PROFESSIONAL SERVICES AGREEMENT FOR REUSE WATER FOR GOLF COURSE IRRIGATION

RS-24-111

June 18, 2024

Background and Findings

- In 1990, the City of Killeen and Killeen Willows, Inc. entered a 99-year agreement that allowed Stonetree Golf Course to pump water from Willows Lake into the golf course irrigation system.

- To replenish water used by the golf course irrigation system, the city has used water from South Nolan Creek, potable water, and reuse water from WCID's 38th St. Sewer Treatment Plant.

- In July 2019, the TCEQ notified the city that reuse water could no longer augment water levels in Willows Lake due to the lake being classified as an "on channel" reservoir or "Waters of the State".

Background and Findings

- Under guidance of the TCEQ, the city discontinued using reuse water and switched back to potable water.

- City staff researched several alternatives to continue fulfilling the 99-year agreement, to meet TCEQ requirements, and to most cost effectively supply water to the irrigation system.

- City staff has negotiated a professional services agreement (PSA) with Clark Associates for the design, inspection, and contract administration for the installation of a new ground storage tank to support the Reuse Water for Golf Course Irrigation Project in the amount of $99,650.

Reasons For Recommendation

- Staff's research found the following reasons for recommending the building of a new ground storage tank that will supply reuse water to the irrigation pumps:

  - TCEQ requirements regarding "Waters of the State" no longer apply.

  - Potable water will no longer be used to replenish the lake for golf course irrigation resulting in a 500,000 gal/day reduction in potable water demand.

Recommendation

□ City Council authorize the City Manager, or designee, to execute a Professional Services Agreement with Clark Associates for the Reuse Water for Golf Course Irrigation Project, in the amount of $99,650 and authorize the City Manager, or designee, to execute any and all change orders within the amounts set by State and Local law.