

Jordan Valley Water Conservancy District

Request for Information

Southeast Regional Water Treatment Plant Digital Twin Project

Jordan Valley Water Conservancy District (JVWCD) intends to utilize a multi-stage Request for Proposals Process to acquire the services of a professional to develop an online digital twin of the Southeast Regional Water Treatment Plant (SERWTP) treatment process. The requirements for this Digital Twin can be found in the Problem Statement Documents released with this request for information.

Firms interested in proposing for this work should review the accompanying non-disclosure agreement released with this request. Companies who sign and submit the non-disclosure agreement (NDA) to the JVWCD project manager will be given access to data from SERWTP to construct a Digital Twin prototype. Firms can choose from one of two ways to access the data:

1. The firm creates a Secure File Transfer Protocol (SFTP) site to receive the data and provides JVWCD with the uniform resource locator (url), a username, and a password to the site. JVWCD will then write a script to daily batch data uploads to the provided SFTP site.
2. The firm provides an email address to which batch data will be sent daily.

In the coming months, JVWCD intends to release a Request for Proposals (RFP). Firms choosing to respond to the RFP will submit a statement of qualifications (SOQ) summarizing their prior experience providing digital twins with similar requirements and proposed approach to provide the SERWTP digital twin. A JVWCD selection team will review all submitted SOQs to pre-select three firms to provide an in-person presentation of their Digital Twin prototype and a cost proposal to provide an online digital twin of the SERWTP treatment process. A final selection will be made based on the presentation and the final costs. The selected firm will then be presented to the JVWCD board for final approval.

The intended schedule for the RFP and selection is:

Milestone	Timeline
RFP Release	April 2025
SOQ Due	3 weeks later
Pre-selection	2 week later
Interview and Cost Proposal Submittal	4 weeks later
Final selection	Mid-July
Board approval request	August 13th

These dates are likely to change based on staff availability to generate the procurement documents. When they are changed the notification website will be updated and all who have signed the NDA will be notified.

Proposers may ask questions or make suggestions to JWCD on any element of this process. Questions or suggestions should be submitted to JWCD's Project Manager, Conor Tyson, at (801) 565-4300 or conort@jwcd.org