

**NOTICE OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
ENGINEERING COMMITTEE**

**November 9, 2023
8:30 a.m.**

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held on **November 9, 2023, at 8:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE ENGINEERING COMMITTEE AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

**THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE
THE CALL IN PHONE NUMBERS BELOW AND FOR VIDEO USE THE ZOOM LINK BELOW.**

Join Zoom Meeting
<https://socwa.zoom.us/>
Meeting ID: 832 3920 0860
Passcode: 833849

Dial by your location:
+1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston) +1 312 626 6799 US (Chicago)
Find your local number: <https://socwa.zoom.us/j/kCkCO4Xcd>

AGENDA

1. Call Meeting to Order

2. Public Comments

THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

PAGE NO.

3. Approval of Minutes..... 1
- a. Engineering Committee Minutes of September 14, 2023
 - b. Engineering Committee *Unofficial* Minutes of October 12, 2023

Recommended Action: Staff requests that the Engineering Committee approve the subject Minutes as submitted.

4. Operations Report..... 8

Recommended Action: Information Item.

5. JBL Package B Project Update [Project Committee 2] 9

Recommended Action: Information Item.

6. Capital Improvement Construction Projects Progress Report (November)
[Project Committees 2, 15, 17, & 24] 10

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 2 Board of Directors to approve Change Orders 73 through 80 for \$482,878.33 to Olsson Construction for the JBL Package B project.

7. Contract Award for Coastal Treatment Plant (CTP) Personnel Building Reconstruction
Engineering Services during Construction [Project Committees 15] 21

Recommended Action: Staff recommends that the Engineering Committee recommend to the Board of Directors to approve the contract to ProjectLine for \$31,150 for Engineering Services during Construction for the CTP Personnel Building Reconstruction Project.

8. JBL Package B Construction Mgmt. Support Contract Amendment (Report Under
Separate Cover) [Project Committees 2]

Recommended Action: Discussion/Direction/Action

9. On-Call Construction Management Support Contract (Report Under Separate Cover)
[Project Committees 2, 15, & 17].....

Recommended Action: Discussion/Direction/Action

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 hours prior to the time of the above-referenced Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 2nd day of November 2023.



Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

3

Engineering Committee Meeting

Meeting Date: November 9, 2023

TO: Engineering Committee
FROM: Roni Grant, Associate Engineer
SUBJECT: Approval of Minutes

Overview

Minutes from the following meetings are included for review and approval by the Engineering Committee:

- a. September 14, 2023
- b. October 12, 2023

Recommended Action: Staff recommends that the Engineering Committee approve the Minutes as submitted.

**MINUTES OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

Engineering Committee

September 14, 2023

DRAFT

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on September 14, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

MARK McAVOY	City of Laguna Beach
HANNAH FORD	El Toro Water District
MIKE DUNBAR	Emerald Bay Service District
DAVID LARSEN	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District
TARYN KJOLSING	South Coast Water District

Absent:

DAVE REBENS DORF	City of San Clemente
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Staff Present:

JIM BURROR	Acting General Manager/Director of Operations
RONI GRANT	Associate Engineer
MARY CAREY	Finance Controller
AMBER BAYLOR	Director of Environmental Compliance
MATT CLARKE	IT Administrator
DINA ASH	HR Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ROGER BUTOW	Clean Water Now (CWN)
SHERRY WANNINGER	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District

1. Call Meeting to Order

Ms. Roni Grant, Associate Engineer, called the meeting to order at 8:31 a.m.

2. Public Comments

Mr. Roger Butow, from Clean Water Now, made comments regarding his concerns in the Laguna Beach area.

3. Approval of Minutes

- Engineering Committee Minutes of August 10, 2023

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. Larsen to approve the Engineering Committee Minutes for August 14, 2023, as submitted.

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 1
Mr. McAvoy Aye
Ms. Ford Aye
Mr. Dunbar Aye
Mr. Larsen Aye
Mr. Bunts Aye
Ms. Kjolsing Aye
Mr. Rebensdorf Absent

4. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, stated nothing to report.

This was an information item; no action was taken.

5. Use Audit Flow and Solids Methodology – Annual Update FY 2022-23

ACTION TAKEN

A motion was made by Mr. Bunts and seconded by Mr. McAvoy to recommend that the Board of Directors approve the Use Audit calculated results for the close of the Use Audit for disbursement and collection of additional funds in FY 2022-23.

Motion carried: Aye 5, Nay 0, Abstained 1, Absent 1
Mr. McAvoy Aye
Ms. Ford Abstain
Mr. Dunbar Aye
Mr. Larsen Aye
Mr. Bunts Aye
Ms. Kjolsing Aye
Mr. Rebensdorf Absent

6. Package B Project Closeout Update [Project Committees 2]

Ms. Grant gave an update on the JBL Package B Project.

This was an information item; no action was taken.

7. Capital Improvement Construction Projects Progress and Change Order Report (September) [Project Committees 2, 15, 17, & 24]

ACTION TAKEN

A motion was made by Mr. Dunbar and seconded by Mr. McAvoy to recommend that the PC 15 Board of Directors approve Change Order 1 for \$4,345.00 to DC Hubs Construction for the CTP AWMA Road Guardrail Replacement Project.

Motion carried: Aye 3, Nay 0, Abstained 1, Absent 0
Mr. McAvoy Aye
Mr. Dunbar Aye
Mr. Larsen Abstain
Ms. Kjolsing Aye

8. Contract Amendment for Design of Effluent Transmission Main Air Valve Replacement [Project Committee 21]

ACTION TAKEN

A motion was made by Ms. Ford and seconded by Mr. Larsen to recommend that the PC 21 Board of Directors approve the contract amendment to Tetra Tech for a total of \$55,200 for additional design services for the ETM Air Valve Replacement Project.

Motion carried:	Aye 2, Nay 0, Abstained 0, Absent 0
	Ms. Ford Aye
	Mr. Larsen Aye

9. Contract Award for Engineering Services During Construction for Coastal Treatment Plant (CTP) Aeration Diffuser Replacement Project [Project Committee 15]

ACTION TAKEN

A motion was made by Mr. Dunbar and seconded by Ms. Kjolsing to recommend that the PC 15 Board of Directors approve the contract to Hazen and Sawyer for a total of \$68,580 for Engineering Services During Construction for the CTP Aeration Diffuser Replacement Project.

Motion carried:	Aye 3, Nay 0, Abstained 1, Absent 0
	Mr. McAvoy Aye
	Mr. Dunbar Aye
	Mr. Larsen Abstain
	Ms. Kjolsing Aye

10. J.B. Latham Treatment Plant (JBL) Plant 1 Standby Generator Pre-Purchasing Update [Project Committee 2]

Ms. Grant updated the Engineering Committee on the action the Board of Directors took on September 7, 2023, approving staff to purchase the Standby Generator.

This was an information item; no action was taken.

Adjournment

There being no further business, Ms. Grant adjourned the meeting at 8:56 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of September 14, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**MINUTES OF *UNOFFICIAL* MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

Engineering Committee

October 12, 2023

DRAFT

The ***Unofficial*** Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on October 12, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

MARK McAVOY	City of Laguna Beach
HANNAH FORD	El Toro Water District
ROD WOODS	Moulton Niguel Water District
MARC SERNA	South Coast Water District

Absent:

DAVE REBENS DORF	City of San Clemente
MIKE DUNBAR	Emerald Bay Service District
DON BUNTS	Santa Margarita Water District

Staff Present:

JIM BURROR	Acting General Manager/Director of Operations
RONI GRANT	Associate Engineer
MARY CAREY	Finance Controller
AMBER BAYLOR	Director of Environmental Compliance
KONSTANTIN SHILKOV	Senior Accountant
JEANETTE COTINOLA	Procurement & Contracts Manager
MATT CLARKE	IT Administrator
DINA ASH	HR Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law
SHERRY WANNINGER	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District
DAVID LARSEN	Moulton Niguel Water District
TARYN KJOLSING	South Coast Water District

1. Call Meeting to Order

Ms. Roni Grant, Associate Engineer, called the meeting to order at 8:37 a.m. and announced that there was no quorum to conduct business officially and that the items listed on the agenda would be discussed as informational only.

2. Public Comments

None.

3. Approval of Minutes

There was no quorum, therefore deferring the approval of the Engineering Committee Minutes of August 10, 2023, until the next meeting.

4. Operations Report

Ms. Amber Baylor, Director of Environmental Compliance, gave an update on the efforts to correct El Toro's flows data reported on the Use Audit.

Mr. Jim Burror, Acting General Manager/Director of Operations, gave an update on the Aliso Creek Ocean Outfall and San Juan Creek Ocean Outfall ballast repairs. He also stated that staff will bring the Engineering Committee Bylaws to the Board to consider reducing the quorum from 5 members to 4. An open discussion ensued.

5. J.B. Latham Treatment Plant Package B Project Update

Ms. Grant gave an update regarding the work efforts between Olsson Construction and Butier Engineers to resolve and finalize the time impact analysis. An open discussion ensued.

6. Capital Improvement Construction Projects Progress and Change Order Report (September) [Project Committees 2, 15, 17, & 24]

Ms. Grant gave an update on the change orders for JBL Package B and reported on the Aliso Creek Outfall Internal Seal Replacement project. An open discussion ensued.

7. Contract Award for Coastal Treatment Plant (CTP) Diffuser Replacement Project [Project Committee 15]

Ms. Grant reported the fine bubble diffusers were procured earlier this year and had been delivered. Bids were received for the installation and procurement of the coarse air diffusers. An open discussion ensued.

8. Contract Award for J.B. Latham Treatment Plant (JBL) Centrate Line Upgrades Project [Project Committee 2]

Ms. Grant reported the pipes that convey the centrate from the centrifuges back to the treatment plant need replacing. She stated that bids were received for replacing the centrate piping and the watering piping inside the dewatering building. An open discussion ensued.

9. Effluent Transmission Main Trail Bridge Crossing Project Update Project [Project Committee 21, Reach D]

Mr. Burror gave an update on the amending of the Engineering Services contract to Tetra Tech to finalize the design of the Effluent transmission Main (ETM) Trail Bridge Crossing Design project. An open discussion ensued.

10. Regional Treatment Plant Standby Generator Study [Project Committee 17]

Mr. Burror updated the Committee on the Board's support of the more significant capacity standby generator to minimize downtime during a power outage at the Regional Treatment Plant. An open discussion ensued.

Adjournment

There was no quorum to adjourn the meeting. Ms. Grant called the meeting to an end at 9:21 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the ***Unofficial*** Meeting of the South Orange County Wastewater Authority Engineering Committee of October 12, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

4

Engineering Committee Meeting

Meeting Date: November 9, 2023

TO: Engineering Committee

FROM: Jim Burror, Acting General Manager/Director of Operations

SUBJECT: Operations Report

Overview

Verbal update on operations and maintenance activities.

Recommended Action: Information Item.

Agenda Item

5

Engineering Committee Meeting

Meeting Date: November 9, 2023

TO: Engineering Committee
FROM: Roni Grant, Associate Engineer
SUBJECT: J.B. Latham Treatment Plant Package B Project

Overview

Staff has been working with the Construction Management team, Butier Engineering, to close out the Package B project. All the potential change orders have been negotiated and finalized. In addition, Butier Engineering performed an extensive review of Olsson's Time Impact Analysis (TIA) and met with SOCWA to discuss their findings. A response to Olsson's TIA was sent to Olsson on September 22, 2023.

In addition, Change Orders 73 through 80 backup information with a memorandum documenting the process have been uploaded to SharePoint and shared with the PC 2 Engineering Committee.

Recommended Action: Information Item.

Agenda Item

6

Engineering Committee Meeting

Meeting Date: November 9, 2023

TO: Engineering Committee

FROM: Roni Grant, Associate Engineer

SUBJECT: Capital Improvement Construction Projects Progress and Change Order Report (November) [Project Committee Nos. 2, 15, 17 & 24]

Overview

This agenda item provides an update on projects in construction, including any change orders. Attached are the updated CIP reports. Please note there are eight change orders for the JBL Package B Project.

Project Updates

JBL Package B

The project is complete, and Staff continue to work with the Construction Management team to close out all outstanding items. There are eight new change orders for this project totaling \$482,878.33:

- Change Order 73 for \$67,278.13
- Change Order 74 for \$82,810.21
- Change Order 75 for \$6,537.01
- Change Order 76 for \$39,052.96
- Change Order 77 for \$41,697.76
- Change Order 78 for \$57,928.56
- Change Order 79 for \$79,117.65
- Change Order 80 for \$108,456.05

ACOO Internal Seal Replacement

The project is complete. The first dive was performed on the night of Oct 12th with the replacement of two out of the five seals. The second dive was performed on the night of Oct 19th with the replacement of the remaining three seals. In addition, a flowmeter was installed as part of the second dive. Staff appreciates all the support and assistance from the impacting agencies.

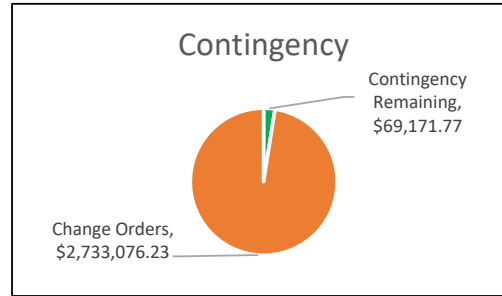
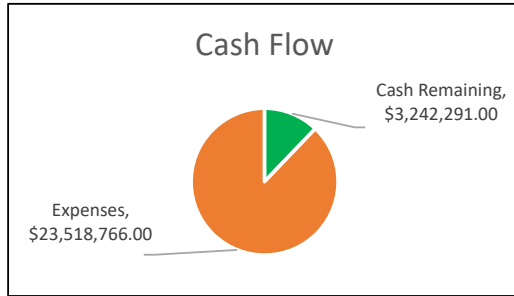
Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 2 Board of Directors to approve Change Orders 73 through 80 for \$482,878.33 to Olsson Construction for the JBL Package B project.

Project Financial Status

Project Committee	2
Project Name	Package B
Project Description	Plant 1 basin repairs, DAF rehabilitation, Energy Building seismic retrofit and minor rehabilitation, Digester 4 rehabilitation

Data Last Updated

October 30, 2023



Cash Flow

Collected	\$ 26,761,057.00
Expenses	\$ 23,518,766.00

Project Completion

Schedule	100%
Budget	97%

Contracts

Company	PO No.	Original	Change Orders*	Amendments	Total	Invoiced
Olsson	13497	\$ 17,325,000.00	\$ 1,784,746.22		\$ 19,109,746.22	\$ 18,626,868.23
Butier	13647	\$ 895,727.00		\$ 1,005,251.00	\$ 1,900,978.00	\$1,898,574.50
Carollo	13616	\$ 846,528.00		\$ 616,037.00	\$ 1,462,565.00	\$1,406,941.05
TetraTech	13605	\$ 94,000.00		\$ -	\$ 94,000.00	\$ 93,884.70
Ninyo & Moore	14279	\$ 49,399.00		\$ 30,000.00	\$ 79,399.00	\$ 50,166.27
ADS Environmental	16452	\$ 107,200.00	\$ -		\$ 107,200.00	\$ 61,875.00
Dudek	17401	\$ 48,360.00		\$ -	\$ 48,360.00	\$ 42,160.00
		\$ 19,366,214.00	\$ 1,784,746.22	\$ 1,651,288.00	\$ 22,802,248.22	\$ 22,180,469.75

*Values include change orders to be reviewed by Engineering Committee and deductive change orders

Contingency

Area	Project Code	Amount **	Change Orders	Total Remaining	Percent Used
Liquids	3220-000	\$ 1,219,679.00	\$ 1,194,892.44	\$ 24,786.56	98.0%
Common	3231-000	\$ 38,120.00	\$ 9,842.77	\$ 28,277.23	25.8%
Solids	3287-000	\$ 1,544,449.00	\$ 1,528,341.02	\$ 16,107.98	99.0%
		\$ 2,802,248.00	\$ 2,733,076.23	\$ 69,171.77	97.5%

** Amount reflects contingency for Construction Contracts only and direct Board change orders approval.

Change Order No	MNWD	SCWD	SMWD	\$ Amount
73	\$14,545.53	\$13,455.63	\$39,276.97	\$67,278.13
74	\$17,903.57	\$16,562.04	\$48,344.60	\$82,810.21
75	\$1,460.97	\$1,596.54	\$3,479.52	\$6,537.03
76	\$9,013.42	\$11,262.87	\$18,776.66	\$39,052.95
77	\$9,623.84	\$12,025.63	\$20,048.28	\$41,697.75
78	\$13,369.91	\$16,706.60	\$27,852.05	\$57,928.56
79	\$18,260.35	\$22,817.53	\$38,039.77	\$79,117.65
80	\$25,031.66	\$31,278.72	\$52,145.67	\$108,456.05
Grand Total	\$109,209.25	\$125,705.56	\$247,963.52	\$482,878.33

Change Orders and Amendments

Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
Within Contingency, to be reviewed by Engineering Committee						\$ 482,878.33
73	Olsson	3287-000	TWAS/DAFT Area Modifications	9/27/2023		\$ 67,278.13
74	Olsson	3287-000	Digester Area Ductbank Conflicts and Additional Work	9/27/2023		\$ 82,810.21
75	Olsson	3231-000	Lab Building Footing Demolition	9/27/2023		\$ 6,537.01
76	Olsson	3220-000	Plant 1 Additional Repair and Modification	9/27/2023		\$ 39,052.96
77	Olsson	3220-000	Plant 2 Additional Repair and Modification	9/27/2023		\$ 41,697.76
78	Olsson	3220-000	Aluminum Kickplate at Aeration Tanks	9/27/2023		\$ 57,928.56
79	Olsson	3220-000	Phase 1 Bypass Pumping	9/27/2023		\$ 79,117.65
80	Olsson	3220-000	Phases 2 and 3 Bypass Pumping	9/27/2023		\$ 108,456.05
Approved by Board of Directors (Amendments)					191	\$ 1,318,583.14
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	12/12/2019	0	\$ 4,725.00

2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	6/4/2020	0	\$ 6,343.10
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	6/4/2020	11	\$ 37,969.60
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	6/4/2020	3	\$ 24,001.54
5	Olsson	3220-000	Valve Handwheel Ergonomic extension	8/6/2020	28	\$ 16,370.30
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	8/6/2020	90	\$ 41,993.87
7	Olsson	3287-000	Digester 4 Additional Concrete Repair	8/6/2020	3	\$ 7,412.74
8	Olsson	3287-000	Repair Existing Damaged Electrical Box	8/6/2020	0	\$ (1,829.00)
9	Olsson	3220-000	Change the Telescoping Valve Boxes and Piping from Carbon Steel to Stainless Steel	8/6/2020	0	\$ 18,677.63
10	Olsson	3287-000	Duct bank J Interferences	12/17/2020	18	\$ 73,639.42
11	Olsson	3220-000	Blasting of Existing Influent Pipe Spools	12/17/2020	5	\$ 20,868.52
12	Olsson	3220-000	Duct bank K Interferences	12/17/2020	0	\$ 15,567.08
13	Olsson	3287-000	Digester 3/4 PLC Relocation	12/17/2020	14	\$ 41,367.51
14	Olsson	3287-000	Digester 4 Additional Tank Repair	12/17/2020	18	\$ 33,642.75
15	Olsson	3220-000	Duct bank O Interferences	12/17/2020	0	\$ 1,686.88
16	Olsson	3287-000	Digester 3/4 Control Building Roof Replacement	2/4/2021	0	\$ 42,780.00

17	Olsson	3287-000	MCC-D1 Modifications due to Change in Motor Size	5/6/2021	0	\$ 34,392.02
18	Olsson	3287-000	Integrator Additional Site Visits	5/6/2021	0	\$ 7,571.97
19	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	6/3/2021	0	\$ 29,417.20
20	Olsson	3220-000	Overhead Walkway Removal at Plant 1 Secondary Basins 5 through 9	6/3/2021	0	\$ 62,113.50
21	Olsson	3287-000	Cogeneration PLC Modifications and Integration	6/3/2021	0	\$ 42,922.67
22	Olsson	3220-000	Plant 1 Secondary Basins UV Rated Wear Strips	9/2/2021	0	\$ 28,965.33
23	Olsson	3287-000	MCC-F1 Design Change	9/2/2021		\$ 481,290.42
24	Olsson	3287-000	DAF 2 Investigation Work and Inspection Blast	10/7/2021		\$ 67,838.71
25	Olsson	3287-000	New Fiber Conduit in West Blower Building	10/7/2021		\$ 4,957.71
26	Olsson	3220-000	Plant 1 Primary Basin Conduit Obstruction	10/7/2021		\$ 8,444.20
27	Olsson	3220-000	Plant 1 Influent Channel Additional Coating between Primary Basins 5 and 6	10/7/2021		\$ 15,469.98
28	Olsson	3287-000	MCC-F1 Lighting Changes	10/7/2021		\$ 7,843.04
29	Olsson	3287-000	Digester 3 Ground Rod	10/14/2021		\$ 7,269.16
30	Olsson	3220-000	New Fiber Conduits at East Electrical and Storm Water Buildings	10/14/2021		\$ 8,045.43
31	Olsson	3220-000	Plant 2 Primary Influent Channel Repair Credit	12/9/2021		\$ (15,903.00)

32	Olsson	3220-000	Plant 1 and 2 Telescoping Valve Pipe Supports	12/9/2021		\$ 6,132.27
33	Olsson	3287-000	4" Gas Line Routing Modifications	12/9/2021		\$ 18,146.07
34	Olsson	3287-000	Gas Mixer Conduit Conflict	12/9/2021		\$ 12,383.89
35	Olsson	3220-000	P1 Primary Tanks 5 and 6 Temporary Power	3/10/2022		\$ 7,256.05
36	Olsson	3220-000	P1 Primary Tanks Skimmers Starter Modification	3/10/2022		\$ 45,374.13
37	Olsson	3220-000	P1 Primary Tanks Hopper Wall Coating	3/10/2022		\$ 34,505.41
38	Olsson	3220-000	P1 Effluent Channel Conduit Conflict	3/10/2022		\$ 9,274.98
39	Olsson	3220-000	P1 Primary Tanks Torque Limit Switch	3/10/2022		\$ 7,149.86
40	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	3/10/2022		\$ (2,309.09)
41	Olsson	3287-000	DAFT 2 Repair	3/10/2022		\$ 59,403.53
42	Olsson	3287-000	Digesters 1 and 2 Heat Exchanger Layout Reconfiguration Electrical	6/2/2022	1	\$ 12,885.18
43	Olsson	3287-000	Digester 3 Heat Exchanger Hot Water Loop Tie-In	6/2/2022		\$ 2,774.58
44	Olsson	3220-000	Plant 1 Primary Basin 1 Shutdown Repair Work	6/2/2022		\$ 1,009.86
45	Olsson	3287-000	Replace Compressor Line and Valve at Digester 4	6/2/2022		\$ 10,762.85
46	Olsson	3220-000	Plant 2 Influent Gates Removal and Concrete Demo	6/2/2022		\$ 5,389.66

47	Olsson	3287-000	DAFT 2 Launder Support Detail	6/9/2022		\$ 45,682.30
48	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Coating Removal	6/9/2022		\$ 111,101.16
49	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Existing Equipment Removal and Reinstallation	6/9/2022		\$ 71,864.17
50	Olsson	3287-000	Digester Mixing Pumps Control Programming Change	8/4/2022		\$ 4,397.77
51	Olsson	3220-000	Plant 1 Primary Basins Skimmers I/O Connection and Programming Change	8/4/2022		\$ 14,237.83
52	Olsson	3287-000	Fiber Patch Cables to Connect the Centrifuge PLC to the Centrifuge Patch Panel	8/4/2022		\$ 3,755.90
53	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Coating Removal	8/4/2022		\$ 43,222.24
54	Olsson	3220-000	Plant 1 Secondary Basins Concrete Structural and Basins 2 and 3 Drive Plate Rework	8/4/2022		\$ 20,860.16
55	Olsson	3220-000	Plant 2 Primary Basins Repair and Rehab of Head-Shaft Bearings	8/4/2022		\$ 4,618.44
56	Olsson	3231-000	Board SOCWA Front Office with Plywood to Cover Windows	8/4/2022		\$ 3,305.76
57	Olsson	3220-000	Seal the Openings at Plant 1 Primary Influent and Effluent Channels	8/4/2022		\$ 25,491.03

58	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Existing Equipment Removal and Reinstallation	9/1/2022		\$ 26,498.32
59	Olsson	3220-000	Plant 1 Secondary Basins Existing Embedded Metal Plates	9/1/2022		\$ 4,290.48
60	Olsson	3220-000	Plant 2 Primary Baffle Frame Replacement	9/1/2022		\$ 18,291.57
61	Olsson	3287-000	Digester hatch connection, temperature gauge adjustment, and potholing	11/3/2022		\$ 9,971.62
62	Olsson	3220-000	Plant 1 Primary and Secondary Basins crack injection, concrete repair, channel cleaning, solids removal	11/3/2022		\$ 146,734.55
63	Olsson	3287-000	Boiler Room Modifications	12/8/2022		\$ 14,797.83
64	Olsson	3287-000	DAFT 1 Repair	12/8/2022		\$ 66,992.33
65	Olsson	3220-000	Secondary Clarifier Telescoping Valve Modifications (Design Error)	12/8/2022		\$ 32,709.94
66	Olsson	3287-000	Digester Control Buildings Modifications	2/2/2023		\$ 9,746.81
67	Olsson	3220-000	Plant 1 and 2 Field Obstructions	2/2/2023		\$ 8,871.74
68	Olsson	3287-000	MCC-F1 Site Modifications	2/2/2023		\$ 57,233.12
69	Olsson	3287-000	DAFT and TWAS area additional slab modification and piping material change	2/2/2023		\$ 19,368.58
70	Olsson	3287-000	DAFT 1 Area Reconfiguration	3/2/2023		\$ 3,046.43

71	Olsson	3287-000	Digester 2 Hot Water Loop Change	3/2/2023		\$ 29,525.46
72	Olsson	3220-000	Plant 1 Seal Influent Channel Openings and Helical Drives Temporary Covers	4/6/2023		\$ 10,831.51
Deduct-Common	Olsson	3231-000	Energy Building Monorail System Descope (F1-F4)	8/4/2022		\$ (70,585.34)
Deduct-Liquids	Olsson	3220-000	Effluent Pump Station Descope (A1-A6)	8/4/2022		\$ (483,605.73)
Deduct-Solids	Olsson	3287-000	Energy Building Modifications Descope (G1-G2, & H1-H2)	8/4/2022		\$ (357,382.60)
HAL 01	Hallsten	3220-000	Cover Layout Modifications	8/4/2022		\$ 16,715.25
Approved by Board of Directors (Amendments)						\$ 1,651,288.00
1CM Common	Butier	3231-000	CM Change Order No. 1	7/13/2021		\$ 48,995.00
1CM Liquids	Butier	3220-000	CM Change Order No. 1	7/13/2021		\$ 294,125.00
1CM Solids	Butier	3287-000	CM Change Order No. 1	7/13/2021		\$ 269,595.00
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	6/3/2021		\$ 18,210.00
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	6/3/2021		\$ 109,256.00
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	6/3/2021		\$ 100,151.00
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 5,400.00
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
2CM Liquids	Butier	3220-000	CM Change Order No 2	5/12/2022		\$ 196,268.00
2CM Solids	Butier	3287-000	CM Change Order No. 2	5/12/2022		\$ 196,268.00

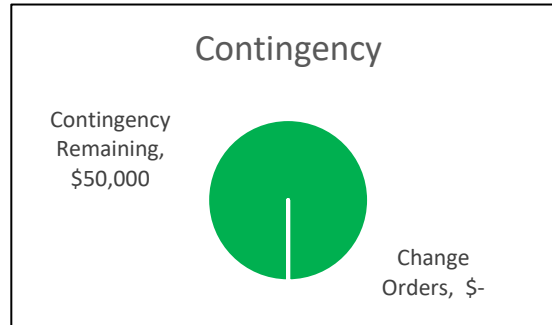
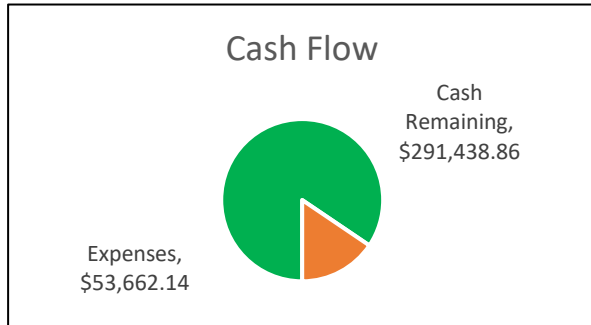
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	12/9/2021		\$ 11,075.00
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	12/9/2021		\$ 196,440.00
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	12/9/2021		\$ 180,905.00
Grand Total					191	\$ 3,452,749.47

Project Financial Status

Project Committee	24
Project Name	Aliso Creek Ocean Outfall Internal Seal Replacement
Project Description	Replacing 5 seals on the interior of the outfall

Data Last Updated

October 30, 2023



Cash Flow

Collected	\$ 345,101.00
Expenses	\$ 53,662.14

Project Completion

Schedule	53%
Budget	5%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
J.F. Brennan	19185	\$ 261,753.00			\$ 261,753.00	\$ -
Black & Veatch	18544	\$ 75,310.00			\$ 75,310.00	\$ 17,612.50
		\$ 337,063.00	\$ -	\$ -	\$ 337,063.00	\$ 17,612.50

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Outfall	3480-000	\$ 50,000.00	\$ -	\$ 50,000.00	0.0%
		\$ 50,000.00	\$ -	\$ 50,000.00	0.0%

Agenda Item

7

Engineering Committee Meeting

Meeting Date: November 9, 2023

TO: Engineering Committee

FROM: Roni Grant, Associate Engineer

SUBJECT: Contract Award for Coastal Treatment Plant (CTP) Personnel Building Reconstruction Engineering Services during Construction [Project Committee 15]

Overview

The CTP Personnel Building was constructed in 1967 and repurposed into staff locker rooms, showers, and a workshop in 1983. The showers, bathroom fixers, lighting, and drains have all deteriorated and require replacement. The design engineer ProjectLine submitted the final design and staff plans on this project bidding at the beginning of 2024.

ProjectLine submitted a proposal to provide engineering services during construction (ESDC). The scope of services includes the following:

- Bid-Phase Services: Bid set revisions, production of bid set, and pre-bid assistance.
- Construction-Phase Services: Request for Information (RFI), submittals, site visits, and meetings

Cost Analysis

The proposed cost for these services is \$31,150. The cost allocation by member agencies is shown in Table 1. Project 3525-000 has a budget of \$400,000 this fiscal year for the construction and ESDC services. The Engineer's cost estimate for this project is \$384,480.

Table 1 – Cost Allocation

Member Agency	3525-000
City of Laguna Beach	\$11,809.10
Emerald Bay Service District	\$929.85
Moulton Niguel Water District	\$9,112.54
South Coast Water District	\$9,298.51
Total	\$31,150.00

Recommended Action: Staff recommends that the Engineering Committee recommend to the Board of Directors to approve the contract to ProjectLine for \$31,150 for Engineering Services during Construction for the CTP Personnel Building Reconstruction Project.

ProjectLine
Technical Services, Inc.

October 18, 2023

Roni Grant, PMP
Associate Engineer
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

**Subject: Engineering Services Proposal – CTP Personnel Building Drain Repair
Project CS**

Dear Ms. Grant,

On behalf of **ProjectLine**, thank you for the opportunity to propose follow-on bid and construction-phase engineering services (CS) for replacement of the Personnel Building main drain line and building renovations. Please note the following regarding our proposed level of effort and budget for CS services:

1. Bid-phase services. Estimate 20 hours for small revisions, producing bid set, and assistance during bid-phase.
2. Construction-phase services:
 - a. RFIs – estimate 14 RFIs x 3 hours = 42 hours
 - b. Submittals – estimate 16 submittals x 4 hours = 64 hours
 - c. Site Visits and meetings – estimate 2 hours per week x 26 weeks = 52 hours
3. Total = 178 hours x \$175/hour (average) = \$31,150

Above estimate is based on on-site inspection and material testing services to be provided by others. ProjectLine looks forward to demonstrating our commitment to the success of your projects. Please call or email me (Robert Getter 949-351-9718 or rgetter@ProjectLineTS.com) if you have any questions or need additional information.

Very truly yours,



Robert Getter, Principal Engineer
ProjectLine Technical Services, Inc.

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