



**To:** Interested Parties  
**From:** Lynn Smith, PG, General Manager  
**RE:** Request for Qualifications to perform activities in support of a Managed Aquifer Recharge Program  
**Date:** May 22, 2023

Rolling Plains Groundwater Conservation District has taken action to begin an aquifer recharge program that will use stormwater as the water source. A combination of spreading basins, infiltration trenches, and dry wells will be used to accomplish this. We have performed a desktop feasibility study and are currently acquiring funds for a pilot project. The results from the desktop study were favorable for using stormwater to recharge the Seymour aquifer within the District.

The District is seeking interested firms to perform work related to aquifer recharge utilizing stormwater. This request is broken into tasks, your firm is welcome to submit a statement of qualifications for any task listed. It is anticipated that multiple firms will be selected. It is also anticipated that the overall project management will be performed by Rolling Plains GCD. In your statement of qualifications, please be clear about which task you are addressing. By their nature, a separate statement needs to be prepared for each task.

To date, no production scale aquifer recharge projects using stormwater have been operated within the state. A project using wastewater is being operated in El Paso. A project was proposed in Gaines County but never funded or constructed. Finally, a few research scale projects have been attempted with mixed results. Therefore, it is assumed that no single firm will provide the best solution to all tasks, which is the reason they are divided.

The District desires to select the most qualified firm for each task. Price, schedule, and final deliverables will be negotiated after selecting the most qualified firm. The District reserves the right to select a single or multiple firms for each task and may select no firm if the District deems none met the standards applied. After the initial selection, if the most qualified firm cannot meet the schedule or the budget available, a different firm may be sought.

The tasks that are anticipated to be required are as follows:

1. Initial site assessment utilizing test pits, single ring infiltrometers, soil borings, lysimeters, and flumes/weirs as appropriate. This task includes developing one or more general designs that are appropriate for the site in question but does not include a final engineered structure as that will be performed under Task 5.
2. Geophysical survey to delineate subsurface utilities, prior excavations, degraded water quality zones, and geologic conditions of the aquifer and confining unit(s).
3. Wetlands delineation and CWA Section 404 permitting for construction of retention and infiltration structure.
4. Site surveying in preparation for earthwork along with as-built survey.
5. Final design of earthen water retention structures with balanced cut and fill. This task does not include but will rely on data gathered during Task 1, 2, 3, and 4.
6. Modeling and interpretation of water level and soil moisture data to assess pilot project effectiveness.

7. Modeling and interpretation of surface water and groundwater chemistry data to assess potential impacts of pilot project to other users including agricultural irrigation, livestock, and public water supply.
8. Interacting with private, state and/or federal agencies regarding potential cost savings opportunities such as cost-sharing, grants, or loan forgiveness. This includes completing applications and gathering supporting materials from other District contractors as needed to support this task.

Please submit a statement of qualification that includes the following:

- One or two paragraphs that describe the core capabilities of your firm.
- One paragraph that describes the approach to the task being addressed.
- Three paragraphs describing three projects completed by your firm within the past two years that are similar to the task being addressed. Include client references, a brief scope, and approximate budget for that scope. Preferably, projects should be within Texas or an adjacent state.
- One paragraph identifying the key individuals within your firm that you will utilize for the task being addressed along with any pertinent professional licenses.

Responses to this Request for Qualifications are due no later than June 22, 2023. They may be delivered by email to [manager@rpgcd.org](mailto:manager@rpgcd.org) or by mail to:

Rolling Plains GCD  
PO Box 371  
Munday, TX 76371

The standards that will be used to evaluate each response include but are not limited to the following: task-specific experience, individual talent, diversity of projects, and demonstration of cooperative teamwork with a diverse group of professionals.