



AGENDA

WATER RESOURCES COMMITTEE Santa Fe Irrigation District

**Thursday, September 7, 2017
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 August 3, 2017, Meeting Minutes (pages 3-5)
2. Consider Filing Notice of Completion for the San Dieguito Pump Station Replacement Project (J-600) (pages 6-11)
3. Alternative Water Supply Development Options Discussion (verbal)

REPORTS

4. FY18 Capital Improvement Projects Status Report (verbal)
5. Engineering Services Manager's Report (verbal)
6. Operations Manager's Report (verbal)
7. General Manager's Report (verbal)
8. Committee Members' Comments (verbal)

INFORMATION ITEMS – None

CLOSED SESSION

9. Conference with Legal Counsel- Anticipated Litigation
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of
Government Code Section 54956.9
One potential case

ADJOURN

Next Water Resources Committee meeting: *Thursday, October 5, 2017 at 9:00 a.m.*

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

August 3, 2017
Santa Fe Irrigation District
5920 Linea del Cielo, Rancho Santa Fe, CA 92067

PRESENT: Chairman Kenneth Dunford, Vice President Augie Daddi, General Manager Michael Bardin, Executive Assistant Kim Johnson, Engineering Services Manager Bill Hunter, Operations Manager Cor Shaffer, and Associate Civil Engineer Marissa Potter were present. Also present was San Dieguito Water District General Manager Bill O'Donnell.

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

ORAL COMMUNICATIONS - None

ACTION AND DISCUSSION ITEMS:

1. APPROVAL OF JUNE 1, 2017, MEETING MINUTES

The Committee approved the minutes as submitted.

2. CONSIDER AMENDMENT NO. 2 TO THE PROFESSIONAL SERVICE AGREEMENT WITH THE KLEINFELDER GROUP FOR JOINT FACILITIES IMPROVEMENTS

GM Bardin presented the item and he and ESM Hunter Shaffer responded to questions from the Committee.

After discussion, the Committee agreed with staff's recommendation and directed staff to forward the item to the full Board for their consideration at their regular August meeting as a consent item.

3. CONSIDER AUTHORIZING THE GENERAL MANAGER TO EXECUTE SERVICES AGREEMENT FOR TRAFFIC CONTROL SERVICES

GM Bardin presented the item and he and ESM Hunter Shaffer responded to questions from the Committee.

After discussion, the Committee agreed with staff's recommendation and directed staff to forward the item to the full Board for their consideration at their regular August meeting as a consent item.

4. DISCUSSION OF ALTERNATIVE WATER SUPPLY DEVELOPMENT OPTIONS

GM Bardin presented the item and responded to questions from the Committee.

A lengthy discussion ensued and the Committee felt this item should move forward to the full Board to provide the opportunity for extensive discussion in a workshop setting. As it was an informational item, there was no Committee action required.

REPORTS

5. FY17 CAPITAL IMPROVEMENT PROJECTS STATUS REPORT

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

6. ENGINEERING SERVICES MANAGER'S REPORT

ESM Hunter discussed the school improvement project at Skyline School, the execution of the agreement with CalTrans for pipeline relocation in support of their project on Interstate 5, and the temporary access agreement with Verizon for work at the Rancho Santa Fe Fire Department.

7. OPERATIONS MANAGER'S REPORT

OM Shaffer reported the City of San Diego will be moving Lake Hodges water through the aqueduct at a slow rate because of water quality challenges. He also reported on bid results for a Filter Effluent Actuator Replacement, and requested the Committee support the item moving forward for full Board consideration at the regular August meeting as a sole source purchase. The Committee agreed with staff's request and recommended the item move forward as a Consent item.

8. GENERAL MANAGER'S REPORT – None

9. COMMITTEE MEMBERS' COMMENTS - None

INFORMATION ITEMS

10. COUNTY OF SAN DIEGO - RECYCLED WATER USE SITE CERTIFICATION, COASTAL RAIL TRAIL

This item was for the Committee's information only. No action was requested or required.

ADJOURN

Chairman Dunford adjourned the meeting at 11:07 a.m.

Kenneth Dunford, Chairman

DATE: September 7, 2017

TO: Water Resources Committee

FROM: General Manager

SUBJECT: Consider Filing Notice of Completion for the San Dieguito Pump Station Replacement Project J-600

RECOMMENDATION:

It is the Staff recommendation that the Water Resources Committee:

1. Recommend the Board of Directors authorize the General Manager to take final acceptance of the San Dieguito Pump Station Replacement Project J-600 and file a Notice of Completion at the appropriate time; and
2. Discuss and take other action as appropriate.

DISCUSSION:

At its June 18, 2015 meeting, the Board of Directors of the Santa Fe Irrigation District (SFID) approved a contract with Pacific Hydrotech for the construction of the San Dieguito Pump Station Replacement Project J-600 (the Project). The Project replaced the existing San Dieguito Pump Station (SDPS) that was built in 1967 and had reached the end of its useful life. The Project also included replacement of the pump station intake piping and the rehabilitation of two existing 24-inch diameter intake penetrations through the San Dieguito Dam.

The initial construction contract amount was \$5,507,400. As shown on Table 1 below, the Project required 12 Change Orders totaling \$277,471.94 (approximately 5.0% of the initial contract amount) bringing the construction cost to \$5,784,871.94. The Project budget considered the potential for change orders and the final construction cost is within the established budget.

Table 1 San Dieguito Pump Station Replacement Project J-600 Change Order Summary To Date			
Authorizations	Amount	Total Contract Amount	Revised Contract Completion Date
Original Contract	\$5,507,400.00	\$5,507,400.00	October 14, 2016
Change Order 1	\$27,056.00	\$5,534,456.00	October 26, 2016
Change Order 2	\$33,527.00	\$5,567,983.00	October 31, 2016
Change Order 3	\$8,634.00	\$5,576,617.00	No Revision
Change Order 4	\$34,059.00	\$5,610,676.00	November 1, 2016

Change Order 5	\$24,125.00	\$5,634,801.00	December 19, 2016
Change Order 6	\$33,383.00	\$5,668,184.00	December 24, 2016
Change Order 7	\$31,103.00	\$5,699,287.00	January 3, 2017
Change Order 8	\$29,919.44	\$5,729,206.44	January 5, 2017
Change Order 9	\$10,481.00	\$5,739,687.44	January 30, 2017
Change Order 10	\$8,727.00	\$5,748,414.44	No Revision
Change Order 11	\$21,883.50	\$5,770,297.94	No Revision
Change Order 12	\$14,574.00	\$5,784,871.94	February 7, 2017
Total	\$277,471.94	\$5,784,871.94	February 7, 2017

The commencement date for the project was July 20, 2015 and the original contract completion date was established as October 14, 2016. As shown on Table 1, the contract completion date was extended to February 7, 2017 through various Change Orders during construction. The Project is actually expected to be completed on September 15, 2017 which is 220 days beyond the contract completion date. Since construction of the Project is expected to be completed on September 15, 2017, it is recommended that the Water Resources Committee recommend the Board of Directors authorize the General Manager to take final acceptance of the Project and file a Notice of Completion at the appropriate time.

Upon authorization by the Board and final acceptance by the General Manager, the Notice of Completion will be recorded with the San Diego County Recorder. Authorizing the General Manager to take final acceptance would authorize Staff to release available retention funds 35 days after the Notice of Completion is recorded, and following submittal of a complete final pay application from the Contractor. To date, SFID has received one \$403,100 stop payment notice for the Project. In accordance with applicable legal requirements, SFID is withholding the total amount plus 25% of the stop payment notice until the issue is resolved between the Contractor and their vendor. The amount of retention available for release will depend upon the status of the one stop notice already received, and any additional stop notices received during the 35-day period following recording, as well as the amount of funds withheld for liquidated damages or other reasons.

Attachment A provides a Project cost summary to date including the Project's change order history. The draft Notice of Completion is presented as Attachment B.

FISCAL IMPACT:

The total capital estimate for the San Dieguito Pump Station Replacement Project J-600 is \$7,500,000. The total capital cost included approximately \$6,200,000 for construction. The total construction cost to date of \$5,784,871.94 is within the established budget.

In accordance with the Construction Contract, the Project accrued liquidated damages of \$1,000 per day. Based on the completion date of September 15, 2017, the liquidated damages total \$220,000.

Due to the Project delay, the Project has accrued additional construction management, engineering services, District labor, and legal costs. These costs have been held to a level that is still within the approved total capital budget for the Project. Table 2 provides a summary of the financial status of the Construction Contract:

Table 2 Project J-600 San Dieguito Pump Station Replacement Project Construction Contract Financial Status and Projections		
A	Total Contract Amount Including C.O.s	\$5,784,871.94
B	Amount Paid To Date To The Contractor	\$5,040,454.00
C = A-B	Remaining Unpaid Contract (includes retention and withholding for stop payment notice)	\$744,417.94
D	Stop Payment Notice Withheld (Actual stop Payment amount of \$403,100 plus 25%)	\$503,875.00
E	Liquidated Damages	\$220,000.00
F = C-(D+E)	Remaining Amount Available For Payment To The Contractor Until Stop Payment Notice is Resolved	\$20,542.94

Attachment A: Draft Project Summary
 Attachment B: Draft Notice of Completion

Prepared by: Marissa J. Potter, Associate Civil Engineer
 Reviewed by: William G. Hunter, Engineering Services Manager
 Approved by: Michael J. Bardin, General Manager

ATTACHMENT A

PROJECT SUMMARY FOR THE SAN DIEGUITO PUMP STATION REPLACEMENT PROJECT (J-600)

Budget Summary

Original Contract Amount:	\$ 5,507,400.00
Final Contract Amount:	\$ 5,784,871.94
Total Project Retention (4.2%):	\$ 240,542.94

Project Schedule

Contract Award Date:	July 20, 2015
Notice of Completion Date:	September 21, 2017

Contract Change Order Summary

There were 12 change orders on the Project. The total amount of the 12 change orders to date is \$277,471.94, or 5.0% of the original construction cost. A summary of the items included in the change orders is provided below.

Item	Amount	Total	Reason for Change Order	Date Approved	C.O. Cost Percentage of Original Contract Amount	Increased Contract Duration (Calendar Days)
Original Contract Amount		\$5,507,400				
Change Order 1	\$27,056.00	\$5,534,456.00	Pump Station Hazardous Material and Flow Meter Vault Modifications	11/13/15	0.49%	12
Change Order 2	\$33,527.00	\$5,567,983.00	Bird Nesting Mitigation and Management	11/25/15	0.61%	5
Change Order 3	\$8,634.00	\$5,576,617.00	Relocation of existing pump station drain line and removal/disposal of additional concrete slab	1/22/16	0.16%	0
Change Order 4	\$34,059.00	\$5,610,676.00	Demolish and remove existing vault structure; piping modifications; weather delay	3/28/16	0.62%	1
Change Order 5	\$24,125.00	\$5,634,801.00	SDG&E redesign; underground piping modifications; additional steel beam, miscellaneous modifications; weather delay	8/19/16	0.44%	48
Change Order 6	\$33,353.00	\$5,668,184.00	Rerouting of drain piping and fitting, new electrical service, bird netting maintenance; weather delay	11/1/16	0.61%	5
Change Order 7	\$31,103.00	\$5,699,287.00	New drain line; additional piping modifications; additional requirements by SDG&E	11/11/16	0.56%	9
Change Order 8	\$29,919.44	\$5,729,206.44	Additional requirements by DSOD; APCD coordination; miscellaneous piping and vault modifications; weather delay	12/12/16	0.54%	2

Item	Amount	Total	Reason for Change Order	Date Approved	C.O. Cost Percentage of Original Contract Amount	Increased Contract Duration (Calendar Days)
Change Order 9	\$10,481.00	\$5,739,687.44	Hydro-seeding of unprotected slopes; raise meter vault; vibration monitors for pumps; weather delay	3/7/17	0.19%	25
Change Order 10	\$8,727.00	\$5,748,414.44	Registered Engineering oversight for vibration monitoring of pumps	5/11/17	0.16%	0
Change Order 11	\$21,883.50	\$5,770,297.94	Clearing and trimming of trees to install fence; coordination and fees for SDG&E outage for installation of surge tank	5/27/17	0.40%	0
Change Order 12	\$14,574.00	\$5,784,871.94	Additional paving; removable bollards; additional drain box	8/30/17	0.26%	8
TOTAL (change orders 1-12)					5.04%	115

DRAFT

ATTACHMENT B

RECORDING REQUESTED BY
AND MAIL TO:

Santa Fe Irrigation District
5920 Linea del Cielo
P.O. Box 409
Rancho Santa Fe, CA 92067-0409

NO RECORDING FEE SHALL BE CHARGED PURSUANT TO SECTION 6103 OF THE CALIFORNIA GOVERNMENT CODE

NOTICE OF COMPLETION (C.C.C. 3093 - PUBLIC WORKS)

NOTICE IS HEREBY GIVEN THAT:

1. The Santa Fe Irrigation District located at 5920 Linea del Cielo, P.O. Box 409, Rancho Santa Fe, CA 92067-0409, has completed a public work of improvement described as the **San Dieguito Pump Station Replacement Project (J-600)** and accepted by the awarding authority upon the date hereof.
2. Date of completion: September 15, 2017
3. Description of work performed: Complete replacement of the existing aging San Dieguito Pump Station as well as the replacement of existing intake piping and associated 24-inch intake penetrations through the San Dieguito Dam. Work also include site civil work associated with the Pump Station including access road improvements.
4. The District's interest in the property in which the public work was completed is: Fee Easement/
Public ROW/Statutory Fanchisee Lease.
5. The real property upon which said public work was performed was located at 6339 El Camino Del Norte, Rancho Santa Fe, CA 92067 in the County of San Diego.
6. The contractor was: **Pacific Hydrotech Corporation.**

VERIFICATION

I, the undersigned, say: I am the _____ of the Santa Fe Irrigation District, the declarant of the foregoing Notice of Completion; I have read said Notice of Completion and know the contents thereof, the same is true of my knowledge. I declare under penalty of perjury that the foregoing is true and correct.

Executed at _____, California, on this ____ day of _____, 2017.

Dated _____

General Manager or Designee
of Santa Fe Irrigation District