



**REQUEST FOR STATEMENT OF QUALIFICATIONS  
23-155  
RC1 AND CC1 ELECTRICAL BUILDING AND EQUIPMENT ADDITIONS**

TRWD is hereby inviting qualified consultants to submit Statements of Qualifications (SOQs) to design the RC1 and CC1 Electrical Building and Equipment Additions Project. The Project Objectives are described in general terms below with a few items highlighted in which TRWD expects to see qualifying experience.

The Project Objectives are as follows:

1. Move the electrical equipment out of the humid pump station and into its own climate-controlled building. The building shall be of adequate size to allow for safe working conditions and minimize the risk of arc flash.
2. Update switchgear and other selected electrical equipment, so it has a new "useful life" and the latest safety devices included. With the addition of VFDs at RC1, demo the existing capacitor banks and associated switching equipment no longer required for power factor correction.
3. Replace soft starters with VFDs to optimize system operations. VFDs will also allow time of day pumping to capitalize on real-time energy prices while still meeting water supply demands.
4. To the extent feasible, master plan the building design so that it is compatible with other planned improvements at both RC1 and CC1.
5. Design for compatibility with the existing motors and electrical substations.
6. Evaluate and replace two substation transformers at CC1 and any related bus modifications.
7. Provide for reliable cooling of the new electrical buildings.

Submittals for the above referenced project will be accepted by the Tarrant Regional Water District, Purchasing Department electronically via the CivCast Procurement Website until 2:00 P.M. CT, December 15, 2023. Submittals must be in the actual possession of Tarrant Regional Water District prior to the exact time and date indicated in this Request. Any submittal received after the foresaid time, will be not be accepted.

Documents may be downloaded at the following procurement website:

<https://www.civcastusa.com/project/653693c3e18780cf4f3e6a1d/summary>

Respondents are responsible for obtaining all related documents including but not limited to future Addenda. The District will not be held responsible for failure of the Respondent to obtain all related documents.

The Tarrant Regional Water District reserves the right to adopt the most advantageous response to the Request for Statement of Qualifications and other parts of the Contract Documents, or any applicable Statute or Code.