



## **CALL TO ORDER**

A regular meeting of the Operations Committee of the Orange County Sanitation District was called to order by Committee Chair Brooke Jones on Wednesday, December 1, 2021 at 5:01 p.m. in the Administration Building of the Orange County Sanitation District. Chair Jones stated that the meeting was being held telephonically and via Internet accessibility in accordance with new provisions in California Government Code Section 54953 and Resolution No. OC SAN 21-20, due to the continued State of Emergency Order. Chair Jones announced the teleconference meeting guidelines.

## **ROLL CALL AND DECLARATION OF QUORUM:**

Roll call was taken and a quorum was declared present, as follows:

**PRESENT:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Johnathan Ryan Hernandez, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**ABSENT:** Doug Chaffee, Kim Nichols and Chad Zimmerman

**STAFF PRESENT:** Kelly Lore, Clerk of the Board, and Brian Engeln were present in the Board Room. Jim Herberg, General Manager; Rob Thompson, Assistant General Manager; Lorenzo Tyner, Assistant General Manager; Celia Chandler, Director of Human Resources; Kathy Millea, Director of Engineering; Lan Wiborg, Director of Environmental Services; Pegah Behravan; Jennifer Cabral; Mortimer Caparas; Tanya Chong; Tina Knapp; Cindy Murra; Valerie Ratto; Wally Ritchie; Thomas Vu; Brian Waite; Eros Yong; and Ruth Zintzun were in attendance telephonically.

**OTHERS PRESENT:** Brad Hogin, General Counsel, was in attendance telephonically.

## **PUBLIC COMMENTS:**

None.

## **REPORTS:**

Chair Jones announced that the Board of Directors meeting for December will be held one week early on December 15, 2021; and that OC San Administrative Offices will be closed on December 23-24 and December 31 in observance of Christmas and New Year's Day.

General Manager Jim Herberg introduced Assistant General Manager Rob Thompson who announced that OC San received approval to participate in the Direct Access Program

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through Southern California Edison and that more information would be provided at the Steering Committee and Board meetings on December 15.

**CONSENT CALENDAR:****1. APPROVAL OF MINUTES**[2021-2003](#)

**Originator:** Kelly Lore

MOVED, SECONDED, AND DULY CARRIED TO:

Approve Minutes of the Regular Meeting of the Operations Committee held November 3, 2021.

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

**2. TRICKLING FILTER 480 VOLT CABLE REPLACEMENT AT PLANT NO. 1, PROJECT NO. FR1-0008**[2021-1748](#)

**Originator:** Kathy Millea

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

A. Receive and file Bid Tabulation and Recommendation for Trickling Filter 480 Volt Cable Replacement at Plant No. 1, Project No. FR1-0008;

B. Award a Service Contract to Baker Electric, Inc. for Trickling Filter 480 Volt Cable Replacement at Plant No. 1, Project No. FR1-0008 for an amount not to exceed \$251,586; and

C. Approve a contingency of \$50,317 (20%).

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

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3. **JANITORIAL & FLOOR MAINTENANCE SERVICE CONTRACT FOR PLANT NOS. 1 AND 2** [2021-1999](#)

**Originator:** Rob Thompson

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

- A. Approve a Service Contract to U.S. Metro Group, Inc. to provide Janitorial & Floor Maintenance Services at Plant Nos. 1 and 2, Specification No. S-2021-1270BD, for a total amount not to exceed \$799,992 for the period beginning February 1, 2022, through January 31, 2023, with four, one-year renewal options; and
- B. Approve an annual contingency of \$ 79,999 (10%).

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

4. **PLANT NO. 2 DISTRIBUTION CENTER H, 480V SWITCHGEAR UNDERVOLTAGE RELAY UPGRADE PROJECT** [2021-1958](#)

**Originator:** Rob Thompson

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

- A. Approve a Purchase Order Contract with Miron Electric Construction Corp. for Plant No. 2 Distribution Center H, 480V Switchgear Undervoltage Relay Upgrade Project, per Specification No. S-2021-1280, for a total amount not to exceed \$198,200; and
- B. Approve a contingency of \$19,820 (10%).

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

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5. **MANHOLE FRAME AND COVER REPLACEMENT PROJECT IN THE CITY OF ANAHEIM** [2021-1959](#)

**Originator:** Rob Thompson

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

- A. Approve a Service Contract to Ayala Engineering, Inc. to replace and adjust 47 manhole frames and covers in the City of Anaheim per Specification No. S-2021-1254BD, for a total amount not to exceed \$293,750; and
- B. Approve a contingency of \$29,375 (10%).

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

6. **COLLECTION SYSTEM CONDITION MONITORING SERVICE** [2021-1984](#)

**Originator:** Rob Thompson

MOVED, SECONDED, AND DULY CARRIED TO:

- A. Approve a Five-Year Service and Monitoring Purchase Order Agreement with Hardonex, Inc. (dba SmartCover Systems) for field device communication and monitoring services, for the total amount of \$177,778, billed in annual installments; and
- B. Approve a contingency of \$17,777 (10%) for service fee changes due to adding field devices based on the need.

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

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**7. USP TECHNOLOGIES INDEMNIFICATION AGREEMENT** [2021-1985](#)

**Originator:** Rob Thompson

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Approve an Indemnification Agreement with USP Technologies and the Orange County Sanitation District concerning the potential claimed violation of material patents in a form approved by General Counsel.

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

**NON-CONSENT:**

**8. ORANGE COUNTY SANITATION DISTRICT 2021 ASSET MANAGEMENT PLAN** [2021-1948](#)

**Originator:** Kathy Millea

Director of Engineering Kathy Millea provided a brief introduction to the item and introduced Engineering Supervisor Brian Waite who provided a presentation regarding the 2021 Asset Management Plan including: intent and purpose of the plan including its replacement value of \$10.7 billion in assets; Plant Nos. 1 & 2, Pump Station, and Gravity Sewer current conditions; and projects which included an average remaining useful life score map. Mr. Waite further described the success and accomplishments of the program and impact of asset management.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Receive and file the Orange County Sanitation District 2021 Asset Management Plan.

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Johnathan Ryan Hernandez, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

*Director Hernandez arrived at the meeting at 5:38 p.m.*

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**9. SUPERCRITICAL WATER OXIDATION RESEARCH OPPORTUNITY** [2021-1960](#)

**Originator:** Rob Thompson

As a continuation from last month's Operations Committee meeting, Mr. Thompson provided a presentation which included information regarding: risk/reward sharing, cost of treatment, fate of chemicals, proposed project budget, and detailed schedule. Mr. Thompson responded to questions regarding buy-back; stack exhaust and CO<sub>2</sub>; initial program concept, fixed price, and additional costs for chemicals; and deferral of payment for non-performance.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

- A. Approve a Professional Services Agreement to 374Water Systems, Inc. for the Supercritical Water Oxidation Demonstration at Plant No. 1, Project No. RE21-01, to provide goods and services for demonstration of the 374Water AirSCWO Nix6 System, for an amount not to exceed \$5,139,000; and
- B. Approve contingency funds for Project No. RE21-01 for a combined total not to exceed \$514,000 (10%).

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Johnathan Ryan Hernandez, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva, Chad Wanke and John Withers

**NOES:** None

**ABSENT:** Doug Chaffee, Kim Nichols and Chad Zimmerman

**ABSTENTIONS:** None

*Board Chairman Withers departed the meeting at 6:06 p.m.*

**10. OCEAN OUTFALL CONDITION ASSESSMENT AND SCOPING STUDY, PROJECT NO. PS18-09** [2021-1977](#)

**Originator:** Kathy Millea

Senior Engineer Valerie Ratto provided a presentation which included a detailed overview of the Outfall and the project elements involved in the scoping study including port cleaning and clearing, condition assessment, 3D scanning and modeling, and impacts of low flows. She further provided the preliminary findings of the condition assessment, described the immediate repairs needed, and the required additional consultant services and their cost.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Approve a contingency increase of \$823,200 (30%) to the Professional Services Agreement with Carollo Engineers, Inc. for Ocean Outfall Condition Assessment and Scoping Study, Project No. PS18-09, for a total contingency of \$1,097,600 (40%).

**AYES:** Brooke Jones, Ryan Gallagher, Stephen Faessel, Johnathan Ryan Hernandez, Steve Jones, Sandra Massa-Lavitt, Paulo Morales, Robert Ooten, Jesus Silva and Chad Wanke

**NOES:** None

**ABSENT:** Doug Chaffee, Kim Nichols, John Withers and Chad Zimmerman

**ABSTENTIONS:** None

**INFORMATION ITEMS:**

**11. REGIONAL URBAN RUNOFF DIVERSION OPTIMIZATION STUDY [2021-1953](#)**

**Originator:** Kathy Millea

Engineering Manager Eros Yong provided a presentation regarding the initiatives and objectives of the Regional Urban Runoff Diversion Optimization Study.

ITEM RECEIVED AS AN:

Information Item.

**DEPARTMENT HEAD REPORTS:**

None.

**CLOSED SESSION:**

None.

**OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA ITEMS, IF ANY:**

Director Faessel provided comments on and history of the Direct Access Program.

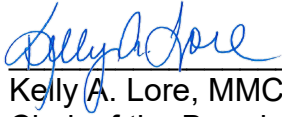
**BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:**

None.

**ADJOURNMENT:**

Chair Jones declared the meeting adjourned at 6:43 p.m. to the next Regular Operations Committee meeting to be held on Wednesday, February 2, 2022 at 5:00 p.m.

Submitted by:



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Kelly A. Lore, MMC  
Clerk of the Board