



Las Virgenes – Triunfo Joint Powers Authority
 4232 Las Virgenes Road, Calabasas, CA 91302
 818.251.2100



THIS MEETING WILL BE CONDUCTED PURSUANT TO THE PROVISIONS OF THE GOVERNOR’S EXECUTIVE ORDER, N-29-20, WHICH SUSPENDS CERTAIN REQUIREMENTS OF THE RALPH M. BROWN ACT TO SUPPORT SOCIAL DISTANCING GUIDELINES ASSOCIATED WITH RESPONSE TO THE CORONAVIRUS (COVID-19) PANDEMIC. BOARD MEMBERS AND STAFF MAY PARTICIPATE IN THE MEETING BY TELECONFERENCE. THE PUBLIC IS STRONGLY ENCOURAGED TO PARTICIPATE ELECTRONICALLY AT www.lvmwd.com/JPALiveStream.

TO JOIN THE WEBINAR VIA COMPUTER, PLEASE USE THE FOLLOWING ZOOM WEBINAR ID: <https://zoom.us/j/95932435001>

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Call and Notice of Special Meeting of the Governing Board of the Las Virgenes – Triunfo Joint Powers Authority

A Special Meeting of the Governing Board of the Las Virgenes – Triunfo Joint Powers Authority (JPA) is hereby called, and notice of said Special Meeting is hereby given for **10:00 a.m. on Tuesday, March 30, 2021**, at Las Virgenes Municipal Water District, 4232 Las Virgenes Road, Calabasas, California 91302, to consider the following:

PLEDGE OF ALLEGIANCE

1. Call to Order and Roll Call
2. Approval of Agenda
3. Public Comments
4. Pure Water Project Las Virgenes-Triunfo Alternative Delivery Methods Workshop
5. Adjourn

By Order of the Board of Directors
 RAY TJULANDER, Chair



David W. Pedersen, P.E.
 Administering Agent/General Manager

Dated: March 25, 2021

Ray Tjulander
 Chair, Las Virgenes-Triunfo
 Joint Powers Authority
 Chair, Triunfo Water & Sanitation District
 Board of Directors

Jay Lewitt
 Vice Chair, Las Virgenes-Triunfo
 Joint Powers Authority
 President, Las Virgenes Municipal Water District
 Board of Directors



To: Las Virgenes-Triunfo JPA Board of Directors and Staff
From: Jennifer Phillips, Jacobs
Date: March 22, 2021
Re: Pure Water Project Collaborative Delivery Evaluation

Purpose

The purpose of this Special Session is to review traditional and collaborative project delivery models available to the JPA to bid, select, award and execute the Pure Water Project (PWP) portfolio of contracts. In the April 28 JPA Board Special Session, Staff will be seeking the JPA's authorization to confirm the direction provided in the Program Implementation Plan (PIP) for the delivery model approaches recommended by Staff for each project element.

Background

The PWP is an opportunity to proactively address three major challenges facing the Las Virgenes-Triunfo JPA:

- comply with more stringent regulatory requirements for discharging to Malibu Creek,
- balance seasonal variation of recycled water demand, and
- create a valuable resource to supplement the region's water supplies, enabled by California's cutting-edge reservoir water augmentation program.

By 2030, the innovative plan is to have an operational Advanced Water Treatment Facility (AWTF) to treat tertiary effluent from the Tapia Water Reclamation Facility (WRF) for indirect potable reuse, and convey the product water to the Las Virgenes Reservoir, where it will be blended with Metropolitan Water District (MWD) supply. The PWP will implement a series of projects for the new AWTF, miles of pipelines to convey tertiary effluent, purified water, and waste streams including brine, as well as improvements to the Tapia WRF, recycled water system, and Las Virgenes Reservoir to provide an integrated system operation. Implementing the PWP provides significant water impact mitigation to both the JPA and other regional agencies for drought, environmental protection of Malibu Creek, and long-term water management benefits.

Overview

Typically, the JPA uses a traditional Design-Bid-Build (DBB) project delivery contracting model to select, award, and execute design and construction projects. This approach first completes the final contract documents and then issues requests for bids to select and award a construction contract to a qualified

contractor. The benefits of this approach are the delivery staff is experienced in managing and executing DBB contracts, the JPA has full design control and direct construction oversight, and this model has been successfully used for many years.

Today, staff is considering a recent and innovative project delivery contracting approach called the Collaborative Project Delivery Model. This approach engages the contractor earlier in the design development and delivery process to facilitate early cost certainty, constructability input, and innovation through an integrated team model. These benefits are quickly making this delivery model a preferred project delivery approach used by California public agencies and special districts for their large capital project portfolio deliveries.

The JPA can use this Collaborative Project Delivery Model to award contracts for the PWP portfolio delivery because costs are estimated above \$1,000,000 and the portfolio falls within the allowable California Code, Public Contract Code sections 22160 et seq., for this delivery approach. Under this model, staff is considering multiple project delivery approaches to apply to the PWP, including Lump Sum Design Build (LSDB), Progressive Design Build (PDB) and Construction Management at Risk (CMAR). These approaches work well for various PWP delivery elements, including proactively managing and using innovations during project design and construction development and implementation, quickly finding and securing a highly qualified constructor early in the upcoming highly competitive, high volume construction environment expected in Southern California over the next 5 to 10 years, and to facilitate collaboration among all parties to optimize solutions, provide early cost certainty and to address market and regulatory conditions and requirements as the PWP matures. The JPA's Legal Counsel confirmed the JPA's ability to use the Collaborative Project Delivery Model.

The JPA Staff would like the JPA Board to consider utilizing the Collaborative Project Delivery Model for parts of the PWP portfolio delivery. In this Session, staff will review promising PWP project delivery models to explain the options, key drivers, benefits and challenges, and focus on how they might be applied to the design and construction of projects under the overall PWP. This information can be used to support the JPA's confirmation and authority to use this collaborative delivery model approach for the PWP implementation.