

Technical Questions
Solicitation No. Q-09-037-MF
San Antonio Water System
Request for Qualifications
Assessment Study Evaluating the Storage Capacity and Recovery Capabilities of the
Twin Oaks Aquifer Storage and Recovery Facility
March 3, 2010

1. What groundwater model(s) has SAWS previously used to simulate the operations of the Twin Oaks ASR Facility in the Carrizo aquifer?

A. **Numerical Groundwater Model of South Bexar County ASR Well Field, HDR December 2003. South Central Carrizo System Groundwater Model, HDR, November 2004, Southern Carrizo-Wilcox, Queen City, Sparta Groundwater Model, TWDB, 2005 – are all available to be utilized for this work.**

2. If SAWS has recently used a groundwater model other than the Southern Carrizo GAM to simulate Twin Oaks the ASR Facility will SAWS provide documentation of the development and application of the groundwater model to firms interested in responding to this RFQ?

A. **Groundwater model development and application of the groundwater model is not required for responding to this solicitation. Available information will be provided to the selected consultant.**

3. In Section 1.b.3.p of the RFQ (page 3 of 37), the list of reports that may be available to the selected consultant does not appear to contain any reports related to groundwater modeling. Will SAWS make available to the selected consultant the model files and reports associated the groundwater model currently being used to simulate the Twin Oaks ASR Field?

A. **Yes.**

4. What reports were generated during the development, testing, and operation of the ASR that contain information that useful for the development of a groundwater model?

A. **Model Exists.**

5. In order to develop a sound methodology and schedule for model development and calibration, potential proponents need to have information regarding the amount of field data that is available for model development. This information includes site characterization reports, which include pumping test data, and monitoring reports, which include water level data and pumping data. Will SAWS provide some of this information for potential proponents to review?

A. Model Exists. A new model is not required. Information will be provided to the selected consultant.

6. If SAWS is willing to provide for review some of the hydrogeologic and modeling reports, will SAWS extend the Proposal Due Date beyond March 19th to allow time for the potential reviewers to digest and incorporate the information into their Project Approach?

A. The March 19, 2010 proposal date will not change. SAWS is interested in the Respondent's approach to addressing this solicitation. Available information will be provided to the selected consultant for the development of a more detailed scope of work.

7. The RFQ does not include a specific task related to a water quality evaluation of available water sources, blending of such sources or the water quality effects from concepts related to improved operational effectiveness. Is such work anticipated by SAWS in the successful completion of the Assessment Study?

A. The only water available to be stored in the ASR facility is Edwards Aquifer water by a 2002 Agreement with the Evergreen Underground Water Conservation District. Edwards Aquifer water quality is well known.

8. The RFQ currently has an estimated time period of six (6) to eight (8) months to complete the study. If extensive model development is required, would SAWS consider a slightly longer duration?

A. A groundwater model or models are currently available to be used for this work. Although the selected consultant may want to provide some modifications to the model(s) if they so desire, the time frame should be more than adequate for that effort. Development of another model from scratch for this effort is not anticipated by SAWS.