



**LOS VAQUEROS RESERVOIR JOINT POWERS AUTHORITY
OPERATIONS AND ENGINEERING COMMITTEE
AGENDA**

Regular Meeting
October 20, 2022 – 10:00 a.m.

SPECIAL NOTICE OF TELECONFERENCE ACCESSIBILITY

Pursuant to the provisions of Government Code Section 54953(e), as amended by Assembly Bill 361, any Committee Member and any member of the public who desires to participate in the open session items of this meeting may do so by accessing the Zoom link below without otherwise complying with the Brown Act's teleconference requirements.

Please click the link below to join the Meeting/Webinar:

Please click the link below to join the webinar:

<https://lagerlof.zoom.us/j/83227564437?pwd=SnBST0lHQXdkbm8rNEp0ODB0NjN0dz09>

Webinar ID: 832 2756 4437

Passcode: 567930

Or One tap mobile :

US: +16699006833,,83227564437#,,,,*567930#

or Telephone: +1-669-900-6833

Any member of the public wishing to make any comments to the Committee may do so by accessing the above-referenced link where they may select the option to join via webcam or teleconference. Members of the public may also submit written comments to the Interim Clerk by 4:00 p.m. on the day prior to the meeting for the Interim Clerk to read into the record (subject to three-minute limitation). The meeting Chair will acknowledge such individual(s) at the appropriate time in the meeting prior to making their comment. Members of the public will be disconnected from the meeting prior to any Closed Session, if applicable.

NOTE: To comply with the Americans with Disabilities Act, if you need special assistance to participate in this Committee meeting, please contact the Authority's Interim Clerk at rperea@lagerlof.com by 4:00 p.m. on October 19, 2022 to inform the Authority of your needs and to determine if accommodation is feasible. Each item on the Agenda shall be deemed to include any appropriate motion, resolution, or ordinance, to take action on any item. Materials related to items on this Agenda are available for public review at: www.losvaquerosjpa.com/board-meetings.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL OF COMMITTEE MEMBERS

Jose Gutierrez – Chair, San Luis & Delta-Mendota Water Authority

Jonathan Wunderlich – Alameda County Water District

Antonio Martinez – Contra Costa Water District

Steve Ritchie – San Francisco Public Utilities Commission

PUBLIC COMMENT ON NON-AGENDA ITEMS

Any member of the public wishing to address the Operations and Engineering Committee regarding items not on the Agenda should do so at this time. The Committee welcomes your comments and requests that speakers present their remarks within established time limits and on issues that directly affect the Authority or are within the jurisdiction of the Authority.

DISCUSSION ITEMS

- 1.1 September 15, 2022 Operations and Engineering Committee Meeting Summary**
- 1.2 Review of Draft Principles related to the Design and Construction Agreement to be Entered into with CCWD**
- 1.3 Program Management Approach**

FUTURE AGENDA ITEMS

ADJOURNMENT

**ITEM 1.1: **SEPTEMBER 15, 2022 OPERATIONS AND ENGINEERING
COMMITTEE MEETING SUMMARY****

RESPONSIBLE/LEAD STAFF MEMBER:

James Ciampa, General Counsel

DISCUSSION:

Attached for the Committee's information is the summary prepared for the September 15, 2022 Operations and Engineering Committee meeting.

ALTERNATIVES:

Any suggested revisions to the attached summary will be considered.

FISCAL ANALYSIS:

Not applicable.

ENVIRONMENTAL REQUIREMENTS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Summary from September 15, 2022 Operations and Engineering Committee meeting



SUMMARY OF REGULAR MEETING OF OPERATIONS AND ENGINEERING COMMITTEE

September 15, 2022 – 10:00 a.m.

All members of the Committee (Jose Gutierrez, Chair; Jonathan Wunderlich and Steve Ritchie) were present.

1.1 August 18, 2022 Operations and Engineering Committee Meeting Summary

The summary from the August 18, 2022 Operations and Engineering Committee meeting was presented and was accepted without change.

1.2 Update on Project Design and Cost Estimate

Marguerite Patil, Interim Administrator, introduced Chris Hentz, Engineering Manager at CCWD, who provided the Committee with a PowerPoint presentation on the status of ongoing design efforts for the Phase 2 Los Vaqueros Reservoir Expansion Project (LVE Project). The presentation included a summary of the status of design on several key LVE Project components including the dam expansion and Contra Costa Canal Pumping Plant No. 1. He also provided an overview of the recent updates to the LVE Project construction cost estimate that were incorporated in the proforma model for the Water Infrastructure Finance and Innovation Act (WIFIA) Letter of Interest submitted to the U.S. Environmental Protection Agency earlier this month. Mr. Hentz answered questions posed by members of the Committee. Ms. Patil provided additional background and supplemental information on the LVE Project and related cost estimates.

Future Agenda Items:

- Update and presentation on the South Bay Aqueduct; and
- Update on draft principles related to the Design and Construction Agreement to be entered into with CCWD

Next month's meeting is scheduled for October 20, 2022. The meeting was adjourned at 11:01 a.m.

James D. Ciampa

James D. Ciampa
General Counsel

ITEM 1.2: REVIEW OF DRAFT PRINCIPLES RELATED TO THE DESIGN AND CONSTRUCTION AGREEMENT TO BE ENTERED INTO WITH CCWD

RESPONSIBLE/LEAD STAFF MEMBER:

Taryn Ravazzini, Executive Director

DISCUSSION:

CCWD staff will provide the Committee with the concepts and related issues that will be addressed in the Design and Construction Agreement the Authority will enter into with CCWD.

ALTERNATIVES:

For information only; no alternatives applicable.

FISCAL ANALYSIS:

Not applicable

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

Slide deck providing overview of draft Design and Construction Agreement principles



**LOS
VAQUEROS
RESERVOIR
EXPANSION
PROJECT**

**LVR Joint Powers Authority
Operations & Engineering Committee
Agenda Item 1.2 Los Vaqueros Reservoir Expansion
Project – Facilities Update**

October 20, 2022



Background



- Contra Costa Water District (CCWD) continues to lead planning and design efforts
- The LV Reservoir Joint Exercise of Powers Agreement (JPA Agreement) identifies:
 - A Design & Construction Agreement (DCA) is needed for services provided by CCWD
 - The new and modified facilities CCWD will design and construct
 - A separate DCA is needed between JPA and East Bay Municipal Utility District (EBMUD)

2

JPA O&E Meeting- October 2022

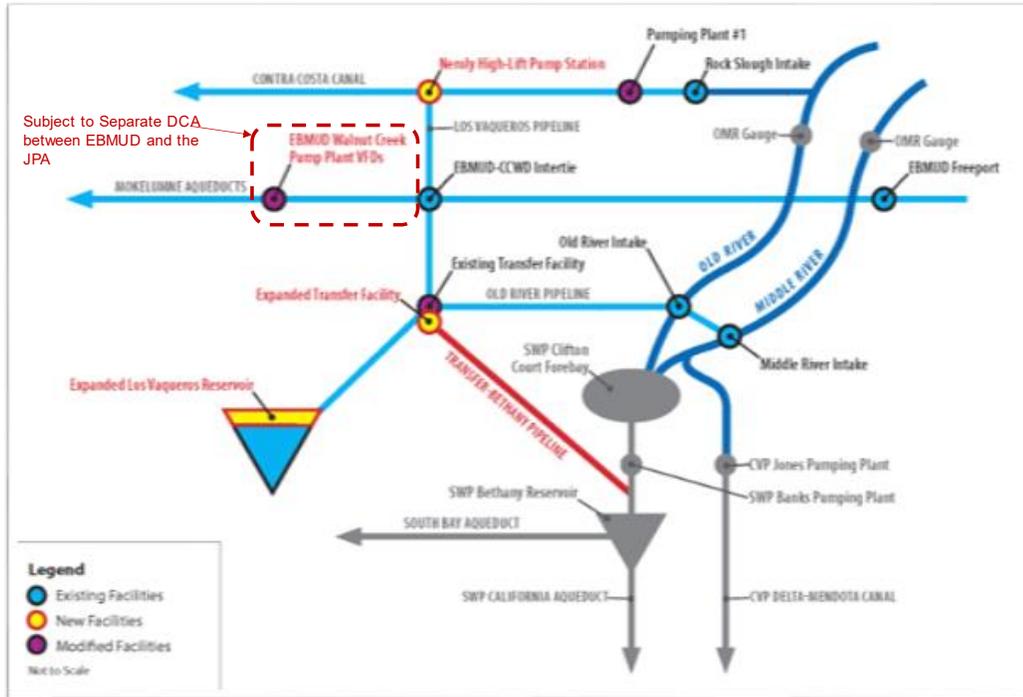


Purpose of the Design & Construction Agreement



- Define roles and responsibilities, including:
 - Design decisions, project management, reporting and coordination
 - Funding and payments
 - Authorities during construction
 - Land acquisition
- Enable efficient project delivery and avoid costly delays

LVE Facilities





Principles of the DCA Between CCWD and the JPA



- Will be reviewed with the JPA Executive Director to identify the process for review and approval
- Final terms can be brought back to the Committee prior to JPA Board approval of the agreement
- DCA is needed in advance of bidding Pumping Plant No. 1 Replacement, as early as Fall 2023
- Timing will depend on California Water Commission full funding approval



Principle #1 – CCWD Is Responsible for Design and Construction



- Meet industry standards and environmental commitments
- Procurements will follow CCWD practices
- Provide technical updates to JPA workgroups (Design Review Team, Finance Workgroup, etc.)
- Seek JPA approval of changes that significantly affect cost or performance of the Project
- CCWD will perform 3rd party technical reviews and value engineering as needed or requested by JPA

6

JPA O&E Meeting- October 2022



Principle #2 – Payments will be submitted in Advance



- JPA is responsible for all costs incurred on the Project
- JPA will enter funding agreements and secure financing to meet cashflow requirements
- CCWD will provide projections of required deposits
- JPA will pay deposits in advance of work to avoid financial burden on CCWD
- CCWD will track all costs and submit invoices to support JPA funding reimbursements



Principle #3 – CCWD Will Provide Regular Reporting



- Regular reports will be provided on all aspects of the project, including:
 - Routine monthly reports on progress, schedule and financials
 - Quarterly or other frequency reports as agreed upon
 - Presentations to the JPA committees and the Board as needed



Principle #4 – CCWD will Bid and Award Construction Contracts



- CCWD will inform JPA in advance of advertising and provide estimate of construction cost
- JPA will approve a not-to-exceed amount; CCWD will have authority to award the contract and proceed



Principle #5 – CCWD Will Have Authority to Approve Changes During Construction



- CCWD may approve changes needed to ensure timely progress and avoid costly delays and claims
- Authority levels will be a percentage of the construction contract
- JPA approval would be sought for additional change order authority needed to progress the project



Principle #6 – Water Quality and Supply Reliability Will Be Maintained During Construction



- CCWD will sequence the timing of construction to avoid impacts through facility impact planning
- Temporary facilities, construction constraints and other controls will be included as needed
- CCWD may obtain additional supplies or make other improvements that may be needed
- Additional costs that would not otherwise be incurred will be paid by the JPA



Principle #7 – CCWD Will Acquire Real Property for the Project



- CCWD will prepare a land acquisition plan for JPA approval in advance of taking land actions
- Agreements and rights -of-way will be procured following CCWD procedures
- Permanent rights -of-way for the Transfer -Bethany Pipeline will be deeded to the JPA



Total Project Cost Estimate Update



- Prepared to support Water Infrastructure Financing and Innovation Act (WIFIA) financing
- Development and construction costs updated to reflect May 2022 dollars
- Costs escalated to reflect the latest Project schedule assuming 4.2 percent annual escalation
- Estimated Development and Construction Cost (escalated): **\$1,245,375,000**

13

JPA O&E Meeting- October 2022



Schedule



- Finalize Process to Review and Approve with Executive Director December 2022
- Review the Draft DCA with JPA Board March 2023
- JPA Approval of DCA Spring 2023

ITEM 1.3: PROGRAM MANAGEMENT APPROACH

RESPONSIBLE/LEAD STAFF MEMBER:

Taryn Ravazzini, Executive Director

DISCUSSION:

At the October 12 Board meeting, the Executive Director provided the Board with an overview of her thoughts with respect to the Program Management position and the process she envisions to recruit for and fill that position. The Board provided input to the Executive Director and requested that she ensure that the Operations and Engineering Committee be involved in that process.

This item will provide the Committee members with the opportunity to discuss the Program Management position and the upcoming selection process.

ALTERNATIVES:

For discussion purposes

FISCAL ANALYSIS:

Fiscal impact is to be determined based on applicable compensation.

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

Slide deck for Program Management Approach overview

The logo for the Los Vaqueros Reservoir Expansion Project. It features the words "LOS VAQUEROS" in blue, "RESERVOIR EXPANSION" in green, and "PROJECT" in blue. To the right of the text is a stylized graphic of a dam or reservoir structure, composed of several horizontal bars of varying lengths, colored in shades of blue and green.

**LOS
VAQUEROS
RESERVOIR
EXPANSION
PROJECT**

The title of the agenda item, "Agenda Item 1.3 – Program Management Approach", is displayed in white, bold, sans-serif font. It is centered horizontally and overlaid on a background image of a reservoir and rolling green hills with wind turbines.

**Agenda Item 1.3 – Program Management
Approach**

October 20, 2022



Program Management Overview

- The Joint Exercise of Powers Agreement describes the Program Manager role as a key consultant to the JPA that will report to the Executive Director (see Section 4.8)
- The Program Manager responsibilities include:
 - Coordinate with the Executive Director regarding various design and construction activities
 - Support coordination with Contra Costa Water District (CCWD) and East Bay Municipal Utility District (EBMUD)
 - Duties include but not limited to budget tracking, scheduling, and quality control/quality assurance
 - May also contract for additional services as required



Program Management Overview (cont.)

- Competitive selection of a Program Management Consultant is a high priority activity to achieve multiple near -term goals:
 - Provide support to the new Executive Director
 - Allow for transition of key responsibilities from CCWD to the JPA
 - Maintain the current approach that eliminates the need for JPA employees



Program Management Scope of Work



- Further expanding on the responsibilities described on slide 2, potential scope components include:
 - **Support for Executive Director**
 - Program Advisor
 - Program Reporting
 - Document Control
 - Cost and Schedule Control
 - Risk and Change Management
 - Quality Management
 - Public Participation and JPA website hosting
 - Training and Skills Transfer



Program Management Selection Process



- Competitive selection process (based on CCWD administrative procedures)
 - Member agency staff are invited to participate in review of the Request for Proposals (RFP) and to serve on a selection panel to review proposals and conduct interviews
 - Contract with selected consultant would require approval by the JPA Board



Tentative Schedule 2022-23



<i>Ongoing</i>	<i>Outreach to potential consulting firms</i>
October	Identify member agency staff to support review & selection process; O & E Committee input; initiate RFP development
November	Update JPA Board; Staff finalize RFP
December	Authorize RFP Release w/extended deadline
January	Proposals Due end of month
February	Review Proposals; Consultant Interviews
March	Consider Board Approval of Consultant Contract



O & E Committee Input



QUESTIONS? COMMENTS?