPROVEMENTS

ESM Hunter presented the item and responded to questions from the Committee. After discussion, the Committee concurred with staff's recommendation for Board approval and directed staff to move the item forward for full Board consideration at their regular April meeting as a Consent item.

7. CONSIDER APPROVAL OF AN ENCROACHMENT PERMIT ACROSS A DISTRICT WATER MAIN WITHIN A PUBLIC UTILITY EASEMENT ON APN 268-070-12

ACE Potter presented the item and responded to questions from the Committee. After discussion, the Committee concurred with staff's recommendation for Board approval and directed staff to move the item forward for full Board consideration at their regular April meeting as a Consent item.

8. CONSIDER ADOPTION OF AMENDED LOCAL GUIDELINES FOR IMPLEMENTING THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

ACE Potter presented the item and responded to questions from the Committee. After discussion, the Committee concurred with staff's recommendation for Board approval and directed staff to move the item forward for full Board consideration at their regular April meeting as a Consent item.

9. CONSIDER A MOU ALLOWING SDWD TO SERVE WATER TO A SAN ELIJO LAGOON RESTORATION PROJECT PARTIALLY LOCATED WITHIN SFID'S SERVICE AREA

AGM Hunter presented the item and responded to questions from the Committee. After discussion, the Committee concurred with staff's recommendation for Board approval and

directed staff to move the item forward for full Board consideration at their regular April meeting as a Consent item.

REPORTS

10. FY19 CAPITAL IMPROVEMENT PROJECTS STATUS REPORT

ESM Hunter provided a status update on current projects and responded to questions from the Committee.

11. **ENGINEERING SERVICES MANAGER’S REPORT** – ESM Hunter reported that the review of the 2015 Urban Water Management Plan was due in FY20; however, the Department of Water Resources is behind on issuing guidelines, therefore, the UWMP will likely be due in FY21.

12. **OPERATIONS MANAGER’S REPORT** - CTO Standing Warrior reported on Lake levels and rainfall yield during the recent storms.

13. **GENERAL MANAGER’S REPORT** - GM Lau utilized a PowerPoint presentation to provide an overview of regional water supply conditions and reported on recent meetings with the City of San Diego and San Diego County Water Authority regarding Lake Hodges Dam and potential actions related to dam levels.

14. **COMMITTEE MEMBERS’ COMMENTS** – None

INFORMATION ITEMS – None

ADJOURN

Chairman Menshek adjourned the meeting at 10:58 a.m.

Andy Menshek, Chairman

MINUTES
SANTA FE IRRIGATION DISTRICT
WATER RESOURCES COMMITTEE

June 6, 2019
Santa Fe Irrigation District
5920 Linea del Cielo, Rancho Santa Fe, CA 92067

PRESENT: Chairman Andy Menshek, Director Marlene King, General Manager Al Lau, Executive Assistant Kim Johnson, Administrative Services Manager Seth Gates, Engineering Services Manager Bill Hunter, and Distribution Operations Supervisor Chris Bozir were present.

Chairman Menshek called the meeting to order at 8:30 a.m.

ORAL COMMUNICATIONS - None

ACTION AND DISCUSSION ITEMS:

1. APPROVAL OF APRIL 4, 2019 MEETING MINUTES

Director King expressed concern that the minutes were “boilerplate” and did not contain adequate information to be as transparent as she would like for District customers. She requested the minutes be continued to the next Committee meeting. GM Lau said he would confer with District General Counsel as to required content of meeting minutes. The Committee agreed to continue the minutes.

2. CONSIDER APPROVAL OF SOLE SOURCE NEGOTIATIONS WITH ANDRITZ SEPARATIONS TECHNOLOGIES, INC. FOR NEW CENTRIFUGE EQUIPMENT FOR THE MECHANICAL DEWATERING IMPROVEMENTS PROJECT J-1752

ESM Hunter presented the item and responded to questions from the Committee. After discussion, the Committee directed staff to move the item forward for full Board consideration at their regular June meeting as a Consent item.

3. CONSIDER APPROVAL OF ONE-YEAR SOLE SOURCE AGREEMENT WITH CALIFORNIA ALUMINUM CHEMICAL ENTERPRISES, INC. FOR ALUMINUM CHLOROHYDRATE COAGULANT

ASM Gates presented the item and responded to questions from the Committee. After discussion, the Committee directed staff to move the item forward for full Board consideration at their regular June meeting as a Consent item.

4. NOTICE OF COMPLETION FOR THE AUTOMATED METERING PROGRAM PHASE 4 PROJECT J-1900

ESM Hunter presented the item and responded to questions from the Committee. He also praised the work of Distribution Operations Supervisor Chris Bozir and Utility Worker II Nick Isabell for their attention to detail during the preparation of automated meter installation.

After discussion, the Committee directed staff to move the item forward for full Board consideration at their regular June meeting as a Consent item.

5. CONSIDER CANCELING JULY 4, 2019 WATER RESOURCES COMMITTEE MEETING

GM Lau presented the item. After discussion, the Committee agreed to cancel the July 4, 2019 meeting.

6. CONSIDER EXECUTING PURCHASE CONTRACT FOR VACUUM EXCAVATOR

ASM Gates presented the item and responded to questions from the Committee. After discussion, the Committee directed staff to move the item forward for full Board consideration as a Consent item.

REPORTS

7. FY19 CAPITAL IMPROVEMENT PROJECTS STATUS REPORT

ESM Hunter provided a status update on current projects and responded to questions from the Committee.

8. ENGINEERING SERVICES MANAGER'S REPORT – No additional report

9. OPERATIONS MANAGER'S REPORT - GM Lau introduced Distribution Operations Supervisor Bozir who provided an update on a recent leak on El Mirlo.

10. GENERAL MANAGER'S REPORT - GM Lau reported he had recently attended the Solano East Community Group meeting and provided them an update on Lake Hodges Dam. He also provided the group the list of FAQ prepared by the City of San Diego related to the lowering of the levels at Lake Hodges Dam.

11. COMMITTEE MEMBERS' COMMENTS

Director King commented on the direction given by the Public Utility Commission to restrict power in upcoming fire season and asked the potential impacts to the District facilities.

Director Menshek asked the Board be kept apprised of the requests from Fallbrook Public Utility District and Rainbow Municipal Water District to detach from the San Diego County Water Authority.

INFORMATION ITEMS – None

ADJOURN

Chairman Menshek adjourned the meeting at 9:34 a.m.

Andy Menshek, Chairman

DATE: August 1, 2019

TO: Water Resources Committee

FROM: General Manager

SUBJECT: Consider Authorizing the General Manager to Execute Services Agreement for Asphalt Pavement Repair Services

RECOMMENDATION:

It is the Staff recommendation that the Water Resources Committee:

1. Recommend the Board of Directors authorize the General Manager to execute an agreement with L. C. Paving and Sealing, Inc., for Asphalt Pavement Repair Services for FY20, in an amount not to exceed \$143,000; and
2. Discuss and take other action as appropriate.

DISCUSSION:

SFID performs construction and maintenance of water pipeline systems in the roadways, easements, and public right-of-ways of its service area. SFID requested bids for asphalt pavement repair by an outside contracting service. It is estimated that Santa Fe Irrigation District repairs approximately 6,500 square feet of pavement per year. These repairs are associated with the installation of new services, repairs, and maintenance activities.

Pavement repair is a service that can be readily contracted for because it is a relatively standard duty that doesn't require specific knowledge of District facilities to perform. The use of an outside service provider for pavement repair allows highly trained Operations and Maintenance staff to focus on performing the technical work being performed throughout the system.

In accordance with SFID's policies and procedures, the vendor retained will provide asphalt pavement repair services for SFID maintenance crews on an as-needed basis for FY 2020. The scope of work includes, but not be limited to furnishing all labor, traffic control, materials, tools, equipment and performing all work required for all installations any testing of asphalt pavement, aggregate base course, tack coat, seal coat, overlays, emulsified asphalt slurries, striping and reflective devices for District Patches for one year contract duration, with an option to extend the contract up to two additional one year terms.

A Notice to Bidders and specifications for asphalt paving services were published in the local newspaper and on the District website on May 28, 2019. Bids were received and opened on June 6, 2019. A summary of the bids received are presented below (costs include sales tax):

Vendor	Unit Price/6500	Total Cost
L. C. Paving and Sealing, Inc.	\$22.00	\$143,000.00
ATP General Engineering Contractors, LLC	\$28.69	\$186,485.00
Joe's Paving	\$30.52	\$198,372.85

Staff recommends the Water Resources Committee recommend the Board of Directors award a services contract for Asphalt Pavement Repair Services to L. C. Paving and Sealing, Inc., for a not to exceed cost of \$143,000.00. L. C. Paving and Sealing, Inc., adhered to the specification requirements and submitted the lowest, responsive bid.

FISCAL IMPACT:

The FY20 Operations Budget includes \$200,000 for the procurement of these services.

Prepared by: Matt Sprint, Distribution Construction Supervisor

Approved by: Albert C. Lau, P. E., General Manager

DATE: August 1, 2019
TO: Water Resources Committee
FROM: General Manager
SUBJECT: **Consider Approval of Sole Source Agreement with Polydyne, Inc. for Anionic Polymer**

RECOMMENDATION:

It is the Staff recommendation that the Water Resources Committee:

1. Recommend the Board of Directors approve the sole source agreement with Polydyne Inc. to procure Anionic Polymer (Clarifloc A-6330) for the R.E. Badger Filtration Plant;
2. Discuss and take other action as appropriate.

DISCUSSION:

The R. E. Badger Filtration Plant (Plant) utilizes different water sources at various times in each fiscal year depending on availability. These sources include water from Lake Hodges, Colorado River, and California State Water Project (SWP). Both Lake Hodges and SWP water contain a significant amount of organic and other matter that is filtered out during the treatment process, primarily through flocculation / sedimentation. Prior to 2014, this residual organic material was sent to San Dieguito Reservoir as a by-product of the Plant treatment process; however, this material has reduced the Reservoir capacity due to continued accumulation. In 2014, the Plant refurbished the centrifuge and other de-watering equipment, which enabled Plant staff to dry this organic material and dispose of it in a local certified landfill instead of the Reservoir. This de-watering process includes the introduction of a negatively charged anionic polymer to the slurry left over from treatment, which is naturally attracted to this organic material in the slurry and is thusly separated. This final more concentrated slurry mixture is then further de-watered through a centrifuge to enable Plant Staff to create a dry product to properly dispose of. The Plant utilizes Clarifloc A-6330 anionic polymer in this de-watering process, which was determined through jar testing to be the most effective polymer in both 2014 during refurbishment of the de-watering equipment, and again in 2017.

District Staff are requesting that a sole source with Polydyne, Inc. be authorized for \$52,538.90 to accommodate a polymer price of \$1.06/lb. and for a term of July 1, 2019 to June 30, 2020 to allow for continued de-watering of this slurry. District Staff are requesting this sole source as additional jar testing will need to be performed due to the Joint Facilities Project #1752, Dewatering & Filter Washwater Improvements project. This capital project will change the consistency and characteristics of the slurry produced from the treatment process, and further testing will be

required, which may or may not reveal that the Clarifloc A-6330 is the most effective polymer in the de-watering process.

FISCAL IMPACT:

The sole source price that Polydyne, Inc. has agreed to for FY20 is \$1.06/lb. of ACH, which is an increase from the current price of \$0.95/lb. The increase can be attributed to the enormity of raw material cost increases Polydyne has experienced over the last year, the recently imposed import tariffs and resulting impacts to production costs, and increase in cost of trucking services.

The FY20 Budget has sufficient funding for Plant de-watering expenditures for the requested \$52,538.90 contract.

Prepared by: David Harris, System Maintenance Supervisor
Reviewed by: Seth Gates, Administrative Services Manager
Approved by: Albert C. Lau, P.E., General Manager