



**Upper Trinity Regional
Water District
Lake Ralph Hall
Pipeline Delivery
Strategy
June 23, 2021**



Background

The Upper Trinity Regional Water District (UTRWD) is constructing Lake Ralph Hall. One element of the Lake Ralph Hall Program is a new raw water pipeline, a proposed pipeline that will extend approximately 32 miles from the proposed raw water pump station at the toe of the Leon Hurse Dam and connecting to an existing City of Irving pipeline approximately 2.5 miles west of Merit, and will have a diameter of either 60 or 66 inches.

UTRWD plans to have the proposed Lake Ralph Hall Water Supply System, including the Raw Water Pipeline, in service for the summer of 2025. To maintain that schedule, UTRWD must initiate design of the pipeline in the fall of 2021. To that end, it is timely for UTRWD to outline a procurement strategy to the design and construction industry so that firms may make appropriate plans to respond to solicitations from UTRWD in the coming months.

Lake Ralph Hall Pipeline Delivery Strategy

UTRWD proposes to deliver the Lake Ralph Hall Raw Water Pipeline using a Design-Construction Manager at Risk (CMAR) model.

UTRWD has retained LAN as the Lake Ralph Hall Conveyance System General Engineering Consultant (GEC). The GEC has assisted UTRWD in selecting a final pipeline alignment, a preliminary profile, obtained aerial and Lidar mapping of the alignment, computed system hydraulics and is in the process of preparing easement documents. This information will be the basis for the final design of the pipeline.

UTRWD intends to select a CMAR shortly after it engages the pipeline design consultant(s) with the intent to leverage the CMAR's input during design to optimize the design and address critical construction and logistic issues during the design phase.

Schedule

Design

UTRWD intends to issue a Request for Qualifications (RFQ) for design services in July or August of 2021 for as many as three design contracts. The number of contracts will be at UTRWD's sole discretion and will depend on the information submitted by the responding firms or teams. UTRWD intends to award a contract (or contracts) no later than its October Board Meeting.

CMAR

UTRWD intends to issue a Request for Qualifications for a CMAR in August (or September) of 2021 and intends to issue a single CMAR contract for the entire pipeline. UTRWD intends to award a CMAR contract at its December Board Meeting.

Additional Information

For additional information please submit questions to Lakeralphhall@UTRWD.com.